

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Wednesday, January 29, 2020 WELL WORK PERMIT Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC POST OFFICE BOX 12359 SPRING, TX 77391-4954

Re: Permit approval for CHARLES JAMISON MSH 206H 47-051-02295-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

> James A. Martin Chief

Operator's Well Number: CHARLES JAMISON MSH 204

Farm Name:

CHARLES AND JEAN JAMIS

U.S. WELL NUMBER: 47-051-02295-00-00

Horizontal 6A New Drill Date Issued: 1/29/2020

Promoting a healthy environment.

API Number:	

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number:	

PERMIT CONDITIONS

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

WW-6B (04/15)

API NO. 47-051 -		
OPERATOR WELL	NO.	Charles Jumison MSH 206H
Well Pad Name:	Charle	s Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operator: SWN Pro	oduction Co., L	_C 494512924	Marshall	7-Liberty 278-Cameron
		Operator ID	County	District Quadrangle
2) Operator's Well Number:	Charles Jamison	MSH 206H Well P	ad Name: Cha	rles Jamison MSH
3) Farm Name/Surface Owne	Charles & Jea	Jamison Public Ro	oad Access: Gr	apevine Ridge Drive
4) Elevation, current ground:	1358'	Elevation, propose	d post-construc	tion: 1335'
5) Well Type (a) Gas X Other	Oil	Un	derground Stor	age
(b)If Gas	Shallow x	Deep	*	
I	Horizontal x		02	13/19
6) Existing Pad: Yes or No	No		_	10/23/19
7) Proposed Target Formation Target Formation-Marcellus, Down-Dip				Pressure(s): d Thickness- 44', Associated Pressure- 4706
8) Proposed Total Vertical De	epth: 7222' /			
9) Formation at Total Vertica	Depth: Marce	llus		
10) Proposed Total Measured	Depth: 23,038	5'/		
11) Proposed Horizontal Leg	Length: 14,889	0.66'		
12) Approximate Fresh Water	Strata Depths:	326' /		
13) Method to Determine Free	sh Water Depths:	Covered water wells within radio	us, unknown depth, surface	e glevation correlates to 325' TVD, less than alternate min
14) Approximate Saltwater D	epths: 1121' Sa	linity Profile		
15) Approximate Coal Seam I	Depths: 1119'	/		
16) Approximate Depth to Po	ssible Void (coal	mine, karst, other):	None that we	are aware of
17) Does Proposed well locati directly overlying or adjacent			No.	·
(a) If Yes, provide Mine Info	o: Name: M	Elroy Mine/Marsha	all County Mine	9
	Depth: 10	60'		
	Seam: Pi	tsburgh		
RECEIVED Office of Oil and Gas	Owner: M	urray Energy Corpo	oration	

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WW-6B (04/15)

API NO. 47- 051 OPERATOR WELL NO. Charles Jameson MSH 296th Well Pad Name: Charles Jamison MSH

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	H-40	94#	100'	100'	CTS
Fresh Water	13 3/8"	New	H-40	48#	440'	440'	427 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J-55	36#	2617'	2617'	1020 sx/CTS
Production	5 1/2"	New	HP-110	20#	23,035'	23,035' /	lead 55 tax tail 401 200 '00' inside intiger
Tubing							
Liners							

Ju /23/19

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	30"	0.25	2120	81	Class A	1.19/50% Excess
Fresh Water	13 3/8"	17.5"	0.380	2740	633	Class A	1.19/50% Excess
Coal	See	Interm. Casing					
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/50% Excess
Production	5 1/2"	8 3/4"	0.361	12360	9500	Class A	1.20/50% Excess
Tubing							
Liners							

PACKERS

Kind:		
Sizes:		
Depths Set:	RECEIVED	
	Office of Oil and Gas	

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WW-6B (10/14) API NO. 47- 051 - OPERATOR WELL NO. Chades Jamison Mich 205H

Well Pad Name: Charles Jamison MSH

De 10/23/19

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and stimulate any potential zones between and including the Benson to Marcellus. **If we should encounter a void place basket above and below void area- balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. Run casing not less than 20' below void nor more than 75' below void. (*If freshwater is encountered deeper than anticipated it must be protected, set casing 50' below and cts.)

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Well will be perforated within the target formation and stimulated with water, sand and chemical additives at a high rate. The well will be produced through surface facilities consisting of high pressure production units, vertical separation units, water and oil storage tanks. Max pressure and anticipated max rate ~9000 psig @ 100 barrels per minute.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 16.54
- 22) Area to be disturbed for well pad only, less access road (acres): 5.87

23) Describe centralizer placement for each casing string:

All casing strings will be ran with a centralizer at a minimum of 1 per every 3 joints of casing.

24) Describe all cement additives associated with each cement type:

See Attachment ***

25) Proposed borehole conditioning procedures:

All boreholes will be conditioned with circulation and rotation for a minimum of one bottoms up and continuing until operator is satisfied with borehole conditions.

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*Note: Attach additional sheets as needed.

Schlumberger Cement Additives

	Product Name	Product Use	Chemical Name	CAS Number
Surface	S001	accelerator	calcium chloride up to 3%	10043-52-4
Intermediate	5001	accelerator	calcium chloride	10043-52-4
-	D080	dispersant	sodium polynaphthalene sulfonate	9008-63-3
0 50	D801	retarder	aromatic polymer derivative	propriatary
Kick Off Plug	D047	antifoam	polypropylene glycol	25322-69-4
	D167	fluid loss	aliphatic amide polymer	propriatary
	D154	extender	non-crystalline silica	7631-86-9
	D400	gas migration	boric acid	10043-35-3
			polypropylene glycol	25322-69-4
pag	D046	antifoam	fullers earth (attapulgite)	8031-18-3
Production-Lead			chrystalline silica	14808-60-7
	D201	retarder	metal oxide	propriatary
ogr			sulphonated synthetic polymer	propriatary
Pro	D202	dispersant	formaldehyde (impurity)	propriatary
			polypropylene glycol	25322-69-4
	D046	antifoam	fullers earth (attapulgite)	8031-18-3
	D167	fluid loss	aliphatic amide polymer	propriatary
=			sodium polynaphthalene sulfonate	9008-63-3
12	D065	dispersant	sodium sulfate	7757-82-6
Production-Tail			chrystalline silica	14808-60-7
npo	D201	retarder	metal oxide	propriatary
Pre	D153	anti-settling	chrystalline silica	14808-60-7

Rev. 5/18/2018

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Proposed Drilling Program Southwestern Energy Company **CHARLES JAMISON MSH 206** Re-entry Rig: TBD Well: Field: VICTORY FIELD WET Prospect: VICTORY County: MARSHALL State: WV -80.6077 Longitude 39.7919 Latitude SHL: 39,7587 Latitude -80.5869 Longitude BHL: KB: 26 ft AGL GL Elev: 1,335 ft MSL KB Elev: 1,361 ft MSL 0'to 460' Air / Mist PROD TOC Lead @ 2,637 ' MD PROD TOC Tail @ 5,100 ' MD 460 ' to 2.637 ' Air / Mist TUBULAR DETAIL Size (in) Weight Grade From To Conductor: 20 94.0# H-40 100' 2,637 'to 6,720 ' Air / Mist Surface: 13.375 48.0# H-40 0' 440 Intermed/Coal: 36.0# 9.625 J-55 0' 2,617 Production: 5.5 20.0# HP-110 0' 23,035 CEMENT DETAIL Sacks Class Density 19.3 Conductor 151 A Surface 427 A 15.6 Intermediate 1020 A 15.6 Production Lead 551 A 15.6 **Production Tail** 4012 15.6 Air TD at 6,720 ' Freshwater Depth - 326 'TVD KOP at 6,720 ' MD 6,720 'to 8,140 ' nmental Protection Office of Oil and Gas 12.0 - 12.5 ppg Coal Depth - 1,119 'TVD 2019 Saltwater Depth - 1,121 'TVD RECEIVED TVD - 7,222' V 0.5 TMD - 23,035 ' √ TD at 23,035 ' MD 7,222 'TVD 4 7,101 ' Target Center EOB at 7,101 'TVD Onondaga 7,240 'TVD 10/22/19 8,140 'to 23,035 ' RECEIVED SHL Onondaga 7,119 'TVD 12.0 - 12.5 ppg Office of Oil and Gas Created by: C R Hall on 10/22/2019 M.

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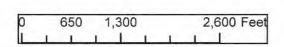
Charles Jamison MSH Pad Coal Map



Legend

Jamison Well Pad

Underground Mining





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Area of Review

	Charles Jamison 206H						
API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
4705100409	CONSOLIDATION COAL COMPANY, RIVER OPERATIONS	PLUGGED	39.796581	-80.609453	2500	N/A	BIG INJUN SAND
4705100872	CONSOLIDATION COAL COMPANY, SOUTH PENN OIL	PLUGGED	39.797161	-80.614153	3085	GORDON	GORDON
4705130498	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.797741	-80.616409	2860	N/A	N/A
4705100986	CONSOLIDATED COAL COMPANY	PLUGGED	39.798321	-80.617537	N/A	N/A	N/A
4705100882	CONSOLIDATED COAL COMPANY	PLUGGED	39.797451	-80.616973	N/A	N/A	N/A
1705130264	RANDALL - ZOGG SUPPLY COMPANY	PLUGGED	39.794696	-80.616972	3112	GORDON	GORDON
4705100949	CONSOLIDATED COAL COMPANY	ABANDONED	39.782756	-80.606441	2338	BIG INJUN	BIG INJUN
4705130413	MANUFACTURE LIGHT & HEAT COMPANY	ACTIVE	39.782756	-80.603998	2915	GORDON STRAY	GORDON STRAY
1705100410	MANUFACTURE LIGHT & HEAT COMPANY	ABANDONED	39.782031	-80.782031	N/A	N/A	N/A
705100950	CONSOLIDATED COAL COMPANY	PLUGGED	39.782031	-80.6102	N/A	N/A	N/A
705100372	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.780871	-80.60832	N/A	N/A	N/A
1705100948	CONSOLIDATED COAL COMPANY	PLUGGED	39.781161	-80.607944	2243	BIG INJUN	BIG INJUN
705100947	CONSOLIDATED COAL COMPANY	ABANDONED	39.780146	-80.606252	3081	GORDON	GORDON
705100373	MANUFACTURE LIGHT & HEAT COMPANY	ABANDONED	39.780436	-80.603997	2959	BIG INJUN	BIG INJUN
705170445	UNKNOWN	N/A	39.777668	-80.604007	N/A	N/A	N/A
705100970	CONSOLIDATED COAL COMPANY	ABANDONED	39.776231	-80.607379	N/A	N/A	N/A
705100387	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.776666	-80.606627	1690	BIG INJUN	BIG INJUN
705100361	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.776521	-80.605124	2210	BIG INJUN	BIG INJUN
1705130030	CARNEGIE NATURAL GAS COMPANY	PLUGGED	39.775361	-80.605687	3075	N/A	N/A
705100367	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.778551	-80.600802	1750	BIG INJUN	BIG INJUN
705100364	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.774781	-80.600613	2500	BIG INJUN	BIG INJUN
705100039	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.773766	-80.601552	2969	GORDON STRAY	GORDON STRAY
705130402	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.774396	-80.596291	N/A	N/A	N/A
705100362	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.773186	-80.597042	2235	BIG INJUN	BIG INJUN
705100363	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.770141	-80.599672	2200	BIG INJUN	BIG INJUN
705101074	CNX GAS COMPANY LLC	ACTIVE	39.768256	-80.597229	1133	PITTSBURGH COAL	PITTSBURGH COAL
705170436	UNKNOWN	N/A	39.767799	-80.596674	N/A	N/A	N/A
705101266	CNX GAS COMPANY LLC	CANCELLED	39.767605	-80.597262	N/A	N/A	N/A
705100047	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.765356	-80.595538	1690	SALT SANDS	SLAT SANDS
705130275	G. & A. PATTERSON	PLUGGED	39.766711	-80.593659	1691	MAXTON	MAXTON
705130399	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.765551	-80.593283	2891	N/A	FIFTH
1705100350	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.764051	-80.594974	1647	MAXTON	MAXTON
705130398	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.765986	-80.590089	2942	N/A	FORTH
1705100349	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.761731	-80.588773	N/A	N/A	N/A
705170421	UNKNOWN	N/A	39.760832	-80.589717	N/A	N/A	N/A

Area of Review

API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
4705100105	G. & A. PATTERSON	ABANDONED	39.759701	-80.588585	1719	BIG INJUN	BIG INJUN
4705100084	COLUMBIA GAS TRANSMISSION, LLC	PLUGGED	39.758251	-80.589524	3091	FIFTH	FIFTH
4705100073	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.759121	-80.586706	2842	UPPER DEVONIAN	FIFTH
4705100357	COLUMBIA GAS TRANSMISSION, LLC	ACTIVE	39.759266	-80.584827	1960	BIG INJUN	BIG INJUN
4705100061	G. & A. PATTERSON	PLUGGED	39.757816	-80.585203	2764	FIFTH	FIFTH
4705130419	MANUFACTURE LIGHT & HEAT COMPANY	PLUGGED	39.757431	-80.584452	2705	FIFTH	FIFTH

WW-9 RECEIVED (2/15)Office of Oil and Gas

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Environmental Protection

API Number 47 - 051

Operator's Well No, Charles Jamison MSH 206H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name SWN Production Co., LLC	OP Code 494512924
Watershed (HUC 10) Maggoty Run	Quadrangle Cameron
Do you anticipate using more than 5,000 bbls of water to comp Will a pit be used? Yes No	lete the proposed well work? Yes 🔽 No
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes	No If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:	
Land Application Underground Injection (UIC Permit	t Number 34-155-22403, 34-059-24057, 34-115-28776, 34-167-23862, 34-156-23795, 34-121-23996, 34-155-21893
	ed well, API# will be included with the WR-34/DDMR &/or permit addendum.
Off Site Disposal (Supply form WW Other (Explain flow back fluids will be	7-9 for disposal location) a put in steel tanks and reused or taken to a permitted disposal facility
Will closed loop system be used? If so, describe: Yes- See Att	achment 3A
Drilling medium anticipated for this well (vertical and horizontal	al)? Air, freshwater, oil based, etc. Air drill to KOP, fluid drill with SOBM from KOP to TD
-If oil based, what type? Synthetic, petroleum, etc. Sy	nthetic Oil Base
Additives to be used in drilling medium? Attachment 3B	
Drill cuttings disposal method? Leave in pit, landfill, removed	offsite, etc. landfill
-If left in pit and plan to solidify what medium will be	used? (cement, lime, sawdust)
-Landfill or offsite name/permit number? Meadowfill SWF Argen Landfill 100/2, Apex Sanitary Landfill 06	5-1032, Short Creek SWF-1034,Carbon Limestone MSWL018781, Wetzel County 1021 5-U8438, Brooke Co SVVF-TUT3, Valley 1UU28U
	ias of any load of drill cuttings or associated waste rejected at any within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the West Vi provisions of the permit are enforceable by law. Violations of law or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that, based	conditions of the GENERAL WATER POLLUTION PERMIT issued reginia Department of Environmental Protection. I understand that the fany term or condition of the general permit and/or other applicable examined and am familiar with the information submitted on this d on my inquiry of those individuals immediately responsible for rue, accurate, and complete. I am aware that there are significant lity of fine or imprisonment. NOTARY PUBLIC OFFICIAL SEAL JESSICA L. VANGIL DER State of West Virginia My Comm. Expires Jul 20, 2020 SWN Production Company, LLC 179 Innovation Dr. Jane Lew, WV 26378
Subscribed and sworn before me this day of day of	<u>may</u> , 20 19
Joseph John July	Notary Public
My commission expires 1-20-20	

474705102295

oposed Revegetation Treatment: Acres	Disturbed 16.54	Prevegetation pl	I
Lime as determined by pH test min. 2 Tons/ac	cre or to correct to pH 5.87		
Fertilizer type 10-20-20			
Fertilizer amount 600	lbs/acre		
Mulch Hay/Straw 2.5	Tons/acre		
	Seed Mixtures		
Temporary		Perma	nent
Seed Type Ibs/ac	ere	Seed Type	lbs/acre
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MA/ Department of Euronomental Protection

4705 102295

Attachment 3A

CLOSED LOOP SYSTEM

The closed loop system is designed to eliminate the use of reserve pits by providing a higher level of solids control processing and using steel pits for capture of drill cuttings. The cuttings are then processed to achieve landfill requirements before hauling to approved landfills. The liquids are processed to recycle into the active mud system or to transfer to onsite temporary storage as needed.

The closed loop system consists of several sets of a shale gas separator (often called a 'methana'), several banks of solids shakers, high speed centrifuges (1 or 2) used to process the fluid portion of the mud system to remove low gravity solids, low speed centrifuge used for barite recovery in high weight liquid drilling systems, a dewatering system (for air intervals and if freshwater mud systems are in use) used to further clean liquids by flocculation and additional mechanical separation, associated open top tanks for processing liquids and capturing solids for disposal, and transfer pumps to move fluids through the processes. There is an area adjacent to the cuttings tanks (Red Zone) where a track hole is utilized to recover the processed cuttings for loading into containers for hauloff. (See attached schematic of a generic closed loop system layout)

Below are discussions of the processes used when drilling the air interval or liquids interval.

AIR DRILLING INTERVALS

During air drilling operations, flow from the rig will pass down the flowline to the Shale Gas Separater (sometimes called a methane) where gas and liquids/solids are separated. Gas is sent to the flare scrubber tank and is flared at the flare stack. Solids and fluids pass across a shaker system to separate solids from liquids. Solids pass into the cuttings tanks where they are captured for drying and hauloff to an approved landfill site. Liquids fall into a shaker tank and are collected by a centrifugal pump to be processed by the high speed centrifuge to further separate liquids and solids. Solids are then dumped into the cuttings tank for drying and hauloff. Liquids are further processed to remove additional low gravity solids before being reused or transferred to onsite storage.

LIQUIDS DRILLING (FRESHWATER, BRINE, SOBM)

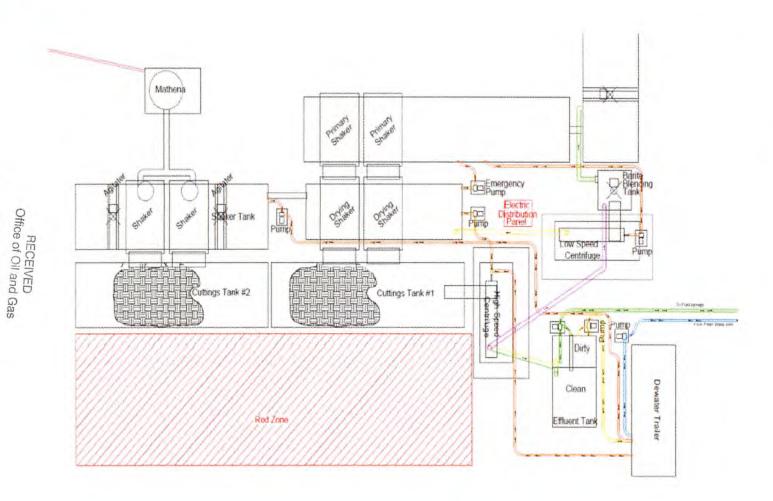
When drilling is converted to liquids drilling, the shale gas separator and associated shaker tank are bypassed, and the liquids system is processed over the primary and drying shaker systems. Cuttings drop into the cuttings tank for additional processing. Any recoverable associated liquids attached to the cutting are recovered out the tank and processed through the low gravity (high speed) and barite recovery centrifuges (low speed) to further remove low gravity solids and to recover barite for reuse in the mud systems.

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Solids Control Layout





WV Department of Environmental Protection

F

Attachment 3B

Drilling Mediums

Surface/Coal(if present)/Freshwater Intervals:

Air

Freshwater (if needed based on conditions)

Intermediate/Coal (if present):

Air

Brine (In Gas Storage areas)

Organophilic Bentonite

Production Hole:

Air

Synthetic Oil (Base Fluid for mud system)

Barite

Calcium Chloride

Lime

Organophilic Bentonite

Primary and Secondary Emulsifiers

Gilsonite

Calcium Carbonate

Friction Reducers

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Attachment 3C



NOV 0 5 2019

WVD Seeding Specification



WV Department of

Environmental Protection Eddy Flippo office 570-996-4271 cell 501-269-5451 lyndsi_eddy@swn.com (please allow 7 to 10 days for delivery)

NON-ORGANIC PROPERTIES	W Z	The second of th
Seed Mixture: ROW Mix	SWI	N Supplied
Orchardgrass	40%	
Timothy	15%	
Annual Ryegrass	15%	
Brown Top Millet	5%	
Red Top	5%	
Medium Red Clover	5%	All legumes are
White Clover	5%	innoculated at 5x normal
Birdsfoot Trefoil	5%	rate
Rough Bluegrass	5%	
Apply @ 100lbs per acre April 16th- Oct. 14th	Apply @ 200lbs per acre Oct. 15th-April 15th PLUS 50lbs per acre of Winter Wheat	

SOIL AMENDMENTS

10-20-20 Fertilizer *Apply @ 500lbs per Acre
Pelletized Lime Apply @ 2 Tons per Acre
*unless otherwise dictated by soil test results

Seeding Calculation Information:

1452' of 30' ROW/LOD is One Acre 871' of 50' ROW/LOD is One Acre 622' of 70' ROW/LOD is One Acre

Synopsis:

Every 622 linear feet in a 70' ROW/LOD, you should be using (2) 50lb bags of seed, (4) 50lb bags of fertilizer and (80) 50lb bags of Lime (2x seed in winter months + 50lb Winter Wheat/ac).

Special Considerations:

Landowner Special Considerations including CREP program participants require additional guidance that is not given here. Discuss these requirements with SWN supervision at the beginning of the project to allow time for special seed delivery.

ORGANIC PROPERTIES		
Seed Mixture: SWN Production Organic	Mix	SWN Supplied
Organic Timothy	50%	
Organic Red or White Clover	50%	
OR		
Organic Perennial Ryegrass	50%	
Organic Red or White Clover	50%	
Apply @ 100lbs per acre		Apply @ 200lbs per acre
April 16th- Oct. 14th		Oct. 15th- April 15th
Organic Fertilizer @ 200lbs per Acre		Pelletized Lime @ 2 Tons per Acre

Seed Mixture: Wetland Mix	SWN Supplied
VA Wild Ryegrass	20%
Annual Ryegrass	20%
Fowl Bluegrass	20%
Cosmos 'Sensation'	10%
Redtop	5%
Golden Tickseed	5%
Maryland Senna	5%
Showy Tickseed	5%
Fox Sedge	2.5%
Soft Rush	2.5%
Woolgrass	2.5%
Swamp Verbena	2.5%
Apply @ 25lbs per acre	Apply @ 50lbs per acre
April 16th- Oct. 14th	Oct. 15th- April 15th

Rev. 5/22/2018

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN



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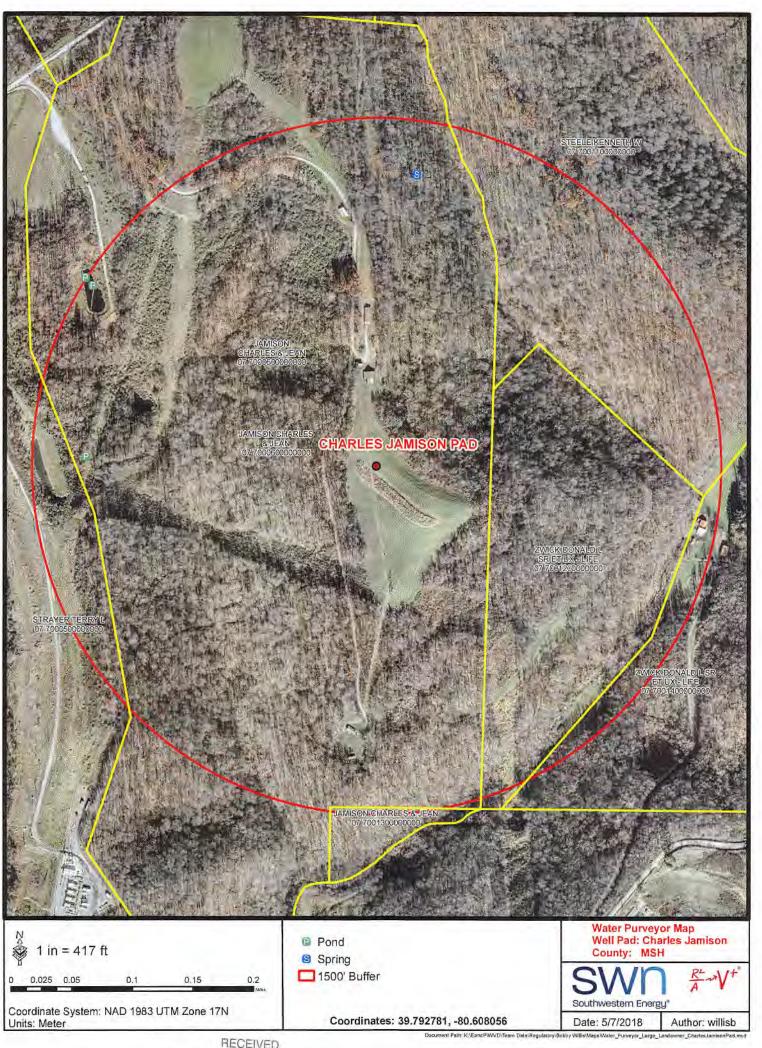
SWN Production Company, LLC 1300 Fort Pierpont Drive, Suite 201 Morgantown, West Virginia 26508

WV Department of environmental Protection

API NO. 47-XXX-XXXXX
WELL NAME: Charles Jamison MSH 206H
Cameron QUAD
Liberty DISTRICT
Marshall COUNTY, WEST VIRGINIA

Submitted by:	
Name: Brittany Woody	Date: 4/30/2019
Brittany Moody	
Title: Senior Regulatory Analyst	SWN Production Co., LLC
Approved by:	
Name: feer the land	Date: 5/15/18
Title: Of & Cos Ingest	
Approved by:	
Name:	Date:
Title:	

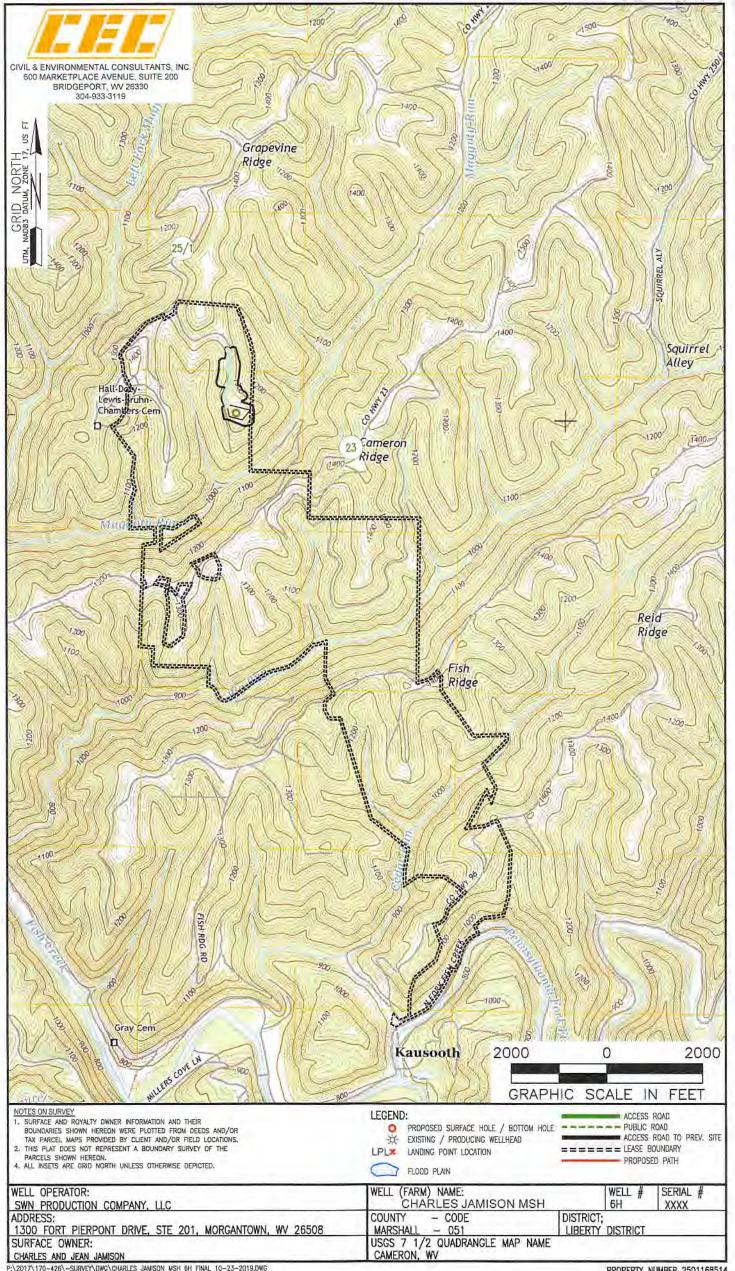
SWN PRODUCTION COMPANY, LLC - CONFIDENTIAL

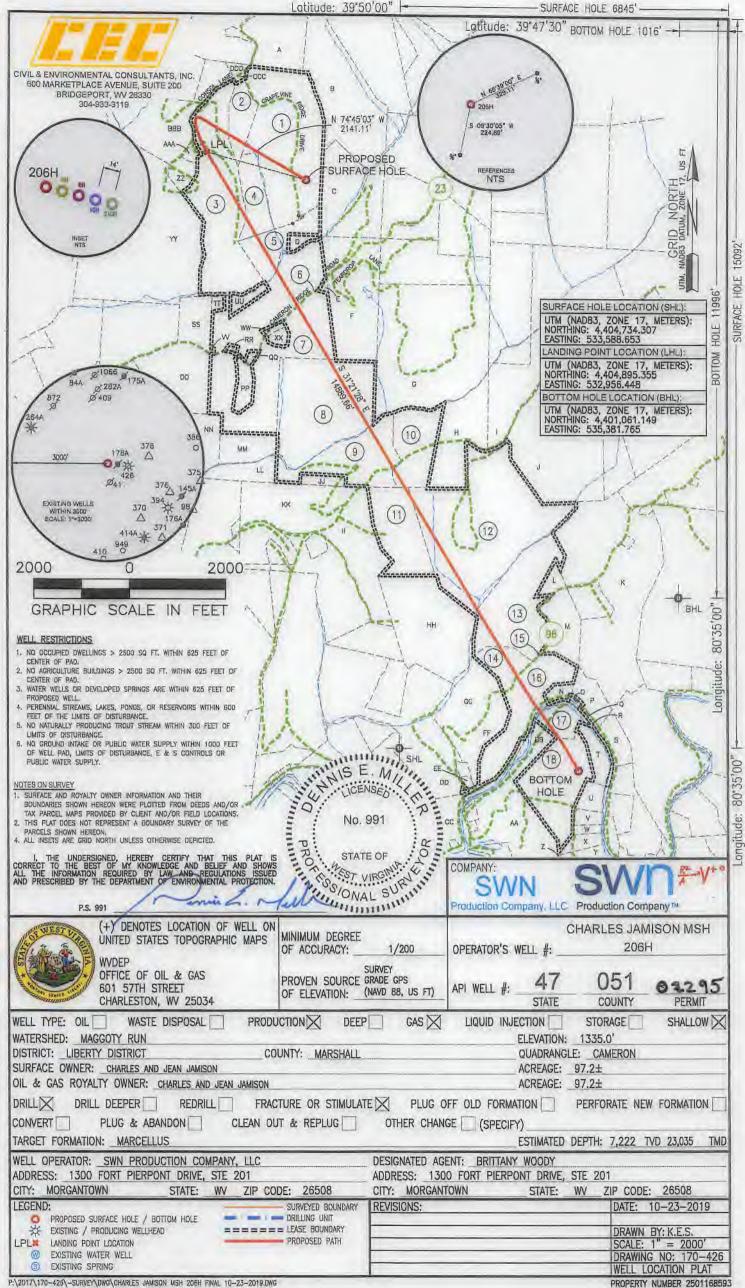


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NOV 0 5 2019

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	WELL BORE TABLE FOR SURFACE OWN	The state of the s
TRACT	SURFACE OWNER	TAX PARCEL
1	CHARLES AND JEAN JAMISON	07-007-0006
2	CONSOLIDATED COAL COMPANY, A DELAWARE CORPORATION	07-007-0006.3
3	CONSOL MINING COMPANY LLC	07-007-0005.3
4	TIMOTHY R. CAIN	07-007-0006.2
5	TIMOTHY R. CAIN	07-007-0006.1
6	CO. RT. 23 ROW (CAMERON RIDGE ROAD)	
7	GARY RAY DOBBS, ET AL	07-010-0018
8	GARY RAY DOBBS, ET AL	07-010-0022
9	HAROLD E. AND ANITA RUSH	07-010-0023
10	HOWARD E WILLIAMS	07-010-0025.
11	ROBERT D. WILLIAMS, SINGLE	07-016-0030
12	RUSSELL ALLEN DOTSON JR	07-016-0031
13	DONALD REX QUIGLEY, ET UX	07-016-0033
14	JEREMIAH N. AND ANDREA J. MAGERS	07-016-0033.1
15	CO. RT. 96 ROW	
16	JOHN MATTHEW BUTLER	07-016-0039
17	JOHN E. RIGGS JR	07-016-0041
18	JUDITH ANN BURGE, VIRGINIA LEE BAILEY, AND SUELLEN MARLING	07-020-0006

RACT	ADJOINING OWNERS TABLE SURFACE OWNER	TAX PARCEL
A	***************************************	07-007-0008.1
	KENNETH WAYNE STEELE TRUST	T1 1971 1797 T3
В	KENNETH WAYNE STEELE TRUST	07-007-0011
С	GALE ZWICK (LIFE ESTATE) AND MITCHELL ZWICK (REMAINDERMAN)	07-007-0012
D	CHARLES AND JEAN JAMISON	07-007-0013
E	JEFFREY A. MURRAY, A MARRIED MAN	07-010-0018.2
F	CONSOLIDATED COAL COMPANY, A DELAWARE CORPORATION	07-010-0019
G	GARY R. DOBBS, ET UX	07-010-0021
H	D. VANE STARKEY	07-010-0025
I	CNX LAND LLC, A DELAWARE LIMITED LIABILITY COMPANY	07-011-0003
J	SCOTT C. MARLING AND JESSICA L. PARRY, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-011-0004
K	DONALD REX QUIGLEY, ET UX	07-016-0036
L	DAVID L. ELSON, ET UX	07-016-0032
М	DAVID L. ELSON AND DEBBIE L. ELSON,	07-016-0034
IVI	HIS WIFE, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-010-0004
N	JOHN E. RIGGS JR, ET UX	07-016-0038
0	JOHN E. RIGGS JR, ET UX	07-016-0036
P	LOUIS S. MCGLELLAND EST	07-016-0040
Q	JOHN RIGGS, ET UX	07-016-0045
R	JOHN E. JR AND DALENA RIGGS	07-016-0042
S	JOHN E. RIGGS JR, ET UX	07-016-0044
T	JOHN E. RIGGS JR	07-016-0043
U	ANNIE L. GEHO EST	07-020-0007
V	ANNIE L. GEHO EST	07-020-0009
W	ANNIE L. GEHO EST	07-020-0010
- 22		
X	ANNIE L. GEHO EST	07-020-0011
Y	AMMON BURLEY, ET UX	07-020-0012
Z	WEST VIRGINIA WILDLIFE RESOURCES	07-024-0001
AA	ALAN UNDERDONK	07-016-0025.
BB	JUDITH ANN BURGE, VIRGINIA LEE BAILEY, AND SUELLEN MARLING	07-016-0040
CC	GAIL CUMPSTON	07-019-0020
DD	GEORGE R. CUMPSTON AND NANCY K. CUMPSTON, HIS WIFE; GAIL K. PORTER, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-016-0024
EE	BEN F. ALLMAN, ET UX	07-016-0025
FF	DAVID T. BUTLER - LIFE	07-016-0026
GG	JOHN M. BUTLER	07-016-0026.
HH	RUSSELL ALLEN DOTSON JR, ET UX	07-016-0028
1		
	STEPHANIE F. YEATER	07-016-0029.3
JJ	HAROLD E. AND ANITA RUSH	07-010-0023.1
KK	VINCENT E. LEMASTERS	07-010-0024
LL	JAMES M. CLARK	07-010-0009
ММ	JAMES M. CLARK	07-010-0010
NN	CHARLES R. CLARK AND MARILYN V. WHIPKEY, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	B-0. B-0. C-12 - 3.7 - 3.7
00	CHARLES R. CLARK AND MARILYN V. WHIPKEY, AS JOINT TENANTS WITH THE RIGHT OF SURVIVORSHIP	07-010-0012
PP	ERIC SCOTT AND TIFFANY J. DOBBS	07-010-0018.
QQ	HAZEN B. PYLES	07-010-0018.
RR	CONSOL MINING COMPANY LLC	07-010-0018.
SS	PAMELA J. HOWARD	07-010-0015
TT	GARY RAY DOBBS, ET AL	07-010-0016
UU	GARY RAY DOBBS, ET AL	07-010-0017
W	ERIC SCOTT AND TIFFANY J. DOBBS	07-010-0018.
WW	A STATE OF THE PARTY OF THE PAR	The second second
37130	GARY R. AND JAN C. DOBBS	07-010-0018.
XX	GARY R. AND JAN C. DOBBS	07-010-0018.
YY	WAYNE E. GRAHAM JR, ET UX	07-007-0004
ZZ	WAYNE E. GRAHAM JR	07-007-0005.
AAA	WAYNE E. GRAHAM	07-007-0005.
BBB	WAYNE E. GRAHAM, JR. AND GWENDOLYN L. GRAHAM, HUSBAND AND WIFE, AS JOINT TENANTS WITH RIGHTS OF SURVIVORSHIP	07-007-0005
CCC	CNX LAND LLC	07-007-0007.1
	200125 2001	0/-00/-000/.1
DDD	CONSOLIDATION COAL COMPANY, ET AL	07-007-0007

API WELL #: 47 051 02295 HGA STATE COUNTY PERMIT

REVISIONS:	COMPANY:	SWN Production Company, LLC	SN Production C	Ompany™
	OPERATOR'S WELL #:	CHARLES JAMISC 206H	N MSH	DATE: 10-23-2019 DRAWN BY: K.E.S.
	DISTRICT: LIBERTY DISTRIC	T COUNTY: MARSHALL	STATE: WV	SCALE: N/A DRAWING NO: 170-426 WELL LOCATION PLAT 2

WW-6A1 (5/13) Operator's Well No. Charles Jameso MSH 2064

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or				
Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- · County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

	Well Operator:	SWN Production Company, LLC.
RECEIVED	By:	8-5-
Office of Oil and Gas	Its:	Staff Landman

NOV 0 5 2019

Page 1 of _____

EXHIBIT "A" 4705102295 Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Tract #	Tax Parcel	Lessor	Lessee	Royalty	BK/PG	Interest Not Leas by Southwester Production Company, LLC
1	07-07-06	Cora Gosney and H.M. Gosney, her husband; O.L. Bruhn and Nola Bruhn, his wife; Dora W. Wagner, widow	The Manufacturers Light and Heat Company	12.50%	342/268	0.000000%
		The Manufacturers Light and Heat Company Columbia Gas Transmission	Columbia Gas Transmission Corporation		422/204	
		Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
2	07-07-06.03	Cora Gosney and H.M. Gosney, her husband; O.L. Bruhn and Nola Bruhn, his wife; Dora W. Wagner, widow	The Manufacturers Light and Heat Company	12.50%	342/268	0.000000%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	k -
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
3	07-07-05.03	Royalty Owners	N/A			11.111111%
		Phyllis J. Holt and William J. Holt, husband; John H. Malatinsky and Judith A. Malatinsky, wife; Paul A. Malatinsky, a married person; and Philip L. Malatinsky and Victoria K. Malatinsky, wife	Columbia Gas Transmission Corporation	12.50%	566/572	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	8
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		David J. Mullen and Sandra Mullen, husband and wife	SWN Production Company, LLC	18.00%	931/432	
		Marcia L. Kerans and Gary Kerans, wife and husband	SWN Production Company, LLC	18.00%	931/436	
		Paul Anthony Malatinsky and Sharon L. Malatinsky, husband and wife	SWN Production Company, LLC	18.00%	916/180	
		Phyllis Jean Holt, a/k/a Phylis Jean Holt and William J. Holt, wife and husband	SWN Production Company, LLC	18.00%	916/196	
		Judith Malatinsky, a widow	SWN Production Company, LLC	18.00%	916/199	
		Nicholas A. Malatinsky, Guardian of Phillip Louis Malatinsky, a/k/a Phillip Louis Malatinsky, a/k/a Phillip Louis Malatinsky, a widower	SWN Production Company, LLC	18.00%	926/294	

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Marshall	County,	West	Virginia
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Tract #	Tax Parcel	Lessor	Lessee	Royalty	BK/PG	Interest Not Leased by Southwestern Production Company, LLC
		Jacqueline M. Loria and Michael Loria, wife and husband	SWN Production Company, LLC	18.00%	935/233	V
4	07-07-06.02	Cora Gosney and H.M. Gosney, her husband; O.L. Bruhn and Nola Bruhn, his wife; Dora W. Wagner, widow	The Manufacturers Light and Heat Company	12.50%	342/268	0.000000%
		The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation	Columbia Gas Transmission Corporation Columbia Natural Resources, LLC		422/204 642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
5	07-07-06.01	Cora Gosney and H.M. Gosney, her husband; O.L. Bruhn and Nola Bruhn, his wife; Dora W. Wagner, widow	The Manufacturers Light and Heat Company	12.50%	342/268	0.000000%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
6		Ray Lough and Belva Lough, his wife; F.H. Lough, widower; Vera Rogerson, widow; Ethel Newman and Frank Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	272/181 342/297	0.000000%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	ν
7	07-10-18	Ray Lough and Belva Lough, his wife; F.H. Lough, widower; Vera Rogerson, widow; Ethel Newman and Frank Newman, her husband; and Berta Pipes, widow	The Manufacturers Light and Heat Company	12.50%	272/181 342/297	0.000000%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
		Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	8
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
8	07-10-22	Ray Lough and Belva Lough, his wife	The Manufacturers Light and Heat Company	12.50%	417/284B 421/1	0.000000%
		The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Marshall County,	West Virginia
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Tract #	į	Гах Parcel	Lessor	Lessee	Royalty	BK/PG	Interest Not Leased by Southwestern Production Company, LLC
			Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
			Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
9	07-10-23	3	Julia Mackey, single; Anna Mackey, single; Lureta Mackey Rupp and W.W. Rupp, her husband; Mefvin L. Mackey and Theora W. Mackey, his wife; B.F. Mackey and Gertrude A. Mackey, his wife; Hazel Mackey McCracken and G.D. McCracken, her husband; W.K. Mackey and Hilda Mackey, his wife	The Manufacturers Light and Heat Company	12.50%	272/241	0.000000%
			The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
			Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
			Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	~
10	07-10-25	.01	F.R. Reynolds and Lora Reynolds, his wife; C.E. Lancaster and Laura B. Lancaster, his wife; Will J. Booher and Doane Booher, his wife	J.W. Miller	12.50%	149/33	0.000000%
			J.W. Miller and Jeannette K. Miller, husband and wife	Carnegie Natural Gas Company		177/75	Ý.
			Carnegie Natural Gas Company	The Manufacturers Light and Heat Company		3/93	
			The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	0
			Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
			Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	V
11	07-16-30		D.A. Williams and Della Williams, his wife; and George Williams and Lydia Williams, his wife	Clinton Oil and Gas Company	12.50%	137/435	0.000000%
			Clinton Oil and Gas Company	The Wheeling Natural Gas Company		150/36	
			The Wheeling Natural Gas Company	The Manufacturers Light and Heat Company		148/389	
35		f	The Manufacturers Light and Heat Company	Union Gasoline and Oil Corporation		190/120	
Q P	6	otec otec	Union Gasoline and Oil Corporation	The Preston Oil Company		2/136	
NE	20	al Pr	The Preston Oil Company	The Manufacturers Light and Heat Company		2/225	8
RECEIVED Office of Oil and Gas	V 05 2019	WV Department of Environmental Protection	The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
Office	NOV	WV	Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		山	Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
	*		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	

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Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Tract #	Tax Parcel	Lessor	Lessee	Royalty	вк/рс	by Southwestern Production Company, LLC
12	07-16-31	Mary Charnock, Committee for C.M. Charnock, an insane person	The Wheeling Natural Gas Company	12.50%	132/514	0.000000%
		The Wheeling Natural Gas Company	The Manufacturers Light and Heat Company		148/389	
		The Manufacturers Light and Heat Company	Union Gasoline and Oil Corporation		197/120	
		Union Gasoline and Oil Corporation	The Preston Oil Company		2/136	
		The Preston Oil Company	The Manufacturers Light and Heat Company		2/225	(
		The Manufacturers Light and Heat	Columbia Gas Transmission Corporation		422/204	
		Company Columbia Gas Transmission	Columbia Natural Resources, LLC		642/281	
		Corporation Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	Y
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		36/422	
13	07-16-33	Hope Reid, single	The Manufacturers Light and Heat Company	12.50%	417/284F	0.000000%
		The Manufacturers Light and Heat	Columbia Gas Transmission Corporation		421/39 422/204	
		Company Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	()
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		36/422	
14	07-16-33.01	Hope Reid, single	The Manufacturers Light and Heat Company	12.50%	417/284F 421/39	0,000000%
		The Manufacturers Light and Heat	Columbia Gas Transmission Corporation		422/204	
		Company Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	8
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		36/422	/
15		Hope Reid, single	The Manufacturers Light and Heat Company	12.50%	417/284F 421/39	0.000000%
		The Manufacturers Light and Heat	Columbia Gas Transmission Corporation		422/204	
		Company Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	
		Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	//
		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		36/422	
as	of	Martha Jane Chambers, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/270 33/110	
RECEIVED Office of Oil and Gas	NOV 0 5 2019 WV Department of Environmental Protection	Sara Jean Chambers, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/274 33/110) wa
Fice of C	NOV 0	June Marie Rush, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/279 33/110	
Ö	A v Envir	Lisa Warren, single, f.k.a. Lisa	Chesapeake Appalachia, L.L.C.	12.50%	679/283	
		Chambers Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	

EXHIBIT "A"

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H Marshall County, West Virginia

Tract #		Tax Parcel	Lessor	Lessee	Royalty	вк/рс	Interest Not Leas by Southwester Production Company, LLC
			Kathryn A. Kinsey, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	15.00%	679/288 33/110	
			Robert C. Richardson, widower Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/292 33/110	
			Delora H. Gehrdes and James Gehrdes, her husband Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	680/106 33/110	
			chesapeane reparatina, energi	Strit (rousedon Sompany) and		00/ 220	
			Kenneth Lloyd Hostetler, widower	Chesapeake Appalachia, L.L.C.	12.50%	680/301	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			National City Bank of Pennsylvania, successor to First National Bank and Trust Company of Waynesburg, Pennsylvania, Testamentary Trustee	Chesapeake Appalachia, L.L.C.	12.50%	686/189	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
			Stephen W. Burge, married dealing in his sole right	Chesapeake Appalachia, L.L.C.	14.00%	680/272	X.
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Carol J. Spence, widow	SWN Production Company, LLC	15.00%	910/116	
			Claudia L. Raven, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	910/120	
			Gail Richardson Barner, married dealing in her sole and separate property	SWN Production Company, LLC	15.00%	910/122	
16	07-16-3	39	Martha Jane Chambers, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/270 33/110	0.000000%
			Sara Jean Chambers, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/274 33/110	
			June Marie Rush, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/279 33/110	
			Lisa Warren, single, f.k.a. Lisa Chambers	Chesapeake Appalachia, L.L.C.	12.50%	679/283	
		=	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
Gas	0	nt of ptection	Kathryn A. Kinsey, widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	15.00%	679/288 33/110	
RECEIVED Office of Oil and Gas	0 5 2019	WV Department of Environmental Protection	Robert C. Richardson, widower Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	679/292 33/110	
REC ce of	NOV 0	V Dep	Delora H. Gehrdes and James Gehrdes, her husband	Chesapeake Appalachia, L.L.C.	12.50%	680/106	
0	Z	W	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
		Ш					

4705 -02205

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Tract#		Tax Parcel	Lessor	Lessee	Royalty	вк/рс	interest Not Lease by Southwestern Production Company, LLC
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			National City Bank of Pennsylvania, successor to First National Bank and Trust Company of Waynesburg, Pennsylvania, Testamentary Trustee	Chesapeake Appalachia, L.L.C.	12.50%	686/189	: * ***
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	V
			Stephen W. Burge, married dealing in his sole right Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	680/272 33/110	
			Carol J. Spence, widow	SWN Production Company, LLC	15.00%	910/116) *
			Claudia L. Raven, a married woman dealing in her sole and separate property	SWN Production Company, LLC	15.00%	910/120	
			Gail Richardson Barner, married dealing in her sole and separate property	SWN Production Company, LLC	15.00%	910/122	
17	07-16-4	1	Royalty Owners	N/A			20,208333%
			Tracy Lee Howard, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	967/129	
			Carolyn Drake, a married woman dealing in her sole and separate property	SWN Production Company, LLC	17.00%	967/146	
			Connie L. Milligan, a married woman dealing in her sole and separate property	SWN Production Company, LLC	17.00%	966/442	
			Enid Beth Williams, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	694/26 33/110	
aas		of ection	Chesapeake Appalachia, L.L.C. Enid Beth Williams, a married woman dealing in her sole and separate property	SWN Production Company, LLC	16.00%	979/140	
Office of Oil and Gas	NOV 0 5 2019	WV Department of Environmental Protection	Patty K. Maloney, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	692/326	1
Office o	NOV	WV De	Chesapeake Appalachia, L.L.C. Dorothy Daugherty, a widow	SWN Production Company, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	33/110 691/475	*
	A	Ш	Chesapeake Appalachia, L.L.C. Melissa McClure, a/k/a Melissa A.	SWN Production Company, LLC Chesapeake Appalachia, L.L.C.	12.50%	33/110 693/269	
			McClure, a single woman Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	U

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Tract#	ī	ax Parcel	Lessor	Lessee	Royalty	BK/PG	Interest Not Lease by Southwestern Production Company, LLC
			Michelle Pennington, a married woman dealing in her sole and	Chesapeake Appalachia, L.L.C.	12.50%	694/93	
			separate property Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Pamela Jean Johnson, a single woman	Chesapeake Appalachia, L.L.C.	12.50%	694/315	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Pamela Jean Johnson, a single woman	SWN Production Company, LLC	16.00%	984/206	
			Beverly June Campbell, a married woman dealing in her sole and	Chesapeake Appalachia, L.L.C.	12.50%	694/537	17
			separate property Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			William L. Johnson, Jr., a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	697/113	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Eric Santee, a single man Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	699/304 33/110	
			Sharon Hall, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	15.00%	703/547	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Phyllis A. Bayha, a single woman	Chesapeake Appalachia, L.L.C.	12.50%	701/321	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Doloris M. McClelland, a widow	Chesapeake Appalachia, L.L.C.	17.00%	725/635	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Jennifer Brunk, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	726/32	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			David Loescher, Jr., a single man	Chesapeake Appalachia, L.L.C.	17.00%	726/134	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
as		of	Daniel Loescher, a divorced man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	726/139	
ED and G	2019	ment	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
RECEIVED Office of Oil and Gas	NOV 0 5 2019	WV Department of Environmental Protection	Linda Graf, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	726/144	
Hice I	NOV	WV [Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
0		E	John Thompson and Patricia Thompson, his wife	Chesapeake Appalachia, L.L.C.	17.00%	727/10	
	4		Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Tract #		Tax Parcel	Lessor	Lessee	Royalty	BK/PG	Interest Not Lease by Southwestern Production Company, LLC
			Ralph W. Milum, a widower, by his Attorney-in-Fact, Jeffrey A. Milum	Chesapeake Appalachia, L.L.C.	17.00%	735/475	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Jenny Roberts, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	744/63	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Luann L. Beresford, f/k/a Lu Ann Howard, a/k/a LuAnn Howard, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	729/244	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Sharlene S. McLeod, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	755/127	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Carolyn M. Carras, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	17.00%	755/157	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Diana L. Correa, a/k/a Diana L. Wills, a single woman Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	17.00%	755/371 33/110	
			Chestnut Holdings Inc. a Florida	SWN Production Company, LLC	20.00%	1060/507	
			Orville Young, LLC, a Florida limited liability company, by Ronald S. Young, General Manager	SWN Production Company, LLC	17.00%	1064/302	
18	07-20-0	6	Janice Marling Fullerton, f/k/a Janice Rose Marling, a single woman	Chesapeake Appalachia, L.L.C.	12.50%	681/37	0.000000%
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Robert R. Kennedy, Jr., a widower	Chesapeake Appalachia, L.L.C.	12.50%	681/203	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Pamela Jean Johnson, a single woman	Chesapeake Appalachia, L.L.C.	12.50%	681/34	
		-	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
o Gas	119	ent of rotection	Robert M. Hughes, a married man dealing in his sole and separate	Chesapeake Appalachia, L.L.C.	12.50%	681/40	v V
EIVEI Oil an	5 20	ntal P	property Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
RECEIVED Office of Oil and Gas	NOV 0 5 2019	WV Department of Environmental Protection	William L. Johnson, Jr., a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	680/593	
0		Env	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

ract#	Ti	ax Parcel	Lessor	Lessee	Royalty	вк/рс	Interest Not Lease by Southwestern Production Company, LLC
			Jessie Marling Estel, a/k/a Jessie Lee Marling Estel, a widow	Chesapeake Appalachia, L.L.C.	12.50%	681/43	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Tyler Marling Hughes, a married man dealing in his sole and separate property Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	680/648 33/110	
			Jeffrey Dean Hughes, a/k/a Jeffrey D. Hughes, a married man dealing in his sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	681/46	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Kelly Mathew Hughes, a/k/a Kelly Matthew Hughes, a single man	Chesapeake Appalachia, L.L.C.	12.50%	680/608	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Mary Beth Hughes, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	681/31	Š.
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Elijah Jeffrey Walter Robert Malcolm Hughes, a/k/a Elijah Jeffrey Dean Hughes, a single man	Chesapeake Appalachia, L.L.C.	12.50%	680/365	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Casey Hughes, a single man Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	680/390 33/110	
			Markus Daniel Hughes, a single man	Chesapeake Appalachia, L.L.C.	12.50%	680/399	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Enid Beth Williams, a married woman dealing in her sole and separate property	Chesapeake Appalachia, L.L.C.	12.50%	680/344	
			Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
			Shirley Dennison, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	682/272 33/110	
			Suellen Marling, a single woman	Chesapeake Appalachia, L.L.C.	14.00%	682/268	
		ПC	Chesapeake Appalachia, L.L.C.	SWN Production Company, LLC		33/110	
ED ind Gas	2019	nent of Protection	Helen G. Marling, a widow Chesapeake Appalachia, L.L.C.	Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	14.00%	682/270 33/110	
RECEIVED Office of Oil and Gas	NOV 0 5 2019	WV Department of Environmental Protection	Constance Ann Crow, a/k/a Constance Ann Bohus, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	984/202	
ō	-	Env	Charles W. Grandstaff, Jr., a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	977/220	

Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, L.L.C., Operator Jamison 206H

Marshall County, West Virginia

Tract #	Tax Parcel	Lessor	Lessee	Royalty	BK/PG	Interest Not Leased by Southwestern Production Company, LLC
		Robert A. Grandstaff, divorced	SWN Production Company, LLC	18.00%	987/442	

RECEIVED
Office of Oil and Gas





4705102295 SWN Production Company-LLC

1300 Fort Pierpont Dr, Ste 201 Morgantown, WV 26508 Tel: 304 884 1610 Fax: 304 471 2497 www.swn.com

October 22, 2019

Ms. Laura Adkins WV DEP Office of Oil & Gas 601 57th St., SE Charleston, WV 25304

RE: SWN's proposed well: Charles Jamison MSH 206H in Marshall County, West Virginia, Drilling under, Consol Lane, Grapevine Ridge Drive, Cameron Ridge Road, Fish Ridge Road, Reid Ridge Road, and N. Fork Fish Ridge Road.

Dear Ms. Adkins:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under Consol Lane, Grapevine Ridge Drive, Cameron Ridge Road, Fish Ridge Road, Reid Ridge Road, and N. Fork Fish Ridge Road. Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Thank you.

Sincerely,

Boston Smith Staff Landman

SWN Production Company, LLC

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Office of Oil and Gas

NOV 0 5 2019

WV Department of Environmental Protection

R2 NV+°

The Right People doing the Right Things, wisely investing the cash flow from our underlying Assets, will create Value+®

47.05 DECEM

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

Date of Noti	ce Certification:	API No.	47- 051 -	
- 111- 02 1 10-10	To the second			rles Jamison MSH 206H
			d Name: Charles	
Notice has	been given:			
		22-6A, the Operator has provided the	required parties v	with the Notice Forms liste
below for the	tract of land as follows:			
State:	West Virginia	UTM NAD 83 Easting:	533,588.653	
County:	Marshall	Nortning	4,404,734.307	
District:	Liberty	Public Road Access:	Grapevine Ridge	
Quadrangle:	Cameron	Generally used farm name	Charles Jamison	
Watershed:	Maggoty Run			
information r of giving the requirements Virginia Code	equired by subsections (b) and (c), se surface owner notice of entry to su of subsection (b), section sixteen o	need in subdivisions (1), (2) and (4), so ction sixteen of this article; (ii) that the rvey pursuant to subsection (a), section f this article were waived in writing been the proof of and certify to the secretant.	requirement was n ten of this arti by the surface ov	s deemed satisfied as a resuicle six-a; or (iii) the notion wher; and Pursuant to We
that the Ope	West Virginia Code § 22-6A, the Operator has properly served the require ECK ALL THAT APPLY	erator has attached proof to this Notice d parties with the following:	Certification	OOG OFFICE USE ONLY
☐ I. NO	FICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BEC SEISMIC ACTIVITY WAS CONDU		☐ RECEIVED/ NOT REQUIRED
■ 2. NO	ΓΙCE OF ENTRY FOR PLAT SURV	EY or NO PLAT SURVEY WAS	CONDUCTED	☐ RECEIVED
■ 3. NO	TICE OF INTENT TO DRILL or	☐ NOTICE NOT REQUIRED BEC NOTICE OF ENTRY FOR PLAT SU WAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY SURF	ACE OWNER	
		(PLEASE ATTACH)		
■ 4, NO	TICE OF PLANNED OPERATION			☐ RECEIVED
	TICE OF PLANNED OPERATION BLIC NOTICE	(PLEASE ATTACH) RECEIVED Office of Oil and Ga	as	☐ RECEIVED

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

By:

Certification of Notice is hereby given:

THEREFORE, I Britany Woody , have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator: SWN Production Co., LLC

Brittany Woody

Its: Senior Regulatory Analyst

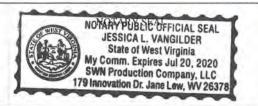
Telephone: 304-884-1610

1300 Fort Pierpont Dr., Suite 201

Morgantown, WV 26508

Facsimile: 304-884-1690

Email: Brittany_Woody@swn.com



Subscribed and sworn before me this

Notary Public

My Commission Expires

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas

NOV 0 5 2019

API NO. 47- 051 OPERATOR WELL NO. Charles Jamisce MSH 208H
Well Pad Name: Charles Jamison MSH

Notice Time Requirement: notice shall be provided no later	than the filing date of permit application.
Date of Notice: Date Permit Application Filed: Notice of:	0/31/19
☑ PERMIT FOR ANY ☐ CERTIFICATE OF A	APPROVAL FOR THE
WELL WORK CONSTRUCTION C	OF AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A	10(b)
☐ PERSONAL ☐ REGISTERED ☐ ME	THOD OF DELIVERY THAT REQUIRES A
and the second of the second o	CEIPT OR SIGNATURE CONFIRMATION
certificate of approval for the construction of an impoundment or registered mail or by any method of delivery that requires a recei- sediment control plan required by section seven of this article, are the surface of the tract on which the well is or is proposed to be a oil and gas leasehold being developed by the proposed well work described in the erosion and sediment control plan submitted pur- operator or lessee, in the event the tract of land on which the wel- more coal seams; (4) The owners of record of the surface tract or well work, if the surface tract is to be used for the placement, con- impoundment or pit as described in section nine of this article; (2) have a water well, spring or water supply source located within of provide water for consumption by humans or domestic animals; proposed well work activity is to take place. (c)(1) If more than the subsection (b) of this section hold interests in the lands, the appli- precords of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is	
	☑ COAL OWNER OR LESSEE
☑ SURFACE OWNER(s) \ Name: Charles Jamison & Jean Jamison	Name: Murray Energy Attn: Mason Smith
Address: 90 Liberty St.	Address: 46226 National Road
Seville, OH 44273	St. Clairsville, OH 43950
Name: Ronnie Evans	COAL OPERATOR
Address: 3780 Grapevine Ridge	Name: McElroy Mine/Marshall County Mine
Cameron, WV 26033	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	1
Name:	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
	Name: See Attachment 13A
Name:	Address:
Address:	
	☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address:
Address:	
Address: RECEIVED	*Please attach additional forms if necessary
Office of Oil and Gas	unuan unuananti totinio ii niceccotti
NOV 0 5 2019	

WV Department of Environmental Protection

API NO. 47- 059 OPERATOR WELL NO. Charles Jamison MSH 206H
Well Pad Name; Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

1 /	
Date of Notice: Date Permit Application Filed: D	3/19
PERMIT FOR ANY WELL WORK CONSTRUCTION OF A	ROVAL FOR THE AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-10	(b)
☐ PERSONAL ☐ REGISTERED ☐ METH	OD OF DELIVERY THAT REQUIRES A
	PT OR SIGNATURE CONFIRMATION
the surface of the tract on which the well is or is proposed to be local oil and gas leasehold being developed by the proposed well work, if described in the erosion and sediment control plan submitted pursual operator or lessee, in the event the tract of land on which the well pursual operator or lessee, in the event the tract of land on which the well pursual work, if the surface tract is to be used for the placement, constraint impoundment or pit as described in section nine of this article; (5) A have a water well, spring or water supply source located within one provide water for consumption by humans or domestic animals; and proposed well work activity is to take place. (c)(1) If more than three subsection (b) of this section hold interests in the lands, the applicant records of the sheriff required to be maintained pursuant to section to provision of this article to the contrary, notice to a lien holder is not	nt to subsection (c), section seven of this article; (3) The coal owner, roposed to be drilled is located [sic] is known to be underlain by one or acts overlying the oil and gas leasehold being developed by the proposed uction, enlargement, alteration, repair, removal or abandonment of any any surface owner or water purveyor who is known to the applicant to thousand five hundred feet of the center of the well pad which is used to (6) The operator of any natural gas storage field within which the e tenants in common or other co-owners of interests described in at may serve the documents required upon the person described in the eight, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. rovide the Well Site Safety Plan ("WSSP") to the surface owner and any
☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice	
	☑ Well Plat Notice is hereby provided to:
	□ COAL OWNER OR LESSEE
Name: Gail Zwick	☐ COAL OWNER OR LESSEE Name:
Name: Gail Zwick Address: 159 Edgington Lane #15	□ COAL OWNER OR LESSEE
Name: Gail Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003	COAL OWNER OR LESSEE Name: Address:
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name:
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR
Name: Gail Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance)	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address:
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address:	☐ COAL OWNER OR LESSEE Name:
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Address:
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address: Name: Address:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: Gail Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address: Name: Address:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name:
Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address: Name: Address:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: Gall Zwick Address: 159 Edgington Lane #15 Wheeling, WV 26003 Name: Mitchell Zwick Address: 911 Hillcrest Drive St. Albans, WV 25177 SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address: Name: Address:	☐ COAL OWNER OR LESSEE Name: Address: ☐ COAL OPERATOR Name: Address: ☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name:

NOV 0 5 2019

WV Department of Environmental Protection

Well Pad Name: Charles Jamison MSH

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

4705 02295

Attachment 13

OWNER	ADDRESS	CITY_STATE_ZIP	WATERSOURCE
JAMISON CHARLES & JEAN	90 LIBERTY ST	SEVILLE, OH 44273	4

RECEIVED Office of Oil and Gas

NOV 05 2019

WV Department of Environmental Protection

API NO. 47- 051 OPERATOR WELL NO. Sharles Jamisan MSH 208H

Well Pad Name: Charles Jamison MSH

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit,

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va, Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

API NO. 47-051
OPERATOR WELL NO Charles Jamison MSH 206H

OPERATOR WELL NO. Charles Jamison MSH 206H
Well Pad Name: Charles Jamison MSH

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450 RECEIVED
Office of Oil and Gas

NOV 0 5 2019

(304) 926-0450

WV Department of Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

OPERATOR WELL NO. Charles Jamison MSH 208H

Well Pad Name: Charles Jamison MSH

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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NOV 0 5 2019

WV Decemment of Environmental Protection WW-6A (8-13)

API NO. 47-051

OPERATOR WELL NO. Charles Jamison MSH 206H

Well Pad Name: Charles Jamison MSH

Notice is hereby given by:

Honey body Well Operator: SWN Production Co., LLC

Telephone: 304-884-1610 Email: Brittany_Woody@swn.com Address: 1300 Fort Pierpont Dr., Suite 201

Morgantown, WV 26508

Facsimile: 304-884-1690

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

NOTARY PUBLIC OFFICIAL SEAL JESSICA L. VANGILDER State of West Virginia Comm. Expires Jul 20, 2020 SWN Production Company, LLC 179 Innovation Dr. Jane Lew, WV 26378

Subscribed and sworn before me this

My Commission Expires

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NOV 0 5 2019

WV Department of Environmental Protection

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	Requirement	: Notice shall be prov	vided at least	SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45) days prior to
Date of Notice	ce; 5/17/2018	Date of Pla	nned Entry:	5/24/2018		
Delivery met	hod pursuant	to West Virginia C	ode § 22-6A	-10a		
☐ PERSO	NAL I	REGISTERED	[] ME	TUOD OF DEL	TAMEDAL THAT DE	COURSES
SERVIC		MAIL			LIVERY THAT RE NATURE CONFIR	
DIMINIC	,,,	WAIL	KEC	EIFT OK SIGI	NATURE CONFIR	MATION
on to the surf but no more t beneath such owner of min and Sediment Secretary, wh enable the sur	ace tract to con han forty-five tract that has f erals underlyin Control Manu ich statement s face owner to	nduct any plat survey days prior to such en iled a declaration pur ag such tract in the coral and the statutes an shall include contact obtain copies from the	s required putry to: (1) The suant to sect ounty tax record rules relations	rsuant to this a te surface owne ion thirty-six, a ords. The notice ed to oil and ga- including the a	rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	eby provided			. E100		
	CE OWNER(s)			CQA:	L OWNER OR LE	SSEE
	Jamison & Jean Jam	nison			nsolidation Coal Company	
Address: 90 Li	berty St.	DECENT	r.		1000 Consol Energy Drive	Y
Seville, OH 44273		Office of Oil a		Canonsburg, I	PA 15317	
Name:		91110e 01 011 e	no das			
Address:		NOV OF 2	010		ERAL OWNER(s)	
Name:		NOV 052	7113	Name: Name:		
Address:			-	Address:		
Address.	415444	WV Departn	rent of	Rockville, MD	4414	
		Environmental P	rotection	piease attac	h additional forms if ne	cessary
Notice is her Pursuant to W a plat survey o	est Virginia C	ode § 22-6A-10(a), n land as follows:	otice is here	by given that th	e undersigned well	operator is planning entry to conduct
State:	West Virginia			Approx. Latit	ude & Longitude:	39,792781, -80,608056
County:	Marshall			Public Road A	Access:	Grapevine Road CR 25/31
District:	Liberty	Company of the state of the sta		Watershed:		Upper Fish Creek
Quadrangle:	Cameron			Generally use	d farm name:	Charles Jamison
may be obtain Charleston, W obtained from	ed from the Se V 25304 (304 the Secretary reby given by	ecretary, at the WV E 4-926-0450). Copies by visiting <u>www.dep</u> y:	epartment o	f Environmenta iments or additi	l Protection headquional information re lefault.aspx.	il and gas exploration and production narters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Telephone:		TION COMPANY, LLC		Address:	1300 Fort Pierpont Dr., S	
Email:	304-884-1610	VISIONS I		Panelocita	Morgantown, WV 26508	
LINIGIL.	brittany_woody@	демп.сот		Facsimile:	304-884-1690	

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

5 tato: 135 tagain		ntry: 4/25/2019			
PERSONAL REGISTERED MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notion to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided a but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or less beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this cowner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be a Secretary, which statement shall include contact information, including the address for a web page on the Secretar enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Add	and the second second				
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Address: Name:	7-1-1-2-1				
Name: Address: Name: Address: Name: Address: Name: Address: Addr	170	Name:		aradical desired	
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Public Road Access: Grapevine Road CR 25	-				
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Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Public Road Access: Grapevine Road CR 25	2 C C C	Name Kris		laren	
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Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Public Road Access: Grapevine Road CR 25	20 Pri	Tipp City, OH	45371		
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Public Road Access: Grapevine Road CR 25	010	*please attacl	h additional forms if neo	cessary	
State: West Virginia Approx. Latitude & Longitude: 39.792781, -80.608056 County: Marshall Public Road Access: Grapevine Road CR 25	iven: S ginia Code § 22-6A-10(a), notice is		e undersigned well	operator is planning entry to conduct	
		Approx. Latit	ude & Longitude:	39.792781,-80.608056	
District: Liberty Watershed: Upper Fish Creek	1	and the same of th	Access:	Grapevine Road CR 25/31	
			Watershed: Upper Fish Creek		
Quadrangle: Cameron Generally used farm name: Charles Jamison	n	Generally use	d farm name:	Charles Jamison	
Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas explorat may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizonta obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx . Notice is hereby given by:	n the Secretary, at the WV Departm 304 (304-926-0450). Copies of succeptary by visiting www.dep.wv.go were by:	nent of Environmenta h documents or addit w/oil-and-gas/pages/o	Il Protection headquional information re default.aspx.	uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be	
Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont Dr., Suite 201		Address:			
Telephone: 304-884-1610 Morgantown, WV 26508	884-1610				
Email: brittany_woody@swn.com Facsimile: 304-884-1690	ny_woody@swn.com	Facsimile:	304-884-1690		

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry	Notice:				ned Entry		ys out no more than	TORTY-FIVE (45) days prior to	
Deliver	y method	I pursuant to	West Virg	ginia Co	de § 22-6/	A-10a			
	PERSONAL E REGISTERED SERVICE MAIL				☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION				
on to the but no rebeneath owner cand Sed Secretar enable to	e surface more than such trac of mineral liment Co ry, which the surfac	tract to condu- forty-five day at that has filed is underlying sontrol Manual statement sha e owner to ob	nct any plat ys prior to s d a declarat such tract in and the stat all include o tain copies	surveys such entra ion purs the cout tutes and contact in	required p ry to: (1) T suant to sec unty tax red d rules rela nformation	ursuant to this ar the surface owner tion thirty-six, and cords. The notice ted to oil and gas a, including the ac	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to	
		provided to:				Пос	0112 TO 02 1 TO	0000	
		OWNER(s)					OWNER OR LE		
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Address		natura de la companya della companya della companya de la companya de la companya della companya	2 5	6	Office	III MINE	ERAL OWNER(s)		
1100100	Address:		REC	Name: \Diane L. Perry a/k/a Diane Lynne Russell					
Name:			2.23	cn.	ECEI of Oil	Address: 6554 Softwind Ave. NW			
Address			E d	1		North Centon, OH 44720			
	- Annual and		25	- 8	a 0	*please attac	additional forms if nee	cessary	
			t of		Gas				
Notice	is hereb	y given:				والمائدة أناوالك			
					otice is her	eby given that th	e undersigned well	operator is planning entry to conduct	
		the tract of lar	id as follow	S:		Ammon I offe	ade & Longitude:	39.792781, -80.608056	
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Contraction of the	Quadrangle: Cameron			Generally used farm name: Charles Jamison		Charles Jamison			
may be Charles obtained	obtained ton, WV d from th is herel	from the Secr 25304 (304-9 e Secretary by by given by:	retary, at the 926-0450). v visiting <u>w</u>	e WV D Copies ww.dep.	epartment of such do	of Environmenta cuments or addit l-and-gas/pages/c	I Protection headque on al information re lefault.aspx.	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be	
	•	SWN PRODUCTION	JN COMPANY,	LLC		Address:	1300 Fort Pierpont Dr.,		
Telepho Email:	one:	304-884-1610 brittany_woody@s				Facsimile:	Morgantown, V/V 26505 304-884-1690		

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Re	equirement:	Notice shall be pr	ovided	l at least	SEVEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to
Date of Notice:	4/18/2019	Date of P	lanned	l Entry:	4/25/2019		
Delivery metho	d pursuant i	to West Virginia	Code	§ 22-6A	-10a		
☐ PERSONA	L I	REGISTERED	1] ME	THOD OF DEL	IVERY THAT RE	EQUIRES A
SERVICE		MAIL				IATURE CONFIR	
on to the surface but no more that beneath such tra owner of minera and Sediment C Secretary, which enable the surface	tract to cond n forty-five d ct that has fil als underlying ontrol Manua n statement sl ce owner to co	luct any plat surve ays prior to such e ed a declaration p g such tract in the all and the statutes hall include contact btain copies from	eys requentry to oursuan county and rule ot infor	uired put b: (1) That to sect tax recolles related mation,	rsuant to this are surface owner ion thirty-six, and ords. The noticed to oil and gas including the actions.	ticle. Such notice s of such tract; (2) to ticle six, chapter to shall include a state exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is hereby		o:			П		
	OWNER(s)		響		10000	LOWNER OR LE	
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Name:		Ed	20	an E		2415 Coker Ave	
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		ec of		Gas	*please attac	n additional forms if ne	cessary
		ion					
Notice is here! Pursuant to Wes		de § 22-6A-10(a)	, notice	e is here	by given that th	e undersigned well	l operator is planning entry to conduct
a plat survey on							
State: W	Vest Virginia					nde & Longitude:	39,792781, -80.608056
County: N	larshall		,		Public Road A	Access:	Grapevine Road CR 25/31
-	berty				Watershed: Upper Fish Creek		
Quadrangle: c	ameron				Generally use	d farm name:	Charles Jamison
may be obtained Charleston, WV	from the Se 25304 (304 se Secretary I by given by	cretary, at the WV -926-0450). Copi by visiting <u>www.d</u>	Departes of s	rtment o uch doc	f Environmenta uments or additi	l Protection headquoinal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Telephone:	304-884-1610	TOTA GOME ANT, ELG		\longrightarrow		Morgantown, WV 26508	
Email:	Ti-T194 1 Ti- T-	Vanada Carlos			Facsimile:	304-884-1690	
Luidii.	britteny_woody@	zswn.com			i desimile.	004-004-1020	

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

- HE OF LIGHTEE	4/18/2019	Date of Plann	ed Entry: 4/25/2019
Delivery meth	od pursuant to Wes	t Virginia Cod	le § 22-6A-10a
□ PERSON SERVICE			☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more that beneath such to owner of miner and Sediment C Secretary, whice enable the surface.	te tract to conduct any an forty-five days price act that has filed a de rals underlying such to Control Manual and the	y plat surveys r or to such entry claration pursu ract in the cour ne statutes and lude contact in	for to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams tant to section thirty-six, article six, chapter twenty-two of this code; and (3) any noty tax records. The notice shall include a statement that copies of the state Erosio rules related to oil and gas exploration and production may be obtained from the formation, including the address for a web page on the Secretary's web site, to secretary.
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Address:	真真	0 0	Wintersville, OH 43953
	1 Di	38	*please attach additional forms if necessary
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	on on		
Notice is here	on		
	eby given:	2-6A-10(a), not	tice is hereby given that the undersigned well operator is planning entry to conduct
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a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, WY	eby given: est Virginia Code § 22 the tract of land as f West Virginia Marshall Liberty Cameron tate Erosion and Sedi: d from the Secretary, 7 25304 (304-926-04	ment Control N at the WV Dep	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
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Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, Wyobtained from the County of the state of the s	eby given: est Virginia Code § 22 in the tract of land as f West Virginia Marshall Liberty Cameron tate Erosion and Sedi: d from the Secretary, / 25304 (304-926-04) the Secretary by visiti	ment Control Mat the WV Deptso). Copies of	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57 th Street, SE, f such documents or additional information related to horizontal drilling may be
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Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry Date of Noti	ce: 4/18/2019 Da	ate of Planned Em			n FORT Y-FIVE (45) days prior to
Delivery me	thod pursuant to West V	irginia Code § 22	-6A-10a		
□ PERSO SERVIC			METHOD OF DEL RECEIPT OR SIGN		The state of the s
on to the surf but no more to beneath such owner of min and Sediment Secretary, when able the sur	ace tract to conduct any place tract to conduct any place than forty-five days prior to tract that has filed a declarerals underlying such tract Control Manual and the s	lat surveys required to such entry to: (1) ration pursuant to st in the county tax statutes and rules recontact information.	d pursuant to this ar) The surface owner section thirty-six, ar records. The notice elated to oil and gas ion, including the ar	ticle. Such notice of such tract; (2) ticle six, chapter to shall include a state exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
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			iereby given that th	e undersigned wel	l operator is planning entry to conduct
	on the tract of land as folk	ows:	147 SSEA V Dec		Mark works
State:	West Virginia			ide & Longitude:	39.792781, -80.608056
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may be obtain Charleston, V obtained from Notice is he Well Operato	Cameron state Erosion and Sedimer ned from the Secretary, at VV 25304 (304-926-0450) n the Secretary by visiting creby given by:	the WV Departme). Copies of such a www.dep.wv.gov/	Generally use and the statutes and nt of Environmenta documents or additi	I rules related to o I Protection headq onal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Quadrangle: Copies of the may be obtain Charleston, V obtained from Notice is he	Cameron state Erosion and Sedimer ned from the Secretary, at VV 25304 (304-926-0450) n the Secretary by visiting creby given by:	the WV Departme). Copies of such a www.dep.wv.gov/	Generally used and the statutes and nt of Environmenta documents or additional-gas/pages/d	I rules related to o I Protection headq onal information r efault.aspx.	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time	Requirement: 1	Notice shall be pro-	vided at least	SEVEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to
Date of Notic	e: 4/18/2019	Date of Pla	nned Entry:	4/25/2019		
Delivery met	hod pursuant t	o West Virginia C	ode § 22-6A	-10a		
☐ PERSO	NAL I	REGISTERED	☐ ME	THOD OF DEL	IVERY THAT RE	EOUIRES A
SERVIC	E	MAIL			ATURE CONFIR	4 T 34 Y 136 Y 1
on to the surfa but no more the beneath such owner of mine and Sediment Secretary, when able the sur	ace tract to cond tran forty-five da tract that has file erals underlying Control Manual ich statement sh face owner to ob	uct any plat survey tys prior to such en ed a declaration pu- such tract in the co l and the statutes an all include contact otain copies from the	s required putry to: (1) The remark to sect ounty tax record rules relations formation,	rsuant to this ar le surface owner ion thirty-six, ar ords. The notice ed to oil and gas	ticle. Such notice s of such tract; (2) ticle six, chapter to shall include a state exploration and pro-	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	eby provided to	*				
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20.204013.3	***	66 0	Gas	100	additional forms if ne	cessary
		lio		*******		
Notice is her	reby given:	7				
		de § 22-6A-10(a),	notice is here	by given that th	e undersigned well	operator is planning entry to conduct
a plat survey	on the tract of la	nd as follows:				
State:	West Virginia		0.000		ide & Longitude:	39.792781, -80.608056
County:	Marshall			Public Road A	ccess:	Grapevine Road CR 25/31
District:	Liberty		_	Watershed:		Upper Fish Creek
Quadrangle:	Cameron			Generally use	d farm name:	Charles Jamison
may be obtain Charleston, W obtained from Notice is her	ed from the Sec V 25304 (304-	retary, at the WV I 926-0450). Copies y visiting <u>www.de</u>	Department of of such door	f Environmenta uments or additi	l Protection headquonal information re	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
		SU SOME DITTE		12001000	Morgantown, WV 26508	
Telephone: Email:	304-884-1610 brittany_woody@s			Facsimile:	304-884-1690	

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

		quirement:	Notice shall be prov	ided at least SI	EVEN (7) da	ys but no more than	n FORTY-FIVE (45) days prior to
Date	of Notice:	4/18/2019	Date of Plan	ned Entry: 4/2	25/2019		
Dalia	rami maatka	d					
Dem	very memo	a pursuant i	to West Virginia C	ode 8 22-0A-10	ia		
	PERSONA	L	REGISTERED	☐ METH	OD OF DEL	IVERY THAT RE	QUIRES A
	SERVICE		MAIL			ATURE CONFIR	
on to but n bene- owned and S Secretenab	the surface o more than ath such tracer of minera Sediment Co etary, which le the surface	tract to cond in forty-five d ct that has fill is underlying ontrol Manual istatement sl ce owner to o	duct any plat surveys ays prior to such ent ed a declaration pur g such tract in the co all and the statutes an nall include contact obtain copies from the	s required pursuity to: (1) The sum to section unty tax record drules related information, incompared	nant to this ar urface owner thirty-six, and s. The notice to oil and gas	ticle. Such notice s r of such tract; (2) the rticle six, chapter to e shall include a state s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
		provided to	0:		П		
	SURFACE	OWNER(s)	1			LOWNER OR LE	
Nam			-	-37	Name:		
Addı	ess:		M	으 으	Address:		
			3,3	G A			
Nam	e:		52 2	-9.8	[m]		
Addr	ress:		Det 0	- Q D		ERAL OWNER(s)	
11	_			- And		ma Jean Hamel	
Nam			2 2			24583 Calle Magdalena	- I - I - I - I - I - I - I - I - I - I
Addr	ess:		Pla To	Gas	Murrieta, CAS		
			- 0	- 0	*please attac	h additional forms if ne	cessary
Purst		t Virginia Co	ode § 22-6A-10(a), r	otice is hereby	given that th	e undersigned well	l operator is planning entry to conduct
State	: w	est Virginia	and the Advisory of the			ude & Longitude:	39.792781, -80.608056
Cour	ity: M	arshall			ublic Road A	Access:	Grapevine Road CR 25/31
Distr	ict: Li	berty		T	Vatershed:		Upper Fish Creek
Quad	Irangle: Ca	ameron			Generally use	d farm name:	Charles Jamison
may Char obtai	be obtained leston, WV ned from th ice is herel Operator:	from the Sec 25304 (304 se Secretary by given by swn product	cretary, at the WV I -926-0450). Copies by visiting <u>www.der</u>	Department of E of such docum	nvironmenta ents or addit	Il Protection headquional information re lefault.aspx.	
						AA IAAL AACA	
Telej		304-884-1610			Facsimile:	Morgantown, WV 2650	8

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Tim	e Requirement:	Notice shall be provide	led at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
	tice: 4/18/2019	Date of Plann	ed Entry: 4/25/2019
Delivery m	ethod pursuant	to West Virginia Coo	le § 22-6A-10a
☐ PERSO	ONAL I	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERV		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the sur but no more beneath suc owner of mi and Sedime Secretary, we enable the s	rface tract to come than forty-five do the tract that has fi- inerals underlying the Control Manual which statement sinurface owner to come	duct any plat surveys a lays prior to such entry led a declaration pursug such tract in the could all and the statutes and hall include contact in obtain copies from the	or to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams ant to section thirty-six, article six, chapter twenty-two of this code; and (3) any that the records. The notice shall include a statement that copies of the state Erosion rules related to oil and gas exploration and production may be obtained from the formation, including the address for a web page on the Secretary's web site, to secretary.
	reby provided t	0:	COAL ONATED OR LEGGER
	CE OWNER(s)	1	LI COAL OWNER OR LESSEE
Address:		ш д	Name:Address:
		74 70 00	
Name:		2 2	MINERAL OWNER(s) Name:\Joyce A. Wagner Address: 8347 Chinaberry Pl.
Address: _		Dept 5	MINERAL OWNER(s) Name:\Joyce A. Wagner Address: 8317 Chinaberry Pl.
Name:	*		Name: Joyce A. Wagner Address: 8317 Chinaberry Pf.
Address:		1100	
		0.0	Huber Heights, OH 45424 *please attach additional forms if necessary
Pursuant to a plat survey	ereby given: West Virginia Co on the tract of la		ice is hereby given that the undersigned well operator is planning entry to conduct
State:	West Virginia		Approx. Latitude & Longitude: 39.792781, -80.608056
County:	Marshall		Public Road Access: Grapevine Road CR 25/31
District: Quadrangle:	Liberty		Watershed: Upper Fish Creek
Quadrangie.	Cameron		Generally used farm name: Charles Jamison
may be obta Charleston,	ined from the Se WV 25304 (304	cretary, at the WV De- -926-0450). Copies of	Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57 th Street, SE, f such documents or additional information related to horizontal drilling may be v.gov/oil-and-gas/pages/default.aspx.
Notice is h Well Operat	ereby given by	TON COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201
			Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508 Facsimile: 304-884-1690

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Tim	ie Requiremer	it. Notice shall be prov	ided at least SEVEN (7) days but no more that	an FORTY-FIVE (45) days prior to				
Date of No	tice: 4/18/2019	Date of Plan	ned Entry: 4/25/2019					
Delivery m	ethod pursua	nt to West Virginia Co	de § 22-6A-10a					
☐ PERS	ONAL [REGISTERED	☐ METHOD OF DELIVERY THAT R	FOURES A				
SERV		MAIL	RECEIPT OR SIGNATURE CONFIL					
OLIC V	ICL	MAIL	RECEIL I OK BIGINATOKE CONTI	NWATION				
on to the su but no more beneath suc owner of m and Sedime Secretary, v enable the s	rface tract to content than forty-five than forty-five that has inerals underly ent Control Many which statements owner to the control of the co	onduct any plat surveys e days prior to such ent filed a declaration pur- ing such tract in the co- nual and the statutes an t shall include contact in o obtain copies from the	rior to filing a permit application, the operato required pursuant to this article. Such notice by to: (1) The surface owner of such tract; (2) muant to section thirty-six, article six, chapter into the traction thirty-six, article six, chapter into the traction of the notice shall include a standard rules related to oil and gas exploration and performation, including the address for a web per secretary.	shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the				
	ereby provideo ACE OWNER(COAL OWNER OR LE	acerr				
	ACE OWNER	(S)		☐ COAL OWNER OR LESSEE				
Name:			Name:					
Address: _		0 7	Address:	-1				
Nome		33 2	MINERAL OWNER(s) Name: Douglas Gosney					
Address.		TO O	MINERAL OWNER(s)					
Address		7 5 5	MINERAL OWNER(s) Name: Douglas Gosney Address: 231 Woodridge Dr Apt. C. Wintersville, SH 43953 *please attach additional forms if no					
Vame:			Name: Douglas Gosney Address: 231 Woodnage Dr Apt. C-	204				
Address:		77 7	Address: 231 Woodnage Dr Apt. C. Wintersville, 9H 43953	-204				
10010001		10.3	*please attach additional forms if no	onacram/				
		6 9	prease attach additional forms if he	ccessaly				
Notice is b	ereby given:	of						
			otice is hereby given that the undersigned wel	I appretor is planning antas to conduct				
a plat curve	v on the tract o	f land as follows:	once is hereby given that the undersigned wer	if operator is prainting entry to conduct				
State:	West Virginia	I failu as follows.	Approx. Latitude & Longitude:	39.792781, -80.608056				
	Marshall		Public Road Access:	Grapevine Road CR 25/31				
	Sec. All Control of the Control of t	12						
District:	Liberty			Upper Fish Creek				
County: District: Quadrangle	Liberty		Generally used farm name:	Upper Fish Creek Charles Jamison				
District: Quadrangle Copies of the may be obta Charleston, obtained fro	Liberty Cameron ne state Erosion ained from the WV 25304 (3 on the Secretar aereby given	Secretary, at the WV D 04-926-0450). Copies y by visiting <u>www.dep</u> by:	Generally used farm name: Manual and the statutes and rules related to o epartment of Environmental Protection headq of such documents or additional information a wv.gov/oil-and-gas/pages/default.aspx.	Charles Jamison oil and gas exploration and production quarters, located at 601 57th Street, SE, related to horizontal drilling may be				
District: Quadrangle Copies of the may be obta Charleston, obtained fro Notice is h Well Opera	Liberty Cameron ne state Erosion ained from the WV 25304 (3 on the Secretar aereby given tor: SWN PRODU	Secretary, at the WV D 04-926-0450). Copies y by visiting <u>www.dep</u> by: UCTION COMPANY, LLC	Generally used farm name: Manual and the statutes and rules related to o epartment of Environmental Protection headq of such documents or additional information of wv.gov/oil-and-gas/pages/default.aspx. Address: 1300 Fort Pierpont Dr.,	Charles Jamison il and gas exploration and production quarters, located at 601 57 th Street, SE, related to horizontal drilling may be Suite 201				
District: Quadrangle Copies of the may be obta Charleston, obtained fro	Liberty Cameron ne state Erosion ained from the WV 25304 (3 on the Secretar aereby given	Secretary, at the WV D 04-926-0450). Copies y by visiting <u>www.dep</u> by: UCTION COMPANY, LLC	Generally used farm name: Manual and the statutes and rules related to o epartment of Environmental Protection headq of such documents or additional information a wv.gov/oil-and-gas/pages/default.aspx.	Charles Jamison il and gas exploration and production quarters, located at 601 57 th Street, SE, related to horizontal drilling may be Suite 201				

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Date of Notice	4/18/2019	Data at Dis-	
			nned Entry: 4/25/2019
Delivery meth	od pursuant	to West Virginia Co	ode § 22-6A-10a
☐ PERSON SERVICE		REGISTERED MAIL	☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more the beneath such to owner of mine and Sediment (Secretary, whice enable the surf	ce tract to cond an forty-five d ract that has fil rals underlying Control Manua ch statement sh ace owner to o	luct any plat surveys ays prior to such ent ed a declaration pur- such tract in the co- l and the statutes an- tall include contact in btain copies from the	Prior to filing a permit application, the operator shall provide notice of planned entry a required pursuant to this article. Such notice shall be provided at least seven days try to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams suant to section thirty-six, article six, chapter twenty-two of this code; and (3) any unty tax records. The notice shall include a statement that copies of the state Erosio d rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to e secretary.
Notice is herel):	
☐ SURFACE	E OWNER(s)	W	☐ COAL OWNER OR LESSEE
		**	Name;
Address:		TI.	Address:
		24 6	Address: MINERAL OWNER(s) Name: Sandra Sue Peklinsky Address: 126 Grant Ave Wheeling, WV 25003
Name:		3 2 2	200
Address:		170	MINERAL OWNER(s)
		2 6	Name: Sandra Sue Peklinsky
Name:		23 6	Address: 126 Grant Ave
Address:		60	Wheeling, WV 26003
		00	*please attach additional forms if necessary
Matian in how	her aterias	Chion	
Notice is here			
a plat survey or	st virginia Co	de g ZZ-bA-10(a), no	otice is hereby given that the undersigned well operator is planning entry to conduct
	Titte tract of ta West Virginia	na as ionows:	American Funda de O. Funda de Julio de Companyo
4.77	Marshall		Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31
	Liberty		
Quadrangle:			Watershed: Upper Fish Creek Generally used farm name: Charles Jamison
	Dameron		Granes Jamison
Z		10.1	Manual and the statutes and rules related to oil and gas exploration and production
Copies of the si may be obtaine Charleston, WV	d from the Sec 7 25304 (304-	retary, at the WV D 926-0450). Copies	epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .
Copies of the same be obtaine Charleston, W	d from the Sec 7 25304 (304-	retary, at the WV D 926-0450). Copies	epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be
Copies of the si may be obtaine Charleston, WV obtained from t	d from the Sec 7 25304 (304- the Secretary b	retary, at the WV D. 926-0450). Copies of y visiting <u>www.dep.</u>	epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be
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Copies of the sinay be obtaine Charleston, W obtained from the Notice is here	d from the Sec 7 25304 (304- the Secretary b by given by:	retary, at the WV D 926-0450). Copies y visiting <u>www.dep.</u>	epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be wv.gov/oil-and-gas/pages/default.aspx .

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time I entry	Requirement:	Notice shall be prov	vided at lea	st SEVEN (7) day	s but no more than	n FORTY-FIVE (45) days prior to		
Date of Notice	e: 4/18/2019	Date of Plan	nned Entr	y: 4/25/2019				
Delivery meth	od pursuant	to West Virginia C	ode § 22-6.	A-10a				
☐ PERSON	IAL 🔳	REGISTERED	□м	ETHOD OF DEL	IVERY THAT RE	QUIRES A		
SERVICE		MAIL	RE	ECEIPT OR SIGN	ATURE CONFIR	MATION		
on to the surfa but no more th beneath such to owner of mine and Sediment Secretary, whi enable the surfa	ce tract to condan forty-five deract that has fiverals underlying Control Manuach statement sifece owner to control co	duct any plat surveys lays prior to such end led a declaration pur g such tract in the co all and the statutes and hall include contact obtain copies from the	s required partry to: (1) The suant to second rules relationships and rules relationships are successful to the suant rules ru	pursuant to this are The surface owner ction thirty-six, are cords. The notice ated to oil and gas n, including the ac	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
Notice is here					0115 IDN 05 1 5	CODD		
☐ SURFAC	E OWNER(s)			COAL OWNER OR LESSEE				
Name:		18.	_	Name:				
Address:		9) 10	Address: _				
h Tabada		2 2 0	ACB PA					
Name:		32 2	9.6	MI MINIE	RAL OWNER(s)			
Address:		300	-0.6		ager Enterprises, LLC			
Name:	I-fanismo-ur-t	3 9 -2	- 31 6	Address:				
Address:		100	- 0	Wheeling, WV				
		0 1	Gas		additional forms if ne	Cessary		
		10 O.	_	product distance				
Notice is her	ehy given:	ecilor						
Pursuant to W	est Virginia Co		notice is he	rehy given that th	e undersigned well	l operator is planning entry to conduct		
		and as follows:						
State:	West Virginia			Approx. Latit	ide & Longitude:	39.792781, -80.608056		
County:	Marshall			Public Road A		Grapevine Road CR 25/31		
District:	Liberty			Watershed:		Upper Fish Creek		
Quadrangle:				Generally use	d farm name:	Charles Jamison		
may be obtain Charleston, W	ed from the Se V 25304 (304 the Secretary eby given by	cretary, at the WV I i-926-0450). Copies by visiting <u>www.der</u>	Department s of such do	of Environmenta ocuments or additi	I Protection headq onal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be Suite 201		
Telephone:	304-884-1610			- 1000000000000000000000000000000000000	Morgantown, WV 2650			
Email:	1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	Seum com		Facsimile:	304-884-1690			
Legalicati.	brittany_woody(шантерт —			- Constant Care			

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Beguirement: Notice shall be provided at least SEVEN (7) days but no more than EODTY EIVE (45) days prior to

entry Date of Notice:	4/18/2019	Date of Plan	ed Entry; 4/25/2019
Delivery metho	d pursuant	to West Virginia C	e § 22-6A-10a
☐ PERSONA	L 🔳	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more than beneath such tra bwner of minera and Sediment Co Secretary, which	e tract to cond in forty-five d ct that has fil ils underlying ontrol Manua in statement sl	duct any plat surveys ays prior to such en- led a declaration pur g such tract in the co al and the statutes an	or to filing a permit application, the operator shall provide notice of planned entry equired pursuant to this article. Such notice shall be provided at least seven days to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams ant to section thirty-six, article six, chapter twenty-two of this code; and (3) any ty tax records. The notice shall include a statement that copies of the state Erosio rules related to oil and gas exploration and production may be obtained from the formation, including the address for a web page on the Secretary's web site, to secretary.
Notice is hereby	y provided to	o:	
SURFACE	OWNER(s)	**	☐ COAL OWNER OR LESSEE
Name:	The second second second		
Address:		m 2	Name:Address:
		33 %	9,0
Vame:		350	
Address:		3,9, 0	MINERAL OWNER(s)
		23	Name: Summer Daun Miller
			Address: 1309 Center St
Address:		0.3	Maundsville, WV 26003
-		Q ₁	*please attach additional forms if necessary
Notice is herel	har ediston.	ion	
		de 8 22_64_10/e) n	ce is hereby given that the undersigned well operator is planning entry to conduct
plat survey on	the tract of la	and as follows:	oe is necessy given that the undersigned well operator is planning entry to conduct
	est Virginia		Approx. Latitude & Longitude: 39.792781, -80.608056
	arshall		Public Road Access: Grapevine Road CR 25/31
	berty		Watershed: Upper Fish Creek
uadrangle: Ca	imeron		Generally used farm name: Charles Jamison
nay be obtained Charleston, WV	from the Sec 25304 (304-	cretary, at the WV D -926-0450). Copies	anual and the statutes and rules related to oil and gas exploration and production artment of Environmental Protection headquarters, located at 601 57 th Street, SE, such documents or additional information related to horizontal drilling may be v.gov/oil-and-gas/pages/default.aspx.
	370.3223		
Tuestan to Vancous	y given by	:	
	DIAM DECEMENT	TON COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201
Vell Operator:	SWN PRODUCT	rest a service and the season.	
Votice is nerei Vell Operator: Telephone:	304-884-1610	781, 3411172, (7844	Morgantown, WV 26508

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

		juirement:	Notice shall be prov	ded at least SEVEN (7) de	ys but no more tha	in FORTY-FIVE (45) days prior to			
Date	of Notice:	4/18/2019	Date of Plan	ned Entry: 4/25/2019					
Dall		(market in the later)							
Den	very method	pursuant	to West Virginia C	de § 22-6A-10a					
	PERSONAL		REGISTERED	☐ METHOD OF DE	LIVERY THAT RE	EQUIRES A			
	SERVICE		MAIL	RECEIPT OR SIG					
on to but n bene owne and S Secre enab	the surface o more than ath such trace of mineral sediment Contains, which le the surface	tract to cond forty-five d t that has fil s underlying ntrol Manua statement sl e owner to c	fuct any plat surveys ays prior to such end led a declaration pur g such tract in the co all and the statutes and hall include contact obtain copies from the	required pursuant to this a y to: (1) The surface owns uant to section thirty-six, a unty tax records. The notic I rules related to oil and ga aformation, including the	rticle. Such notice s or of such tract; (2) or ticle six, chapter t e shall include a sta s exploration and p	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to			
	ce is hereby SURFACE (o; <u>«</u>	□ 004	I OWNER OR I P	CORP			
Nam		WHER(S)	Q.		COAL OWNER OR LESSEE Name:				
	ess:	-	1 1 8	Address					
ruui			24 9	Tradicas.					
Nam	e:		300	5.57 -					
Addr	ess:		33 0		ERAL OWNER(s)				
			38 6	Name: 4e	frey H. Cunningham I				
Nam	e:		7.3 0	72577777	1947 Burch Ridge Road				
Addr	ess:		0 0	Proctor, WV	STATE OF THE PARTY				
			Com	*please attac	h additional forms if ne	cessary			
Pursu	survey on the	Virginia Co			ne undersigned well	l operator is planning entry to conduct			
Coun		shall		Public Road		Grapevine Road CR 25/31			
Distr		erty		Watershed:	-57.0.77.1	Upper Fish Creek			
Quad	rangle: Car	neron		Generally use	ed farm name:	Charles Jamison			
may Char obtai	be obtained to leston, WV ned from the ce is hereb	from the Sec 25304 (304) Secretary by y given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	epartment of Environment	al Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be			
		A CHARLEST CONT.	TON COMPANY, LLC	11441955.					
	hone:	SWN PRODUCT 304-884-1610 oritany_woody@		Facsimile:	Morgantown, WV 26508				

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Reentry	equirement:	Notice shall be prov	vided at least SEVEN (7	days but no more th	an FORTY-FIVE (45) days prior to			
Date of Notice:	4/18/2019	Date of Plan	nned Entry: 4/25/2019					
Delivery metho	od pursuant i	to West Virginia C	ode § 22-6A-10a					
☐ PERSONA	AL I	REGISTERED	☐ METHOD OF	ELIVERY THAT F	REOURES A			
SERVICE		MAIL		GNATURE CONFI	Service Control of the Control of th			
on to the surface but no more that beneath such tra- owner of minera and Sediment C Secretary, which enable the surfa	e tract to cond in forty-five d not that has fil als underlying ontrol Manua in statement sl ce owner to o	luct any plat surveys ays prior to such ent ed a declaration pur s such tract in the co all and the statutes an hall include contact in btain copies from the	s required pursuant to the try to: (1) The surface of suant to section thirty-si- tunty tax records. The new drules related to oil and information, including the	s article. Such notice oner of such tract; (2 x, article six, chapter tice shall include a s gas exploration and	or shall provide notice of planned entry e shall be provided at least seven days) to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to			
Notice is hereb):						
LI SURFACE	OWNER(s)	4		☐ COAL OWNER OR LESSEE				
Name:		9	Name:					
Address:		1 1	Addres	s:				
Name:		25	-00					
Name:		3, 50	ME BE	NERAL OWNER(s)			
	111	6 %	7 0	Gaily Hosking	,			
Name:		63		s: 647 Basswood Ave				
Address:		33		on, OH 44614				
		0.0	*please	ttach additional forms if r	necessary			
a plat survey on	t Virginia Co the tract of la				ell operator is planning entry to conduct			
F 4.1AT	lest Virginia			titude & Longitude:				
			Public Ros Watershed		Grapevine Road CR 25/31 Upper Fish Creek			
Quadrangle: C				ised farm name:	Charles Jamison			
may be obtained Charleston, WV obtained from th Notice is here!	from the Sec 25304 (304- e Secretary b	eretary, at the WV D 926-0450). Copies y visiting <u>www.dep</u>	epartment of Environme	ntal Protection head ditional information es/default.aspx.	oil and gas exploration and production quarters, located at 601 57 th Street, SE, related to horizontal drilling may be			
	-							
Telephone: Email:	304-884-1610		Facsimi	Morgantown, WV 265	08			

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time R	cequirement:	rionee shall be prov	ded at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Date of Notice	4/18/2019	Date of Plan	ned Entry: 4/25/2019
Delivery meth	od pursuant	to West Virginia Co	de § 22-6A-10a
☐ PERSON	AL I	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more that beneath such tr owner of miner and Sediment C Secretary, which	ce tract to cond an forty-five d act that has fil rals underlying Control Manua ch statement sh	fuct any plat surveys ays prior to such ent ed a declaration pur- g such tract in the co Il and the statutes an	rior to filing a permit application, the operator shall provide notice of planned entirequired pursuant to this article. Such notice shall be provided at least seven day, by to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seam uant to section thirty-six, article six, chapter twenty-two of this code; and (3) any onty tax records. The notice shall include a statement that copies of the state Eros I rules related to oil and gas exploration and production may be obtained from the afformation, including the address for a web page on the Secretary's web site, to execretary.
Notice is hereb	by provided to):	
☐ SURFACE	E OWNER(s)		☐ COAL OWNER OR LESSEE
Name:		4	Name:
Address:		9	Address:
N		CT 1 8	<u> </u>
Name: Address:		35 2	MINERAL OWNER(s)
Addiess.		300	Name: Bryan Hosking
Name:		3 6	
Address:		63 3	Address: 608 Indian Tr Akron, OH 44314
And the same		23	*please attach additional forms if necessary
a plat survey or	est Virginia Co the tract of la	de § 22-6A-10(a), nand as follows:	tice is hereby given that the undersigned well operator is planning entry to condu
_	West Virginia		Approx. Latitude & Longitude: 39.792781, -80.608056
	Marshall Liberty		Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
			Watershed: Upper Fish Creek Generally used farm name: Charles Jamison
Unadranole: (Cameron		
Quadrangle: _(Cameron		Solicitary used farm figures.
Copies of the st may be obtained Charleston, WV	tate Erosion and from the Section 25304 (304-	retary, at the WV D 926-0450). Copies	Manual and the statutes and rules related to oil and gas exploration and production are partment of Environmental Protection headquarters, located at 601 57th Street, Stree
Copies of the st may be obtained Charleston, WV obtained from t	tate Erosion and from the Sec 7 25304 (304- the Secretary b	retary, at the WV D 926-0450). Copies y visiting <u>www.dep.</u>	Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57th Street, Street, Struck documents or additional information related to horizontal drilling may be
Copies of the st may be obtained Charleston, WV	tate Erosion and from the Sec 7 25304 (304- the Secretary b	retary, at the WV D 926-0450). Copies y visiting <u>www.dep.</u>	Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57 th Street, S. of such documents or additional information related to horizontal drilling may be wv.gov/oil-and-gas/pages/default.aspx.
Copies of the st may be obtained Charleston, WV obtained from t	tate Erosion and from the Sec 7 25304 (304- the Secretary b	retary, at the WV D 926-0450). Copies y visiting <u>www.dep.</u>	Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57th Street, Street, Struck documents or additional information related to horizontal drilling may be

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry	equitement: Notice shall be provide	ded at least SEVEN (1) da	ys but no more tha	in FURTY-FIVE (45) days prior to
	: 4/18/2019 Date of Plans	ned Entry: 4/25/2019		
Delivery meth	od pursuant to West Virginia Coo	de § 22-6A-10a		
☐ PERSON.	AL REGISTERED	☐ METHOD OF DEL	JVERY THAT RE	EOUIRES A
SERVICE		RECEIPT OR SIGN		
on to the surface but no more the beneath such tr owner of miner and Sediment C Secretary, whice enable the surface	the tract to conduct any plat surveys an forty-five days prior to such entract that has filed a declaration pursuals underlying such tract in the couldontrol Manual and the statutes and the statutes that has tatement shall include contact in the owner to obtain copies from the	required pursuant to this at y to: (1) The surface owne uant to section thirty-six, a nty tax records. The notic rules related to oil and ga- iformation, including the a	rticle. Such notice : r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attendent that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	y provided to:			de pour
SURFACE			L OWNER OR LE	
Name:	4	Name:		
Address:		Address:		
Name:	m E	8 2		
Address:	3 2 2	See MINI	ERAL OWNER(s)	
	000			
Name:	2 2	Address:	n Thomas Holl 1927 Charles Partin Dr	
Address:		Parrish, FL 34	219	
	7 6		h additional forms if ne	cessary
a plat survey on State:	st Virginia Code § 22-6A-10(a); not the tract of land as follows: Vest Virginia	Approx. Latit	ide & Longitude:	operator is planning entry to conduct
	Marshali	Public Road A	Access:	Grapevine Road CR 25/31
	iberty	Watershed:	VIII A CONTROL OF	Upper Fish Creek
Quadrangle: 0	ameron	Generally use	d farm name:	Charles Jamison
may be obtained Charleston, WV	I from the Secretary, at the WV De 25304 (304-926-0450). Copies on the Secretary by visiting			

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time entry Date of Notic			d at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to				
Delivery me	thod pursuant	to West Virginia C	§ 22-6A-10a				
☐ PERSO		REGISTERED MAIL	☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION				
on to the surf but no more t beneath such owner of min and Sediment Secretary, wh	ace tract to cond han forty-five d tract that has fil erals underlying Control Manua ich statement sl	luct any plat survey ays prior to such en ed a declaration put such tract in the co all and the statutes an	to filing a permit application, the operator shall provide notice of planned entry quired pursuant to this article. Such notice shall be provided at least seven days of (1) The surface owner of such tract; (2) to any owner or lessee of coal seams at to section thirty-six, article six, chapter twenty-two of this code; and (3) any of tax records. The notice shall include a statement that copies of the state Erosion also related to oil and gas exploration and production may be obtained from the rmation, including the address for a web page on the Secretary's web site, to accretary.				
Notice is her	eby provided t	o:					
☐ SURFAC	CE OWNER(s)	*	☐ COAL OWNER OR LESSEE				
Name:		Office	Name:				
Address:	T.	50	Address:				
	1	3 7 6					
Name:		200					
Address:		700	MINERAL OWNER(s)				
		83 %	Name: James Hosking				
Name:		10 10	Address: 906 Denshire Dr. NW				
Address:		69	Canal Fulton, OH 44614 *please attach additional forms if necessary				
		- Q	*prease attach additional forms in necessary				
Notice is he	reby given:	2					
Pursuant to V	Vest Virginia Co	de 8 22-6A-10(a)	e is hereby given that the undersigned well operator is planning entry to conduct				
	on the tract of l		a to marcol, Britan and and an enteringues and a feet of the feet				
State:	West Virginia	100-11-	Approx. Latitude & Longitude: 39.792781,-80.608056				
County:	Marshall		Public Road Access: Grapevine Road CR 25/31				
District:	Liberty		Watershed: Upper Fish Creek				
Quadrangle:	Cameron		Generally used farm name: Charles Jamison				
may be obtain	ned from the Se VV 25304 (304	cretary, at the WV 1-926-0450). Copies	anual and the statutes and rules related to oil and gas exploration and production artment of Environmental Protection headquarters, located at 601 57 th Street, SE, such documents or additional information related to horizontal drilling may be gov/oil-and-gas/pages/default.aspx,				
obtained from							
obtained fron							
obtained from Notice is he	reby given by	r,					
Notice is he Well Operator	reby given by	TION COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201				
obtained from Notice is he	reby given by		Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508 Facsimile: 304-884-1690				

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

on to the surface tract to conduct any	Virginia Code § 22-6A-10a TERED	LIVERY THAT REQUIRES A NATURE CONFIRMATION cation, the operator shall provide notice of planned entry rticle. Such notice shall be provided at least seven days er of such tract; (2) to any owner or lessee of coal seams		
PERSONAL REGIST MAIL Pursuant to West Virginia Code § 22- on to the surface tract to conduct any	METHOD OF DE RECEIPT OR SIG 6A-10(a), Prior to filing a permit appliplat surveys required pursuant to this at to such entry to: (1) The surface owned laration pursuant to section thirty-six,	NATURE CONFIRMATION cation, the operator shall provide notice of planned entry rticle. Such notice shall be provided at least seven days		
SERVICE MAIL Pursuant to West Virginia Code § 22- on to the surface tract to conduct any	RECEIPT OR SIG 6A-10(a), Prior to filing a permit appliplat surveys required pursuant to this at to such entry to: (1) The surface owned aration pursuant to section thirty-six,	NATURE CONFIRMATION cation, the operator shall provide notice of planned entry rticle. Such notice shall be provided at least seven days		
SERVICE MAIL Pursuant to West Virginia Code § 22- on to the surface tract to conduct any	RECEIPT OR SIG 6A-10(a), Prior to filing a permit appliplat surveys required pursuant to this at to such entry to: (1) The surface owned aration pursuant to section thirty-six,	NATURE CONFIRMATION cation, the operator shall provide notice of planned entry rticle. Such notice shall be provided at least seven days		
on to the surface tract to conduct any	plat surveys required pursuant to this a to such entry to: (1) The surface own laration pursuant to section thirty-six,	rticle. Such notice shall be provided at least seven days		
beneath such tract that has filed a dec owner of minerals underlying such tra and Sediment Control Manual and the Secretary, which statement shall inch enable the surface owner to obtain co	e statutes and rules related to oil and ga de contact information, including the	article six, chapter twenty-two of this code; and (3) any see shall include a statement that copies of the state Erosion is exploration and production may be obtained from the address for a web page on the Secretary's web site, to		
Notice is hereby provided to:	П			
☐ SURFACE OWNER(s)		L OWNER OR LESSEE		
Name:Address:	Name:	Name:Address:		
Address.				
Name:				
Address:	■ MIN	ERAL OWNER(s)		
Language and the second	Name: Je	ffrey Todd Fromhart		
Name:	Address:	1309 Center St		
Address:	Moundsville,	ch additional forms if necessary		
Notice is hereby given: Pursuant to West Virginia Code § 22-		ne undersigned well operator is planning entry to conduct		
a plat survey on the tract of land as fo				
		tude & Longitude: 39.792781,-80.608056		
	Public Road Watershed:			
District: Liberty Quadrangle: Cameron		Upper Fish Creek ed farm name: Charles Jamison		
Copies of the state Erosion and Sedin may be obtained from the Secretary, a Charleston, WV 25304 (304-926-045)	nent Control Manual and the statutes as at the WV Department of Environment	nd rules related to oil and gas exploration and production all Protection headquarters, located at 601 57 th Street, SE, tional information related to horizontal drilling may be		
Nicetics & Louisian Co.				
Notice is hereby given by: Well Operator: SWN PRODUCTION COMP	ANY, LLC Address:	1200 East Discount Dr. Culls 201		
Well Operator: SWN PRODUCTION COMP Telephone: 304-884-1610	Audress.	1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508		
Email: brittany_woody@swn.com	Facsimile:	304-884-1690		
Sitterly_woody@awn.com				

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry						ys but no more tha	n FORTY-FIVE (45) days prior to
Date of Noti	ce: 4/18/2019		Date o	f Planned En	itry: 4/25/2019		
Delivery me	thod pursuant	t to Wes	t Virgi	nia Code § 22	2-6A-10a		
☐ PERSO	NAL =	REGIS	STERE	D \square	METHOD OF DEI	IVERY THAT RE	EOUTRES A
SERVI		MAIL			RECEIPT OR SIGN		
on to the sur- but no more beneath such owner of mir and Sedimen Secretary, wi	face tract to con than forty-five tract that has f nerals underlyin t Control Manu	nduct any days price filed a de ng such to nal and the shall incl	y plat so or to su claration ract in the statu lude co	arveys require ch entry to: (1 on pursuant to the county tax tes and rules retact informate.	ed pursuant to this a) The surface owne section thirty-six, a records. The notic related to oil and ga- tion, including the a	rticle. Such notice or of such tract; (2) orticle six, chapter t e shall include a st s exploration and p	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to
Notice is her	eby provided	to:					
☐ SURFA	CE OWNER(s)) _	T		□ coa	L OWNER OR LE	ESSEE
		Enviro		0			
Address:		3 3	8	#	Address:		
		70	<	0 7	Carameter :		
Name:		9.8	0	9 0	-	Carlo Car	
Address:		市当	en N	30		ERAL OWNER(s)	
NT.		ment Pilos	(C)	GD/ED		rilyn Troyer a/k/a Marilyn I	Hamel
Name: Address:		60	19	<u> </u>		2430 Meadows Ave. NW	
Address:		0		(0)	Massilon, OH	Y The second second	
Notice is he	reby given:				- prease arrac	h additional forms if ne	ressary
	Vest Virginia C on the tract of				hereby given that th	e undersigned well	l operator is planning entry to conduct
State:	West Virginia				Approx. Latit	ude & Longitude:	39.792781, -80,608056
County:	Marshall				Public Road A	Access:	Grapevine Road CR 25/31
District:	Liberty				Watershed:		Upper Fish Greek
Quadrangle:	Cameron			and to the	Generally use	d farm name:	Charles Jamison
may be obtain Charleston, V	ned from the Se VV 25304 (304	ecretary, 4-926-04	at the 7	WV Departme opies of such	nt of Environmenta	l Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Notice is be	reby given by	v.					
	T: SWN PRODUC		PANY III	3	Address:	1300 Fort Pierpont Dr.,	Suite 201
Telephone:	304-884-1610					Morgantown, WV 26508	
						TAN ENOUGH	
Email:	brittany_woody	@swn com			Facsimile:	304-884-1690	

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry		Date of				ys but no more tha	in FORTY-FIVE (45) days prior to		
		o West Virgini							
☐ PERSON SERVICE	NAL 🔳	REGISTERED MAIL		□ ме	ETHOD OF DELIVERY THAT REQUIRES A ECEIPT OR SIGNATURE CONFIRMATION				
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, while enable the surface	nce tract to cond nan forty-five di tract that has fil erals underlying Control Manua ich statement sh	luct any plat sur ays prior to sucled a declaration such tract in that and the statute all include cont btain copies fro	veys red n entry to pursual e count es and ru tact info	quired poto: (1) The second to secon	ursuant to this as ne surface owne tion thirty-six, a ords. The notic ed to oil and gas including the a	rticle. Such notice r of such tract; (2) rticle six, chapter t e shall include a stand s exploration and p	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to		
	E OWNER(s)		Œ		□ coa	L OWNER OR LE	CORP		
			25						
Address:	ame: m ddress: $\frac{m}{2}$			0	Name:		-		
		6 <	=	Office	Address:				
Name:		3 0	2	8 3	-				
Address:		- 3 ×	0	RECEIVED of Oil and	M MONT	ERAL OWNER(s)			
Address.		F 03	- चा	오프		A TOTAL STREET, STREET			
Name:			10	如前	Name: Darren Gosney				
Address:		1	9	0.0	Address: 3333 Crist Rd				
Address.		8 9	_	Gas	Springfield, OH 45502 *please attach additional forms if necessary				
		9	_	CO2	·piease attac	n additional forms if he	cessary		
Notice is how	ahar airean								
Notice is her		J- C 20 C 4 100			1				
a plat august o	on the tract of la	de g 22-6A-10(a), none	e is here	by given that th	e undersigned wei	l operator is planning entry to conduct		
a plat survey of State:	West Virginia	nd as follows:			Annual Table				
County:	Marshall					ude & Longitude:	39.792781, -80.608056		
District:					Public Road /	Access:	Grapevine Road CR 25/31		
	Liberty			-	Watershed:	1.0	Upper Fish Creek		
Quadrangle:	Cameron				Generally use	d farm name:	Charles Jamison		
may be obtaine Charleston, W	ed from the Sec V 25304 (304-	retary, at the W 926-0450). Cor	V Depa	rtment o	f Environmenta	l Protection headque onal information re	il and gas exploration and production parters, located at 601 57 th Street, SE, elated to horizontal drilling may be		
Day State									
	eby given by:								
Well Operator	SWN PRODUCTI	ON COMPANY, LLC			Address;	1300 Fort Pierpont Dr.,	Suite 201		
Telephone:	304-884-1610					Morgantown, WV 26508	k =		
Email:	brittany_woody@s	swn.com			Facsimile:	304-884-1690			
		-11.1-			A Chimpag,				
01 10	D	200							

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time entry	Requirement:	Notice shall	be provi	ided at lea	st SEVEN (7) da	ays but no more tha	an FORTY-FIVE (45) days prior to			
Date of Noti	ce: 4/18/2019	Date	of Plan	ned Entr	y: 4/25/2019					
Delivery me	thod pursuant	o West Virg	inia Co	de § 22-6	A-10a					
☐ PERSO	NAL 🗉	REGISTER	ED	Пм	ETHOD OF DE	IVERY THAT D	EOURES A			
SERVIC					☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION					
on to the surf but no more t beneath such owner of min and Sediment Secretary, wh enable the sur	ace tract to conc han forty-five de tract that has fil erals underlying Control Manua ich statement sh rface owner to o	luct any plat ays prior to sed a declaration such tract in all and the statuall include controllers.	surveys uch entr ion purs the cou utes and ontact ir	required progressive to: (1) To uant to see the contract tax relations relat	oursuant to this a the surface owner thion thirty-six, a cords. The notice the to oil and ga and including the a	rticle. Such notice or of such tract; (2) article six, chapter to shall include a st s exploration and r	or shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to			
	eby provided to	:			-					
	CE OWNER(s)		1			L OWNER OR LE				
	lame:				Name:					
rudicss.		3 5	Z	9	Address:	Notice of the second se				
Name:		3 5	VOV	fice						
Address:		9 6	0	RECEI Office of Oil	I MINI	ERAL OWNER(s)				
		8 8	टा	DEIVED	Name: Karen S. Wiley					
Name:		무를	2	普通	Address: 19519 Domina ST					
Address:		0.60	-5	0	Richmond, TX 7/405					
		e o		Gas	*please attac	h additional forms if ne	ecessary			
Notice is her Pursuant to War plat survey o		de § 22-6A-1	0(a), no	tice is her	eby given that th	e undersigned wel	l operator is planning entry to conduct			
State:	West Virginia				Approx. Latit	ude & Longitude:	39.792781, -80.608056			
County:	Marshall				Public Road A		Grapevine Road CR 25/31			
District:	Liberty				Watershed:		Upper Fish Creek			
Quadrangle:	Cameron				Generally use	d farm name:	Charles Jamison			
nay be obtain Charleston, W	ed from the Sec. V 25304 (304-)	retary, at the 926-0450). (WV De Copies o	partment of such doc	of Environmenta	I Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be			
btained from	eby given by:	ON COMPANY, LL	_C		Address:	1300 Fort Pierpont Dr.	Suile 201			
Notice is her	eby given by:	ON COMPANY, LI	_C	· · · · · · · · · · · · · · · · · · ·	Address:	1300 Fort Pierpont Dr., S Morgantown, WV 26508				

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry						s but no more than	1 FORTY-FIVE (45) days prior to		
Date of Noti				ned Entry					
Delivery me	thod pursua	nt to West Virgi	nia Co	de § 22-6A	1-10a				
☐ PERSO SERVIO		REGISTERE MAIL	D			IVERY THAT RE	77 TO 18 TO		
on to the sur- but no more beneath such owner of min and Sedimen Secretary, wi- enable the su	face tract to c than forty-fiv tract that has nerals underly it Control Ma hich statement irface owner to	onduct any plat so the days prior to substitute filed a declaration of the such that the statust shall include co to obtain copies files.	urveys ch entr on purs the cou tes and ntact ir	required property to: (1) The contract to second the contract to second the contract to the co	ursuant to this ar the surface owner tion thirty-six, ar cords. The notice ted to oil and gas , including the ac	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pi	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
	reby provide				П				
	CE OWNER	(s)	够			OWNER OR LE			
Name:		m			Name:	Name:			
Address:		7	-	0	Address:				
NT			5	Office					
Address:		हैं लें	< 0	O IT		RAL OWNER(s)			
		nt a	On	CEIVED	Name: Sharon Sue Tuersley				
Name:		- 3	2	an El	Address: 3250 Stillwater Ave NW				
Address:		0 3	亩	G	Canton, OH 44708 *Please attach additional forms if necessary				
		0.0		Gas	*please attach	additional forms if ne	cessary		
Pursuant to \ a plat survey	on the tract of	: Code § 22-6A-1 of land as follows		tice is her			l operator is planning entry to conduct		
State:	West Virginia				Approx. Latitude & Longitude:		39.792781, -80.608056		
County:	Marshall				Public Road A	ccess:	Grapevine Road CR 25/31		
District:	Liberty		-		Watershed: Generally used farm name:		Upper Fish Creek		
Quadrangle:	Cameron				Generally use	i farm name:	Charles Jamison		
may be obtain Charleston, obtained from	ined from the WV 25304 (3 in the Secreta ereby given	Secretary, at the 304-926-0450). (cry by visiting www.	WV Do lopies o w.dep.	epartment of such doo	of Environmenta cuments or additi	l Protection headquonal information re	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be		
Telephone:	304-884-16	10		- "		Morgantown, WV 26508	3		
Email:	-	ody@swn.com			Facsimile:	304-884-1690			
	-	13-11-02-11-0							

Oil and Gas Privacy Notice:

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

ntry	e: 4/18/2019				7: 4/25/2019		R PORT 1-PIVE (45) days prior to			
Delivery met	hod pursuant to	West Virgi	nia Co	de § 22-6	A-10a					
PERSON SERVIC		EGISTERE IAIL	ED			LIVERY THAT RE				
n to the surfa ut no more the eneath such the wner of mine and Sediment ecretary, who nable the sur	nce tract to conduction forty-five day tract that has filed erals underlying so Control Manual a	et any plat s s prior to su a declaration such tract in and the statu I include co	urveys och entry on purso the cou utes and ontact in	required p y to: (1) T uant to sec nty tax red rules rela aformation	oursuant to this at the surface owner ction thirty-six, a cords. The notice ted to oil and gate, including the a	rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to			
	CE OWNER(s)		-		Псом	L OWNER OR LE	CCCE			
		m								
Vame:		2 -	7	2	Address:		The state of the s			
ddress.		25	NOV	P. Office	Address,					
ame.		De	_	RECEIVED B of Oil and						
ame:ddress:		3 8	57	ECEIVED of Oil and	MINI	ERAL OWNER(s)				
		E 6		28 A	Name: Ga					
ame:		7.0	2019							
ddress:		0 0		9	Address: 381 Jim Corbin Rd Franklin NC 28734 *please attach additional forms if necessary					
		200		čo.						
		3			Pro-co mina		***************************************			
lotice is her	ehy given:									
		8 22-6A-1	0(a), no	tice is her	eby given that th	e undersigned well	l operator is planning entry to conduct			
	on the tract of land			oute of we			-F			
tate:	West Virginia				Approx. Latit	ude & Longitude:	39.792781, -80.608056			
ounty:	Marshall				Public Road		Grapevine Road CR 25/31			
istrict:	Liberty				Watershed:		Upper Fish Creek			
	Cameron					d farm name:	Charles Jamison			
nay be obtain harleston, W	ed from the Secre	tary, at the 26-0450). C	WV De	partment of such do	of Environmenta cuments or addit	ll Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be			
24-017-3190			141296							
lotice is her	reby given by:									
CALLO TO TICK		COMPANY II	C		Address:	1300 Fort Pierpont Dr.,	Suite 201			
ell Operator		· COND PART, EL	-0			reso roit respond Dia	Conto Lo i			
C A 10 1 17 17 17 11 11 11 11	The second second	20.3010100000				Macantown MA/25505				
Vell Operator 'elephone: mail:	304-884-1610 brittany_woody@sw.				Facsimile:	Morgantown, WV 26508 304-884-1690				

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	equirement:	Notice shall be provi	ided at leas	t SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45) days prior to		
entry Date of Notice:	4/18/2019	Date of Plan	ned Entry	: 4/25/2019				
Delivery metho	od pursuant	to West Virginia Co	de § 22-6A	1-10a				
☐ PERSONA	AT I	REGISTERED	Пла	THOD OF DE	TATED ST THE ATED T	COLUMNIC A		
SERVICE					LIVERY THAT RE			
SERVICE		MAIL	KE	CEIPT OR SIGI	NATURE CONFIR	MATION		
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice	e tract to cond in forty-five d act that has fil als underlying control Manua h statement sl	fuct any plat surveys ays prior to such enti ed a declaration purs g such tract in the cou all and the statutes and	required p ry to: (1) To tuant to secunty tax rec d rules relate information	ursuant to this a the surface owne tion thirty-six, a cords. The notice ted to oil and ga , including the a	rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
Notice is hereb	y provided to	o:						
☐ SURFACE	OWNER(s)	3		☐ COA	L OWNER OR LE	SSEE		
Name:		5 7	0	Name:				
Address:		13 0	Office of Oil and	Address:				
		2 2	RECEIVED ce of Oil and	1				
Name:		3.5	99		est and Contractified			
Address:		Kal P	四 号		ERAL OWNER(s)			
Nama	~		9 9	Name: Per				
Name:Address:		ec of	Gas	Address, Dayton, OH 4	914 W. Dorothy Ln			
		6			h additional forms if ne	CHSSATV		
		9		produce action	n additional forms if the	503561		
a plat survey on	st Virginia Co		otice is here		e undersigned well	l operator is planning entry to conduct		
County: N	Marshall			Public Road A	Access:	Grapevine Road CR 25/31		
	iberty			Watershed:		Upper Fish Creek		
Quadrangle: c	ameron			Generally use	d farm name:	Charles Jamison		
may be obtained Charleston, WV	I from the Sec 25304 (304- ne Secretary by by given by	pretary, at the WV Do 1926-0450). Copies on 19 visiting <u>www.dep.</u>	epartment of of such doc	of Environmenta uments or addit	l Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be		
Telephone:	304-884-1610				Morgantown, WV 26508			
Email:	brittany_woody@	swn.com		Facsimile:	304-884-1590			
					in the second se			

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

		Requirement:	Notice shall be prov	ided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date		e: 4/18/2019	Date of Plan	ned Entry: 4/25/2019
Deli	very metl	hod pursuant	to West Virginia C	de § 22-6A-10a
	PERSON	TAT.	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
	SERVIC		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to but n bene owne and S Secre	o the surfa no more the eath such the er of mine Sediment etary, whi	ice tract to cond nan forty-five d tract that has file rals underlying Control Manual ich statement sl	duct any plat surveys ays prior to such end ed a declaration pur g such tract in the co al and the statutes an	rior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days ry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams suant to section thirty-six, article six, chapter twenty-two of this code; and (3) any anty tax records. The notice shall include a statement that copies of the state Erosion of rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to e secretary.
-		by provided to	0:	
ш	SURFAC	E OWNER(s)	*	COAL OWNER OR LESSEE
Nam				Name:
Addı	ress:		<u> </u>	Address:
NTon			3.5	MINERAL OWNER(s) Name: quvid Shayne Fromhart
Nam	ress:		30 0	MINERAL OWNER(s)
Addi	ress:		3 5	MINERAL OWNER(S)
Nam	e*		西南 日	
	ress:	-	五 油	Spring Hill, HL 34508
They'r			0 0	*please attach additional forms if necessary
			000	
Noti	ice is her	eby given:	2	
				otice is hereby given that the undersigned well operator is planning entry to conduct
	the second of the second	on the tract of la	and as follows:	
State		West Virginia		Approx. Latitude & Longitude; 39.792781, -80.608056
Cour	-	Marshall		Public Road Access: Grapevine Road CR 25/31
Distr	44.0	Liberty		Watershed: Upper Fish Creek
Ouar	maniole	Cameron		Generally used farm name: Charles Jamison
-	andre.			
Copi may Char obtai	ies of the s be obtain leston, W ined from	ed from the Se V 25304 (304 the Secretary b	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	Manual and the statutes and rules related to oil and gas exploration and production epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .
Copi may Char obtai	es of the s be obtain- leston, W ined from	ed from the Set V 25304 (304) the Secretary by reby given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	epartment of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .
Copi may Char obtai Noti	les of the s be obtain leston, W ined from ice is her Operator	ed from the Set V 25304 (304) the Secretary by reby given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be
Copi may Char obtai Noti	ies of the s be obtain leston, W ined from ice is her Operator phone:	ed from the Set V 25304 (304) the Secretary by reby given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	epartment of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry						s but no more than	FORTY-FIVE (45) days prior to			
Date of Notic	e: 4/18/2019	Date of Pl	anned	Entry:	4/25/2019					
Delivery met	hod pursuant t	o West Virginia	Code §	22-6A-1	10a					
☐ PERSON	NAL 🔳	REGISTERED] MET	HOD OF DELI	VERY THAT RE	QUIRES A			
SERVIC	E	MAIL		RECE	EIPT OR SIGN.	ATURE CONFIRI	MATION			
on to the surfa but no more it beneath such to owner of mine and Sediment Secretary, wh enable the sur	ice tract to conditan forty-five di- tract that has filerals underlying Control Manual ich statement shace owner to o	luct any plat surve ays prior to such e ed a declaration p such tract in the all and the statutes hall include contact btain copies from	eys requentry to cursuant county and rule of inform	tired purs (1) The to section tax record tax related mation, i	suant to this art surface owner on thirty-six, are rds. The notice d to oil and gas	icle. Such notice si of such tract; (2) to icle six, chapter to shall include a state exploration and propertion	shall provide notice of planned entry hall be provided at least seven days or any owner or lessee of coal seams wenty-two of this code; and (3) any tement that copies of the state Erosion roduction may be obtained from the ge on the Secretary's web site, to			
Notice is here	by provided to	D:								
☐ SURFAC	E OWNER(s)		N.		1,000	OWNER OR LES				
Name:		m	_		Name:	Name:				
Address:		Nie A	8	RECEIVED Office of Oil and	Address: _					
Name:		3 8	_	0 70	1	Tall and we				
Address:		200	-27	RECEIVED a of Oil and	MINE	MINERAL OWNER(s)				
			-63	N N	Name: Mind	y Cardinal, f/k/a Mindy Ma	arie Zufra			
**		83	0			0403 Red Rose Dr				
Address:		\$ 0	- 60	Gas	Wadsworth, oH 44281					
		† †	_	S	*please attach	additional forms if nee	cessary			
a plat survey State: County: District:	est Virginia Co	ode § 22-6A-10(a) and as follows:	, notice	e is hereb		de & Longitude: .ccess:	operator is planning entry to conduct 39.792781, -80.508056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison			
may be obtain Charleston, V obtained from Notice is he Well Operato Telephone:	reby given by r: SWN PRODUCT 304-884-1610	cretary, at the WV-926-0450). Cop. by visiting www.c	Depar	tment of uch docu	F Environmenta iments or additi and-gas/pages/d Address:	Protection headquonal information refault.aspx. 1300 Fort Pierpont Dr., Morgantown, WV 26508				
Email:	brittany_woody@	gswn.com			Facsimile:	304-884-1690				
		-								

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time I entry	Requirement:	Notice shall	be prov	rided at leas	st SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45) days prior to		
Date of Notic	e: 4/18/2019	Date	of Pla	nned Entry	7: 4/25/2019				
Delivery met	hod pursuant	to West Vir	ginia C	ode § 22-6	A-10a				
☐ PERSON	NAL 🔳	REGISTER	RED	□м	ETHOD OF DEL	IVERY THAT RE	EOUIRES A		
SERVIC	4.0	MAIL	L			NATURE CONFIR			
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, while enable the surface	ice tract to condinan forty-five di tract that has filerals underlying Control Manualich statement si face owner to control owner to control of the condinant side.	duct any plat lays prior to a led a declara g such tract i al and the sta hall include o obtain copies	survey such en tion pur n the co tutes ar contact	s required p try to: (1) T suant to sec ounty tax re- id rules rela information	oursuant to this are the surface owner than thirty-six, a cords. The notice ted to oil and gas, including the a	ticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
	by provided t	0:			A				
	E OWNER(s)		8		☐ COAL OWNER OR LESSEE				
Name:		m		-	Name:Address:				
Address:		3 <	Z	- 9	Address:				
Name:		3 €	0	P. Office	1				
Address:		58	-	COLUM	I MINE	ERAL OWNER(s)			
		12 22	टम	- SE		hael Cunningham			
Name:		=======================================	N	VED and	Address				
Address:		6 9	- 5	- 00	Canton, MA 02				
		8 9		Gas	*please attac	h additional forms if ne	cessary		
NT	color vients)	non							
Notice is her		de \$ 22 6A	10(2)	otica ic ha	aby given that th	a undersianed well	l operator is planning entry to conduct		
	on the tract of l			lotice is her	coy given mai in	e undersigned wer	operator is planning entry to conduct		
State:	West Virginia				Approx. Latit	ude & Longitude:	39,792781, -80,608056		
County:	Marshall				Public Road Access: Grapevine Road CR 25/31				
District:	Liberty				Watershed:		Upper Fish Creek		
Quadrangle;	Cameron				Generally use	d farm name:	Charles Jamison		
may be obtain Charleston, W obtained from Notice is her Well Operator	ed from the Se IV 25304 (304 the Secretary I reby given by	cretary, at th -926-0450). by visiting <u>w</u>	e WV I Copies ww.der	Department of such do	of Environmenta	Il Protection headq- ional information r default.aspx.			
Telephone:	304-884-1610					Morgantown, WV 26508	8		
Email:	brittany_woody@	gswn.com			Facsimile:	304-884-1690			

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry				nned Entry: 4/25/201			1 FORTY-FIVE (45) days prior to
Delive	ry meth	od pursuant t	o West Virginia C	ode § 22-6A-10a			
	ERSON/ ERVICE		REGISTERED MAIL			VERY THAT RE	
on to the but no beneath owner and Secreta enable	ne surface more that h such tra of miner diment C ary, whice the surfa	e tract to cond in forty-five da act that has file als underlying Control Manua h statement sh	fuct any plat survey ays prior to such en ed a declaration pur such tract in the co l and the statutes ar all include contact btain copies from the	s required pursuant try to: (1) The surfa- suant to section thir ounty tax records. T id rules related to oi information, includi	to this art ce owner ty-six, ar he notice I and gas	icle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pro-	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
		OWNER(s)		Г	T COAT	OWNER OR LE	SSEE
			5	N			
Name:				PECEIVED Gas	ddrees.		
Addres	SS:		9	之 曹 八	uuiess.		
Mana			33	PECEIVED NA			- Date -
Name:			9 8	0 0 E	MINE	RAL OWNER(s)	
Addres	ss:		3.3	S Y N			
N7	_		23	N GE N	ame: Bank	ara Jean Bruhn	
Name:			73	ZOIS NA C		27 21st St. NW	
Addres	SS:		0.3	- 9 38	inton, OH 44	additional forms if ne	Operand.
			5,9		lease attact	additional forms if he	cessary
			g				
Notice	e is here	by given:		and the formation along	us that the	s undersioned well	l operator is planning entry to conduct
Pursua	nt to We	st virginia Co	de § 22-6A-10(a),	notice is hereby give	ii that th	undersigned wen	l operator is planning entry to conduct
			and as follows:	Amou	av Tatite	ide & Longitude:	39.792781, -80.608056
State:		West Virginia	- Comme		c Road A		Grapevine Road CR 25/31
County	_	Marshall			c Road A	iccess.	Upper Fish Creek
Distric		Liberty				I fame nome	Charles Jamison
Quadra	angle:	Cameron		Gene	rany use	d farm name:	Charles Januson
may be Charle	e obtaine	d from the Sec 25304 (304)	cretary, at the WV 1 -926-0450). Copies	Department of Envir	onmenta or additi	l Protection headq onal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Notic	e is her	eby given by	:				
	Operator:		TION COMPANY, LLC	Ad	dress:	1300 Fort Pierpont Dr.,	Suite 201
		304-884-1610				Morgantown, WV 2650	6
Telenh	ione:						
Teleph Email:		brittany_woody@	Navia nam	Fa	csimile:	304-884-1690	

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	Time Re	quirement:	Notice shall b	e provi	ided at leas	t SEVEN (7) day	s but no more than	n FORTY-FIVE (45) days prior to
entry Date o	f Notice:	4/18/2019	Date	of Plan	ned Entry	4/25/2019		
Delive	ry method	d pursuant	to West Virg	inia Co	de § 22-6A	A-10a		
Пр	ERSONA	T. 📵	REGISTERI	ED.	□ ме	THOD OF DEL	IVERY THAT RE	EOUIRES A
	ERVICE		MAIL				ATURE CONFIR	
on to to but no beneat owner and Se Secret	he surface more than h such trac of minera diment Co ary, which	tract to cond forty-five do to that has fill Is underlying ontrol Manual statement sl	luct any plat s ays prior to st ed a declarati s such tract in al and the stat	surveys uch entri ion purs the cou utes and ontact i	required property to: (1) The suant to second to tax record rules related to the second rules rule	ursuant to this ar he surface owner tion thirty-six, ar ords. The notice ted to oil and gas , including the ar	ticle. Such notice s of such tract; (2) ticle six, chapter to e shall include a state exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice	is hereby	provided to	0:					
	IRFACE	OWNER(s)		*		☐ COAL	OWNER OR LE	SSEE
		O WITEHO(3)	Щ		0			
Addres	ss:		= 8	Z	Office	Address:		
	-		9.7	2	8 H			
Name:			5 6	0	RECEIVED a of Oil and			
Addre	ss:		150	C)TI	일말	I MINE	RAL OWNER(s)	
			73	25	97.5	Name: Black	k Gold Group, LTD	
Name:			0.3	10	. 0	Address:		
Addre	ss:	***************************************	0 0		Gas	Stratsburg, Of		
			9			*please attac	n additional forms if ne	cessary
Notice	o is horok	y given:						
Pursua	nt to West	Viroinia Co	de 8 22-6A-1	(0(a), n	otice is her	eby given that th	e undersigned well	l operator is planning entry to conduct
a plat	survey on	the tract of la	and as follow	s:	-017-14-1014	, 0-		
State:		est Virginia				Approx. Latit	ide & Longitude:	39.792781,-80.608056
Count	y: M	arshall				Public Road A	ccess:	Grapevine Road CR 25/31
Distric	t: Lil	berty				Watershed:		Upper Fish Creek
Quadra	angle: Ca	meron				Generally use	d farm name:	Charles Jamison
may be Charle	e obtained ston, WV	from the Se 25304 (304	cretary, at the -926-0450).	WV D Copies	epartment of such doo	of Environmenta	I Protection headquartion r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
	e is herel	y given by						
Notic	- 19 HELEY		TION COMPANY, L	ic		Address:	1300 Fort Pierpont Dr.,	Suite 201
	perator:	SWN PRODUC				100,000	. see . sirs istball pld	renewat.
Well (one:		HOLE GOIM! AIV!				Morgantown, WV 26508	8
	none:	304-884-1610 brittany_woody@				Facsimile:	Morgantown, WV 26508 304-884-1690	8

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Noti		lequirement:	Notice shall be provi	ded at least	SEVEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to
		4/18/2019	Date of Plan	ned Entry	4/25/2019		
Deli	very meth	od pursuant	to West Virginia Co	de § 22-6A	-10a		
П	PERSON	Δ1 🔳	REGISTERED	Пме	THOD OF DEL	IVERY THAT RE	OURES A
	SERVICE		MAIL			JATURE CONFIR	
on to but i bene own and Secrenal	o the surface no more the eath such to er of mine. Sediment (retary, which ble the surf	ce tract to concan forty-five de act that has fil rals underlying Control Manuach statement si ace owner to concern to co	duct any plat surveys lays prior to such entral led a declaration purs g such tract in the cou al and the statutes and hall include contact in obtain copies from the	required property to: (1) The suant to second the relationship tax record rules relationship to the relationship to the relationship to the relationship to the requirement of the requirement to the requirement of the requi	ursuant to this are the surface owner tion thirty-six, are ords. The notice and to oil and gas , including the are	ticle. Such notice s r of such tract; (2) the rticle six, chapter the e shall include a state s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
_		by provided t			<u></u>		
		E OWNER(s)				LOWNER OR LE	
Nam	1e:		TTI	~	Name:		
Add	ress:			Office of Oil and	Address:	- antiniumaneur uz	
Nan	ne:	7p	NOV	8 n	-	· · · · · · · · · · · · · · · · · · ·	
Add	ress:	-	300	200	I MINE	ERAL OWNER(s)	
			300	보발	Name: Nac	The second secon	
Nam	ie:		图 计 2	景田	Address:	15372 Marshallville St. NV	1
Add	ress:		0 7	Gas	Canal Fullon,	The second secon	
-			600	- 23	*please attac	h additional forms if ne	cessary
Not	ice is her	eby given:	olion olion				
Purs	uant to We	est Virginia Co		otice is here	eby given that th	e undersigned well	operator is planning entry to conduct
			and as follows:		4 Y-19	1.07.5.1	
State		West Virginia			Public Road A	ude & Longitude:	39,792781, -80.608056
Cou Dist		Marshall Liberty			Watershed:	Access.	Grapevine Road CR 25/31 Upper Fish Creek
		Cameron			Generally use	d farm name:	Charles Jamison
Cop may Cha	ies of the s be obtained rleston, W	ed from the Se V 25304 (304	cretary, at the WV D	epartment of of such doo	d the statutes an of Environmenta numents or addit	d rules related to o l Protection headq ional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
NT-4	ion ie lee-	aher wirese Y					
	l Operator:	eby given by			Address:	4000 F24 P1 1 P	S. 44- 204
	phone:	-	TION COMPANY, LLC		Address:	1300 Fort Pierpont Dr., Morgantown, WV 26508	
Ema		304-884-1610			Facsimile:	Morgantown, WV 26508 304-884-1690	,
FILLS		brittany_woody@	gswn.com		raosinine.	DD4-004-1080	_
- No.							

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry Date of Noti	ce: 4/18/2019	_ Date	of Plani	ned Entry	/: 4/25/2019		
Delivery me	hod pursuant to \	West Virgi	nia Co	de § 22-6/	A-10a		
☐ PERSO		EGISTERE	ED			IVERY THAT RE	70 T C C C C C C C C C C C C C C C C C C
SERVIC	E M	AIL		RE	CEIPT OR SIGN	NATURE CONFIR	MATION
on to the surfiction to the more to be neath such owner of min and Sediment Secretary, whenable the surface of the surfiction to the surficient to the surfiction to the surficient to the surfi	ace tract to conduct han forty-five days tract that has filed erals underlying su Control Manual arich statement shall face owner to obta	t any plat s prior to su a declaration the tract in and the statu include co	urveys on purso the cou ites and intact in	required p y to: (1) T nant to sec nty tax rec rules rela iformation	oursuant to this are the surface owner thirty-six, are cords. The notice ted to oil and gas in including the are	ticle. Such notice of of such tract; (2) ricle six, chapter to shall include a state of exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Votice is her	eby provided to:						
SURFAC	CE OWNER(s)		*		☐ COAT	L OWNER OR LE	SSEE
	22 3 11 12 1 (0)	m		-		0 (11)21(01)22	
Address:		₹ €	Z	RECEIVED Office of Oil and Gas	Address:		
		2 2	2	8 1	714414501		
lame:		6.8	(3)	0,10		\	
Address:		H 01	C.Fi	윤벌	III MINE	ERAL OWNER(s)	
		7,3	27	3 0	Name: Cha	irles J. Bruhn	
Tame:		0 3	19	<u>a</u> 0		5692 Hampton Dr.	
ddress:		89		<u>m</u>	San Jose, CA		
		9		CO.	*please attac	h additional forms if ne	cessary
Pursuant to W plat survey State:	reby given: Vest Virginia Code on the tract of land West Virginia			tice is her	Approx. Latit	ude & Longitude:	l operator is planning entry to conduct
County:	Marshall				Public Road A	Access:	Grapevine Road CR 25/31
District:	Liberty				Watershed:	. 0	Upper Fish Creek
Quadrangle:	Cameron				Generally use	d farm name:	Charles Jamison
nay be obtain Charleston, V	ed from the Secret	ary, at the 6-0450). C	WV De	partment of such doo	of Environmenta cuments or additi	l Protection headquoinal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
	reby given by:	War and wanted			A J.J.	Arrandon State	Ann and
	F: SWN PRODUCTION	COMPANY, LI	.C		Address:	1300 Fort Pierpont Dr.,	
and the second second second second	Carried an object of the first						
Well Operato Felephone: Email:	304-884-1610 briltany_woody@swn				Facsimile:	Morgantown, WV 26508 304-884-1690	3.

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to

entry Date of Notice:	4/18/2019	Date of Plan	nned Entry:	4/25/2019		
Delivery metho	od pursuant i	to West Virginia C	ode § 22-6A-	10a		
☐ PERSONA	AT I	REGISTERED	□ MET	HOD OF DEL	IVERY THAT RE	COURES A
SERVICE		MAIL			ATURE CONFIR	
on to the surface out no more that beneath such trace of miner of miner and Sediment Control which could be surface on the surface of the sur	e tract to cond in forty-five d act that has fil als underlying control Manua h statement sl ice owner to co	duct any plat survey ays prior to such en led a declaration pur g such tract in the coal and the statutes are hall include contact obtain copies from the survey of the statute of the sta	s required puritry to: (1) The suant to section to sect	suant to this and surface owner on thirty-six, ar rds. The notice d to oil and gas	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is bereb	y provided to	0:				
☐ SURFACE	OWNER(s)				OWNER OR LE	
Name:				Name:	1-1-1-1-1	
Address:		m **		Address: _		
Name:		N		3		
Address:		3 \$ 6)ffice	III MINE	RAL OWNER(s)	
2001033.		J Q E		Name: Ann		
lame:		200	60		49 Briar Ridge Dr	
Address:		2 5 6	걸꽂	San Jose, VA 9		•
		24 0	of Oil and	*please attach	additional forms if ne	cessary
a plat survey or	st Virginia Co the tract of la		ന notice is herel			l operator is planning entry to conduct
-	West Virginia				ide & Longitude:	39.792781, -80.608056
-	Marshall			Public Road A Watershed:	ccess:	Grapevine Road CR 25/31
	Liberty Cameron			Generally use	d forms name:	Upper Fish Creek Charles Jamison
Copies of the st	ate Erosion a	cretary, at the WV I	Department of	the statutes and F Environmenta	d rules related to o	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
btained from t	he Secretary l	by visiting www.de	p.wv.gov/oil-	and-gas/pages/d	lefault.aspx.	
Notice is here	~ ~ ~			Address:	2000 Fax F2	Cuita 2014
Well Operator:	The Tractify of	TION COMPANY, LLC		Address.	1300 Fort Pierpont Dr.,	
Palanha					Morgantown, WV 26508	D.
Felephone: Email:	304-884-1610 brittany_woody@			Facsimile:	304-884-1690	

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	ime Requiremen	t: Notice sha	ll be pr	ovided at leas	st SEVEN (7) day	s but no more than	n FORTY-FIVE (45) days prior to
entry Date of N	Notice: 4/18/2019	Da	te of P	lanned Entry	y: 4/25/2019		
Delivery	method pursua	nt to West Vi	rginia	Code § 22-6.	A-10a		
□ PER	RSONAL [REGISTE	RED	□м	ETHOD OF DEL	IVERY THAT RE	EOUIRES A
	VICE	MAIL				IATURE CONFIR	
on to the but no mo beneath s owner of and Sedir Secretary	surface tract to cope than forty-five than forty-five tract that has minerals underly ment Control Mar	onduct any place days prior to filed a declar ing such tract nual and the standard includes	at surve o such or ration p in the tatutes e contact	eys required pentry to: (1) Toursuant to secounty tax reand rules related information	oursuant to this are the surface owner ction thirty-six, as cords. The notice ated to oil and gas and including the actions.	ticle. Such notice s of such tract; (2) thicle six, chapter the shall include a state exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is	hereby provide	d to:	F				
☐ SUR	FACE OWNER	(s) m			☐ COAL	LOWNER OR LE	SSEE
		(s) m	-	Q	Name:		
	-	₫ ≷	0	G TO	Address:		
		3 7	1				
	T.	2 3	-01	SCEIVED	E	mar overmors	
Address:		PE	0	VED VED		ERAL OWNER(s)	
Name:			9		Name: Kell	y Thomason 287 Wilber Dr. NE Apt. 2	
		2		Gas	Address: North Canton,		The state of the s
		9				h additional forms if ne	cessary
Pursuant		Code § 22-6A		, notice is he	reby given that th	e undersigned wel	l operator is planning entry to conduct
a plat sur State:	vey on the tract of West Virginia	of land as folio	ows:		Approx Latit	ude & Longitude:	39.792761, -80.608056
County:	Marshall				Public Road A		Grapevine Road CR 25/31
District:	Liberty				Watershed:		Upper Fish Creek
Quadrang	gle: Cameron				Generally use	d farm name:	Charles Jamison
may be o	btained from the on, WV 25304 (3	Secretary, at 1 04-926-0450	the WV	Department ies of such do	of Environmenta	l Protection headq ional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
Notice is	s hereby given	by:					
Well Ope		UCTION COMPAN	Y. LLC		Address:	1300 Fort Pierpont Dr.,	Suite 201
Telephon			.,		_	Morgantown, WV 26508	
Email:	- Contraction	dy@swn.com		- Hacker	Facsimile:	304-884-1690	
120	Gas Privacy N						

entry	mie Requirement: 1	vouce snal	i be pro	vided at lea	st SEVEN (7) days but no more the	an FORTY-FIVE (45) days prior to
	Notice: 4/18/2019	Dat	e of Pla	nned Entr	y: 4/25/2019	
Delivery	method pursuant to	West Vir	ginia (Code § 22-6	A-10a	
☐ PEE	RSONAL	REGISTEI	RED	Пм	ETHOD OF DELIMEDY THAT B	POLITIPE A
		MAIL	ALD.		ETHOD OF DELIVERY THAT R CEIPT OR SIGNATURE CONFI	
on to the but no mo beneath s owner of and Sedir Secretary enable the	surface tract to condi- ore than forty-five da- uch tract that has file minerals underlying ment Control Manual , which statement sha e surface owner to ob-	uct any platy ys prior to do a declara such tract i and the stall include stain copies	t survey such en ition pu in the co atutes as contact	vs required patry to: (1) To remain to second to relate the county tax relation information in relation to the county tax relation information in relation to the county tax required t	pursuant to this article. Such notice the surface owner of such tract; (2) ction thirty-six, article six, chapter to cords. The notice shall include a stated to oil and gas exploration and properties including the address for a web properties.	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any attement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to
	hereby provided to	E	100			
	FACE OWNER(s)		18		☐ COAL OWNER OR LE	ESSEE
Name:		9		_0	Name:	Get and the second seco
Address:		§ ₹	0)ffice	Address:	
Name:		11 0		- o 10		
Address:		B 11	CH	RECEIVED	MINERAL OWNER(s)	
CY.		<u> </u>	1/3	- 3 8	Name: Gay Hosking	
Name: Address:		8 9	ID	- 20	Address: 347 Basswood Ave	
Address:		20		- Gas	Canal Fulton, OH 44614	-
		-0		-	*please attach additional forms if ne	ecessary
Notice is	hereby given:					
Pursuant t	to West Virginia Cod	e § 22-6A-	-10(a), 1	notice is her	eby given that the undersigned wel	l operator is planning entry to conduct
Pursuant t a plat surv	ey on the tract of lan	e § 22-6A- id as follov	-10(a), i vs:	notice is her		l operator is planning entry to conduct
Pursuant t a plat surv State;	vey on the tract of lan	le § 22-6A. id as follov	-10(a), 1 vs:	notice is her	Approx. Latitude & Longitude:	39.792781,-80,608056
Pursuant to plat surv State; County:	Vey on the tract of lan West Virginia Marshall	e § 22-6A. id as follov	-10(a), 1 vs:	notice is her	Approx. Latitude & Longitude: Public Road Access:	39.792781, -80.608056 Grapevine Road CR 25/31
Pursuant t a plat surv State; County: District:	Vey on the tract of lan West Virginia Marshall Liberty	e § 22-6A- id as follov	-10(a), 1 vs:	notice is her	Approx. Latitude & Longitude: Public Road Access: Watershed:	39.792761, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek
Pursuant t a plat surv State; County: District:	Vey on the tract of lan West Virginia Marshall Liberty	e § 22-6A- ad as follov	-10(a), 1 vs:	notice is her	Approx. Latitude & Longitude: Public Road Access:	39.792781, -80.608056 Grapevine Road CR 25/31
Pursuant to plat survice plat s	West Virginia Marshall Liberty Ie: Cameron the state Erosion and stained from the Secret, WV 25304 (304-9)	d as follov I Sediment etary, at th (26-0450).	Contro e WV I	I Manual an	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: ad the statutes and rules related to o of Environmental Protection headq	39.792761, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek
Pursuant to a plat survice of the country: Country: District: Quadrang Copies of may be obtained for the country of the countr	West Virginia West Virginia Marshall Liberty Ie: Cameron The state Erosion and obtained from the Secretary by the Secretary by	d as follov I Sediment etary, at th (26-0450).	Contro e WV I	I Manual an	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: ad the statutes and rules related to o of Environmental Protection headq cuments or additional information r	39.792781,-80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57th Street, SE.
Pursuant to plat survice plat survivation survivatio	West Virginia West Virginia Marshall Liberty Ie: Cameron The state Erosion and parameter of the state Erosion and parameter on, WV 25304 (304-9) from the Secretary by hereby given by:	I Sediment etary, at th (26-0450). visiting w	Contro e WV I Copies ww.der	I Manual an	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: ad the statutes and rules related to o of Environmental Protection headq cuments or additional information r l-and-gas/pages/default.aspx.	39.792781,-80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57th Street, SE.
Pursuant to plat survive state; County: County: Quadrang Copies of may be obe Charleston obtained for the county in the county i	West Virginia West Virginia Marshall Liberty Je: Cameron The state Erosion and the Secretary by the Secretary by hereby given by: Tator: SWN PRODUCTION	I Sediment etary, at th (26-0450). visiting w	Contro e WV I Copies ww.der	I Manual an	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: ad the statutes and rules related to o of Environmental Protection headq cuments or additional information r	39.792781,-80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
Pursuant to a plat survice of the country: Country: District: Quadrang Copies of may be obtained for the country of the countr	West Virginia West Virginia Marshall Liberty Je: Cameron The state Erosion and the Secretary by the Secretary by hereby given by: Tator: SWN PRODUCTION	I Sediment etary, at th 26-0450). visiting w	Contro e WV I Copies ww.der	I Manual an	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: ad the statutes and rules related to o of Environmental Protection headq cuments or additional information r l-and-gas/pages/default.aspx.	39.792781,-80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production warters, located at 601 57th Street, SE, elated to horizontal drilling may be

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry	ce: 4/18/2019				ys but no more tha	n FORTY-FIVE (45) days prior to
Delivery met	thod pursuant to W	est Virgi	inia Code § 22-6	A-10a		
PERSON SERVICE		GISTERI AL			LIVERY THAT RE	
Pursuant to W on to the surfi but no more t beneath such owner of min and Sediment Secretary, wh enable the sur	Vest Virginia Code § ace tract to conduct han forty-five days tract that has filed a erals underlying suc Control Manual and	22-6A-1 any plat s prior to su declaration the tract in the statu nclude co	0(a), Prior to filing surveys required purch entry to: (1) To on pursuant to se the county tax reutes and rules related information	ng a permit applications are to this are the surface owner ction thirty-six, a secords. The noticated to oil and gain, including the a	cation, the operator rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	CE OWNER(s)			□ coa	L OWNER OR LE	CCCD
	LE OWNER(S)	4.				
Name:	m n			Name:		
Address:	= = = = = = = = = = = = = = = = = = = =	7	9	Address:		
Mana	<u>@ </u>	-0	- 6 - 10	-		
Name: Address:	3.0	0	9 10		ERAL OWNER(s)	
NT	<u> </u>	10	====	Name; End		
Name:	3.5	0	and and		288 Crittenden Way, Apt 6	
Address:	0,80		<u> </u>	Rochester N		*******
			8	*please attac	h additional forms if ne	cessary
a plat survey	Vest Virginia Code § on the tract of land a					l operator is planning entry to conduct
State:	West Virginia				ude & Longitude:	39.792781, -80.608056
County:	Marshall			Public Road	Access:	Grapevine Road CR 25/31
District:				Watershed:	d Camera and a	Upper Fish Creek
Quadrangle:	Cameron			Generally use	d farm name:	Charles Jamison
may be obtair Charleston, W	ied from the Secreta	ry, at the -0450). (WV Department Copies of such do	of Environmenta ecuments or addit il-and-gas/pages/o	al Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
	reby given by:	OMBANY II	10	Address.	1200 East Diament De	Suite 201
Well Operato	r: SWN PRODUCTION C	OMPANY, L	LC	Address:	1300 Fort Pierpont Dr.,	
			rc	Address: Facsimile:	1300 Fort Pierpont Dr., Marganlown, WV 26508 304-884-1690	

Oil and Gas Privacy Notice:

entry		properties to be	0,1200 00 100	st SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45) days prior to
Date of Notice:	4/18/2019	Date of Pl	anned Entr	y: 4/25/2019		
Delivery metho	od pursuant to	West Virginia	Code § 22-6	A-10a		
☐ PERSONA	AL E R	EGISTERED	□м	ETHOD OF DEL	IVERY THAT RE	EOUIRES A
SERVICE	med and a	ИAIL			NATURE CONFIR	
on to the surface but no more that beneath such tra owner of minera and Sediment C	e tract to condu n forty-five day act that has filed als underlying s control Manual a h statement shal	or any plat surve s prior to such e l a declaration p uch tract in the and the statutes a ll include contact	eys required pentry to: (1) To contry to: (1) To county to se county tax re and rules relations it informations	pursuant to this and the surface owner ction thirty-six, a secords. The notice ated to oil and gain, including the a	rticle. Such notice of r of such tract; (2) rticle six, chapter the shall include a state of the same and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is hereb	y provided to:	-				
☐ SURFACE	OWNER(s)	NO NO	0	☐ COA	LOWNER OR LE	SSEE
Name:		15 8 B	Office P	Name:		
Address:		33 5	_9. 円	Address:		
NTanas		2 1 01	-2 E	-		
Name: Address:		# 57 23		III MINI	ERAL OWNER(s)	
Address,		0 3 5	Sealer Control		dley Paul Hamel	
Name:		8.3	— Gas		25100 Vista Murietta Rd A	pt 43
Address:		9	_	Murrieta, CA 9		
			_	*please attac	h additional forms if ne	cessary
Notice is here			notice is her	reby given that th	e undersigned well	operator is planning entry to conduct
a plat survey on State: v County: N	Vest Virginia Varshall iberty	d as follows:		Approx. Latit Public Road A Watershed: Generally use		39,792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison
a plat survey on State: County: District: Quadrangle: Copies of the stamay be obtained Charleston, WV	Vest Virginia Marshall iberty idemeron atte Erosion and if from the Secret 25304 (304-92) the Secretary by by given by:	Sediment Contretary, at the WV 26-0450). Copie visiting www.de	ol Manual ar Department	Public Road A Watershed: Generally use and the statutes an of Environmenta	Access: d farm name: d rules related to of l Protection headque tonal information r	39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek Charles Jamison il and gas exploration and production parters, located at 601 57th Street, SE, elated to horizontal drilling may be

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry				least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Date of Noti	ce: 4/18/2019	Date of	f Planned Er	itry: <u>4/25/2019</u>
Delivery me	thod pursuant t	o West Virgin	nia Code § 22	2-6A-10a
☐ PERSO	NAL I	REGISTERE	D 🗆	METHOD OF DELIVERY THAT REQUIRES A
SERVIC	CE	MAIL		RECEIPT OR SIGNATURE CONFIRMATION
on to the surf but no more to beneath such owner of min and Sedimen Secretary, whenable the su	face tract to cond than forty-five da tract that has file terals underlying t Control Manual nich statement sh rface owner to ol	uct any plat su tys prior to suc d a declaratio such tract in t l and the statut all include cor otain copies fro	nrveys require th entry to: (I in pursuant to the county tax tes and rules in tact informa	illing a permit application, the operator shall provide notice of planned entry of pursuant to this article. Such notice shall be provided at least seven days. The surface owner of such tract; (2) to any owner or lessee of coal seams section thirty-six, article six, chapter twenty-two of this code; and (3) any records. The notice shall include a statement that copies of the state Erosion related to oil and gas exploration and production may be obtained from the tion, including the address for a web page on the Secretary's web site, to ary.
	reby provided to			
	CE OWNER(s)	1	*	COAL OWNER OR LESSEE
Name: Ronnie				Name: Murray Energy Attn: Mason Smith
Address: 3780 Cameron, WV 260	O Grapevine Ridge	TITI	- 9	Address: 46336 National Road
Name:	133	3 3	NDV 0 5 20	Saint Clairsville, OH 43950
Address:	the state of the s	Je Je	- 91	MINERAL OWNER(s) Name: Raymond Bentz Address: 2724 Wyoming Ave. SW
Addiess.		- E	5 9	Name: Raymond Bentz
Name:		트를	2 8	Address: 2724 Wyoming Ave. SW
Address:		6.4	13 点	Wyoming, MI 49519
		g 5	Gas	*please attach additional forms if necessary
		9	.01	
	reby given:			
				hereby given that the undersigned well operator is planning entry to conduct
The state of the s	on the tract of la	nd as follows:		
State:	West Virginia			Approx. Latitude & Longitude: 39.792781, -80.608056
County: District:	Marshall Liberty			Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
Quadrangle:	Cameron			Watershed: Upper Fish Creek Generally used farm name: Charles Jamison
Quadrangie.	Calificion			Concrany used farm name.
may be obtain Charleston, V	ned from the Sec VV 25304 (304-) the Secretary by	retary, at the V 926-0450). Co y visiting <u>www</u>	VV Departme opies of such v.dep.wv.20v	I and the statutes and rules related to oil and gas exploration and production ent of Environmental Protection headquarters, located at 601 57 th Street, SE, documents or additional information related to horizontal drilling may be oil-and-gas/pages/default.aspx.
Notice is he				At all white area.
Well Operato	r: SWN PRODUCTION	ON COMPANY, LLC		Address: 1300 Fort Pierpont Dr., Suite 201
		ON COMPANY, LLC	3	Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, W26508 Facsimile: 304-884-1690

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

						2	n FORTY-FIVE (45) days prior to		
Date	of Notice:	5/17/2018	Date of Plan	nned Entry: 5/24/20	18	-			
Deliv	very metho	d pursuant t	to West Virginia C	ode § 22-6A-10a					
	PERSONA	L I	REGISTERED	П метнор	OF DEI	JVERY THAT RE	ROLURES A		
	SERVICE		MAIL			NATURE CONFIR			
on to but no benea owne and S Secre enabl	the surface o more than ath such tra- er of mineral Sediment Contary, which the surface	e tract to cond in forty-five di ict that has fil ils underlying ontrol Manua in statement shoe ce owner to o	iuct any plat survey: ays prior to such en- ed a declaration pur g such tract in the co- al and the statutes an hall include contact btain copies from the	s required pursuant try to: (1) The surfa- suant to section thi ounty tax records. It id rules related to o information, includ	to this and the country-six, a The notice and gas	rticle. Such notice ; r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
Notic	e is hereby	y provided to	o:						
I S	SURFACE	OWNER(s)		I	COA	LOWNER OR LE	SSEE		
Name	e: Charles Jan	nison & Jean Jamis	son /	N	Name: Consolidation Coal Company Attn: Casey Saunders				
	ess: 90 Liber	y St.	nco			1000 Consol Energy Drive			
	OH 44273			Bil and Gas	anonsburg, l	PA 15317			
Name			Office of		1000				
Addr	ess;		KIOV-N	~ 20110		ERAL OWNER(s)			
Name	o.		NUV U	LN IN	ame: Nar				
Addre					ddress:	12 Forest Ave			
· rau			44	- 1 and 1 and 1 and 1 and 1 and 1 and 1		h additional forms if ne	CACCACA		
			Environne		nease anac	A ARBEITANIA STATE			
Pursu a plat State:	survey on	t Virginia Co the tract of la lest Virginia	Livitation	notice is hereby give	en that th	e undersigned well	operator is planning entry to conduct		
Pursu a plat State: Coun	iant to West survey on wity:	t Virginia Co the tract of la lest Virginia arshall	ode § 22-6A-10(a), n	ootice is hereby give	en that th ox. Latit c Road A	e undersigned well	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31		
Pursu a plat State: Coun Distri	iant to West survey on wity: Material	t Virginia Co the tract of la lest Virginia arshall berty	ode § 22-6A-10(a), n	ootice is hereby give Appr Publi Wate	en that the cox. Latit cox. Road A	e undersigned well ude & Longitude: Access:	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek		
Pursu a plat State: Coun Distri	iant to West survey on wity: Meters Li	t Virginia Co the tract of la lest Virginia arshall	ode § 22-6A-10(a), n	ootice is hereby give Appr Publi Wate	en that the cox. Latit cox. Road A	e undersigned well	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31		
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Oil and Gas Privacy Notice:

Operator Well No.

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry Date of Notice	4/18/2019	Date of Plan	aned Entry: 4/25/2019
		West Virginia C	
		REGISTERED	
LI PERSON. SERVICE		MAIL	L METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice enable the surface	te tract to condustry five day and forty-five day act that has file tals underlying Control Manual the statement shade owner to ob-	not any plat surveys ys prior to such ent d a declaration pur such tract in the co and the statutes an all include contact in tain copies from the	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days try to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams suant to section thirty-six, article six, chapter twenty-two of this code; and (3) any punty tax records. The notice shall include a statement that copies of the state Erosion of rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
Notice is hereb			П от том том том том том том том том том
☐ SURFACE	and the same of the same		COAL OWNER OR LESSEE
Name:		DESCRIPTION	Name:
Address:		Office of Oil and	Address:
Name:		- MOS ST CHI EN	<u>1</u> Gas
Address:		NOV 0 5 201	MINERAL OWNER(s)
		100 1 0 0 CO	Name: Kriss T. Wager alk/a Kriss T. Haren
Name:		MALE	Address: 6300 Heffner Rd
Address:		www.ccoantinet	Tipp City, OH 45371
		WW Decentines	tection *please attach additional forms if necessary
a plat survey or State:	st Virginia Coon the tract of lar West Virginia Marshall	nd as follows:	Public Road Access: Grapevine Road CR 25/31
District:			
District:			Generally used farm name: Upper Fish Creek Charles Jamison
District: Quadrangle: Copies of the st may be obtaine Charleston, WV obtained from t	tate Erosion and d from the Sect V 25304 (304-9 the Secretary by	d Sediment Control retary, at the WV E 926-0450). Copies y visiting www.dep	Generally used farm name: Charles Jamison I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be n.wv.gov/oil-and-gas/pages/default.aspx.
District: Quadrangle: Copies of the st may be obtaine Charleston, WV obtained from t Notice is here Well Operator:	tate Erosion and d from the Sect V 25304 (304-9 the Secretary by	d Sediment Control retary, at the WV D 226-0450). Copies visiting www.den	Generally used farm name: Charles Jamison I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be
District: Quadrangle: Copies of the st may be obtaine Charleston, WV	tate Erosion and d from the Sect V 25304 (304-9 the Secretary by	d Sediment Control retary, at the WV E 926-0450). Copies y visiting www.dep	Generally used farm name: Charles Jamison I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be n.wv.gov/oil-and-gas/pages/default.aspx.

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	equirement:	Notice shall be prov	rided at least	SEVEN (7) day	s but no more that	FORTY-FIVE (45) days prior to
entry Date of Notice	4/18/2019	Date of Plan	nned Entry:	4/25/2019		
Delivery meth	od pursuant	to West Virginia Co	ode § 22-6A	-10a		
□ pppcox	III	PECIATEDED		THOD OF DEL	IX DED SA DELLA DE DE	OUTDER A
☐ PERSON. SERVICE		REGISTERED MAIL			IVERY THAT RE ATURE CONFIR	
SERVICE		WAIL	KEC	EIFT OK SIGN	AT ONE CONFIN	WATON
on to the surface but no more that beneath such tr owner of miner and Sediment C Secretary, which	te tract to cond an forty-five d act that has fil rals underlying Control Manua th statement sl	duct any plat surveys lays prior to such ent led a declaration pur g such tract in the co al and the statutes an	s required putry to: (1) The suant to sect ounty tax record rules related information,	rsuant to this ar e surface owner ion thirty-six, ar ords. The notice ed to oil and gas including the ac	ticle. Such notice s of such tract; (2) to ticle six, chapter to shall include a stall exploration and pro-	shall provide notice of planned enthall be provided at least seven day of any owner or lessee of coal seam wenty-two of this code; and (3) any attement that copies of the state Erost oduction may be obtained from the age on the Secretary's web site, to
Notice is here!						
LI SURFACE	E OWNER(s)				OWNER OR LE	
Name:				Name:		
Address:		RECEIV		Address:		
Name:		Office of Oil a	and Gas	-		
Address:		MANARA	2010	MINE MINE	RAL OWNER(s)	
		NOV 052	AU19		ne L. Perry a/k/a Diane Lyr	nne Russell
Name:					5554 Softwind Ave. NW	
Name: W// Department of			nent of	North Canton, OH 44720		
Address:		part of the second				
Address:		Environmental i			additional forms if ne	cessary
Notice is here Pursuant to We a plat survey or State: County: District:	eby given: est Virginia Co n the tract of l West Virginia Marshall Liberty		Frotestian notice is here	*please attac by given that th Approx. Latit Public Road A Watershed:	e undersigned well ude & Longitude: Access:	operator is planning entry to cond 39.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek
Notice is here Pursuant to We a plat survey or State: County: District:	eby given: est Virginia Co n the tract of l West Virginia Marshall	ode § 22-6A-10(a), r and as follows:	Frotestian notice is here	*please attac by given that th Approx. Latit Public Road A	e undersigned well ude & Longitude: Access:	operator is planning entry to cond 39.792781, -80.608056 Grapevine Road CR 25/31
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Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Date of Notice:	4/18/2019 Date of Plans	ned Entry: 4/25/2019
	od pursuant to West Virginia Coo	
PERSONA SERVICE	And the second s	☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice enable the surfa	e tract to conduct any plat surveys on forty-five days prior to such entract that has filed a declaration pursuals underlying such tract in the coutontrol Manual and the statutes and	ior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days y to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams that to section thirty-six, article six, chapter twenty-two of this code; and (3) any noty tax records. The notice shall include a statement that copies of the state Erosion rules related to oil and gas exploration and production may be obtained from the aformation, including the address for a web page on the Secretary's web site, to secretary.
	OWNER(s)	☐ COAL OWNER OR LESSEE
	and the same of th	Name:
	PECEWER	Address:
Name:	Office of Gill and	Gas
Address:		MINERAL OWNER(s)
	NOV 0 5 201	9 Name: Linda L. Klag f/k/a Linda L. Rice
Name:		Address: 2415 Coker Ave
Address:		Knoxville, TN 37917
10000	Environment Fro	*please attach additional forms if necessary
a plat survey or State:	by given: st Virginia Code § 22-6A-10(a), no the tract of land as follows: West Virginia Marshall Liberty	Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
Pursuant to We a plat survey or State: County: District:	st Virginia Code § 22-6A-10(a), no the tract of land as follows: Nest Virginia	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31
Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, WY	st Virginia Code § 22-6A-10(a), not the tract of land as follows: West Virginia Warshall Liberty Cameron at Erosion and Sediment Control of from the Secretary, at the WV Development (25304 (304-926-0450)). Copies of the Secretary by visiting www.dep.	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison Manual and the statutes and rules related to oil and gas exploration and production epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx.
Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, Woobtained from to	st Virginia Code § 22-6A-10(a), not the tract of land as follows: West Virginia Warshall Liberty Cameron at E Erosion and Sediment Control of from the Secretary, at the WV Development (25304 (304-926-0450)). Copies of the Secretary by visiting www.dep.	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison Manual and the statutes and rules related to oil and gas exploration and production epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be
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Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	lequirement:	Notice shall be prov	ded at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date of Notice	4/18/2019	Date of Plan	ned Entry: 4/25/2019
Delivery meth	ad nursuant	to West Virginia C	
			de § 22-07-10a
☐ PERSON		REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more that beneath such trace owner of miner and Sediment C Secretary, whice enable the surface.	te tract to cond an forty-five d act that has fil als underlying Control Manua th statement sl ace owner to o	duct any plat surveys lays prior to such enter led a declaration pur- g such tract in the co- al and the statutes and hall include contact of obtain copies from the	rior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days y to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams uant to section thirty-six, article six, chapter twenty-two of this code; and (3) any anty tax records. The notice shall include a statement that copies of the state Brosion I rules related to oil and gas exploration and production may be obtained from the aformation, including the address for a web page on the Secretary's web site, to execretary.
Notice is hereb	y provided to	0:	
☐ SURFACE	E.OWNER(s)		☐ COAL OWNER OR LESSEE
Name:		DE RECEIVED	Name:
Address:		of Oil and	Address:
Name:	121-21000014-01-101-101-101-101-1	NOV OF	· · · · · · · · · · · · · · · · · · ·
Address:		0 5 2019	MINERAL OWNER(s)
		WALD-	Names Dahra Louis
Name:	En	Virgaminal Picter	Address: 343 Skyview Dr
Address:		Total Profes	Wintersville, OH 43953
			*please attach additional forms if necessary
a plat survey on State: \(\frac{1}{2}\) County: \(\frac{1}{2}\)	st Virginia Co a the tract of la West Virginia Marshall		Approx. Latitude & Longitude: Public Road Access: Approx. Cartest description of the conduct of
The state of the s	Liberty		Watershed: Upper Fish Creek
Quadrangle: _0	Cameron		Generally used farm name: Charles Jamison
may be obtaine Charleston, WV	d from the Sec / 25304 (304	cretary, at the WV I -926-0450). Copies	Manual and the statutes and rules related to oil and gas exploration and production epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .
Notice is here	hu oiron ha		
Well Operator:		TION COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201
Telephone:	304-884-1610	HON DOMEANT, LLO	Morgantown, WV 26508
relephone.			
Email:	brittany_woody@	oswo com	Facsimile: 304-884-1690

Oil and Gas Privacy Notice:

Date of Notice	4/18/2019	Date of Plan	nned Entry: 4/25/2019
Delivery meth	od pursuant	to West Virginia C	ode § 22-6A-10a
☐ PERSONA	AL I	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
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Notice is hereb);	
	OWNER(s)		COAL OWNER OR LESSEE
Name:		- RECEIVED	Name:
Address:		Office of City and Gr	Address:
Vame:		7	
Address:		NUV 0 5 Z019	MINERAL OWNER(s)
			Name: Phyllis Fox
Vame:		MA/ Department of s	Address: 879 Measlow View, NW
Address:	E	avroumental Finte	Canal Fulton, OH 44614
			*please attach additional forms if necessary
a plat survey on State: County: District:	st Virginia Co	de § 22-6A-10(a), nund as follows:	Approx. Latitude & Longitude: 39.792781,-80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison
Quadrangie. L	anielon		Generally used farm name; Chanes Jamison
	ate Erosion ar	cretary, at the WV D	Manual and the statutes and rules related to oil and gas exploration and production repartment of Environmental Protection headquarters, located at 601 57 th Street, SE of such documents or additional information related to horizontal drilling may be
may be obtained Charleston, WV obtained from the Notice is here	25304 (304- he Secretary b	by visiting <u>www.dep</u>	.wv.gov/oil-and-gas/pages/default.aspx.
nay be obtained Charleston, WV obtained from the Votice is here Well Operator:	25304 (304) he Secretary b by given by	by visiting <u>www.dep</u>	
nay be obtained Charleston, WV	25304 (304) he Secretary b by given by	y visiting <u>www.dep</u>	.wv.gov/oil-and-gas/pages/default.aspx.

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry Date of Notice:		,	nned Entry: 4/25/2019	ys out no more than	n FORT Y-FIVE (45) days prior to		
Delivery metho	od pursuant t	to West Virginia C	ode § 22-6A-10a				
□ PERSONA SERVICE	AL I	REGISTERED MAIL	☐ METHOD OF DEI RECEIPT OR SIGN				
on to the surface but no more that beneath such tra owner of minera and Sediment C Secretary, which	e tract to cond n forty-five d act that has fil als underlying ontrol Manua n statement sh	luct any plat survey; ays prior to such en ed a declaration pur g such tract in the co Il and the statutes an	s required pursuant to this a try to: (1) The surface owne suant to section thirty-six, a unty tax records. The notic d rules related to oil and ga information, including the a	rticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
Notice is hereby	y provided to):					
☐ SURFACE	OWNER(s)		☐ coa	LOWNER OR LE	SSEE		
Name:			Name:				
Address:	- (Office of Oil and G	Address:	Address:			
Name:		मा सात द					
Address:		NOV 0 5 2010	■ MINI	ERAL OWNER(s)			
		- 0 0 3	Name: Joy	Elaine Dunn			
Name:	- A	MACRICAL	_ Address:	2422 Oxford Down Center	4		
Address:	Fran	onmontal Proteon	- and any para	er, FL 33573 h additional forms if ne			
Notice is here	by given:	23.4.2.2.2.2.2					
a plat survey on			ionce is nereby given mai ir	ie iliidersigned wen	I operator is planning entry to conduct		
	Vest Virginia		Approx. Latit	ude & Longitude:	39.792781, -80.608056		
	farsha!!		Public Road	Access:	Grapevine Road CR 25/31		
	iberty		Watershed:		Upper Fish Creek		
Quadrangle: c	ameron		Generally use	ed farm name:	Charles Jamison		
may be obtained Charleston, WV	from the Sec 25304 (304-	cretary, at the WV I -926-0450). Copies	Department of Environments	al Protection headquional information r	il and gas exploration and production uarters, located at 601 57th Street, SE, elated to horizontal drilling may be		
obtained from the							
	by given hy						
Notice is here			Address:	1300 Fort Pierpont Dr.	Suite 201		
		TION COMPANY, LLC	Address:	1300 Fort Pierpont Dr., Morgantown, WV 26508			

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entr	y			at least SEVEN (7) days but no more than FORTY-FIVE (45) days pri	or to
Date	e of Notice:	4/18/2019	Date of Pla	Entry: 4/25/2019	
Deli	very metho	d pursuant t	o West Virginia C	§ 22-6A-10a	
	PERSONA	L E	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A	
	SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION	
on to but r bene own and Secr enab	o the surface no more than eath such tra er of minera Sediment Co etary, which the surface	tract to cond to forty-five de et that has fil els underlying ontrol Manua to statement shoe ce owner to o	luct any plat survey ays prior to such en ed a declaration pur such tract in the co I and the statutes ar all include contact btain copies from the	to filing a permit application, the operator shall provide notice of planner using pursuant to this article. Such notice shall be provided at least seven by: (1) The surface owner of such tract; (2) to any owner or lessee of coal states to section thirty-six, article six, chapter twenty-two of this code; and (3) tax records. The notice shall include a statement that copies of the state les related to oil and gas exploration and production may be obtained from mation, including the address for a web page on the Secretary's web site cretary.	days seams any Erosion n the
_		provided to);		
		OWNER(s)		☐ COAL OWNER OR LESSEE	
Nam			DEAG	Name:	
Add	ress:		Office of Oil and	Address:	
Nam	ie.		and and	-	
	ress:	- 1	NOV 05 2010	MINERAL OWNER(s)	
			1101 0 0 5013	Name: Norma Jean Hamel	
Nam	ie:		On the	Address: 24583 Calle Magdalena	
	ress:	E	MAY DECISION TO	Murrieta, CA 92562	
			vironmental Prote	*please attach additional forms if necessary	
Purs a pla State Cou Dist	nt survey on which is the survey on which is the survey on the survey of the survey on the survey of	t Virginia Co the tract of la /est Virginia arshall berty	de § 22-6A-10(a), 1 and as follows:	Approx. Latitude & Longitude: 39,792781, -80,608055 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison	conduct
Cop may Char	ies of the sta be obtained rleston, WV	te Erosion ar from the Sec 25304 (304-	cretary, at the WV I -926-0450). Copies	nual and the statutes and rules related to oil and gas exploration and productment of Environmental Protection headquarters, located at 601 57th Streuch documents or additional information related to horizontal drilling magov/oil-and-gas/pages/default.aspx.	et, SE,
Not	ice is here	by given by	:		
	Operator:		TON COMPANY, LLC	Address: 1300 Fort Pierpont Road, Suite 201	
Wel		304-884-1610		Morgantown, VVV 26508	
Wel	phone:	304-884-1610 brillany_woody@	swn.com	Morgantown, WV 26508 Facsimile: 304-884-1690	

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry			rided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Date of Notice	4/18/2019	Date of Plan	nned Entry: 4/25/2019
Delivery meth	od pursuant i	to West Virginia C	ode § 22-6A-10a
☐ PERSON	AL I	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE	3	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the surfactor to the surfactor of the beneath such the surfactor of	ce tract to concan forty-five detact that has fill rals underlying Control Manuach statement shace owner to o	duct any plat surveys ays prior to such ent led a declaration pur g such tract in the co al and the statutes an hall include contact in obtain copies from the	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days try to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams suant to section thirty-six, article six, chapter twenty-two of this code; and (3) any punty tax records. The notice shall include a statement that copies of the state Erosio and rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
	by provided to	0:	
	E OWNER(s)		COAL OWNER OR LESSEE
Name:		EENEG	Name:
Address:		Office of Otto	Address:
Viomat		25. Vill 5	rd Gas
Name: Address:		NIIV OF 21	MINERAL OWNER(s)
Address.		401 115 21	717
Vame:		MAD IN	Name: Joyke A. Wagner Address: 8317 Chinaberry Pl.
Address:			Huber Heights, OH 45424
		टा जनाजासा स्त	*please attach additional forms if necessary
Pursuant to We a plat survey or	est Virginia Co n the tract of la	ode § 22-6A-10(a), n and as follows:	notice is hereby given that the undersigned well operator is planning entry to conduct
Pursuant to We a plat survey of State:	est Virginia Co n the tract of la West Virginia	ode § 22-6A-10(a), n and as follows:	Approx. Latitude & Longitude: 39.792781, -80.608056
Pursuant to We a plat survey of State; County:	est Virginia Co n the tract of la West Virginia Marshall	ode § 22-6A-10(a), n and as follows:	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31
Pursuant to We a plat survey of State: County: District:	est Virginia Co n the tract of la West Virginia Marshall Liberty	and as follows:	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
Pursuant to We a plat survey of State: County: District:	est Virginia Co n the tract of la West Virginia Marshall	and as follows:	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31
a plat survey of State: County: District: Quadrangle: Copies of the s may be obtained Charleston, W	est Virginia Con the tract of la West Virginia Marshall Liberty Cameron tate Erosion and from the Sec V 25304 (304-	and as follows: nd Sediment Control cretary, at the WV E-926-0450). Copies	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
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Pursuant to We a plat survey of State: County: District: Quadrangle: Copies of the smay be obtained from Obtained from	est Virginia Con the tract of lawest Virginia Marshall Liberty Cameron tate Erosion and from the Section 25304 (304-the Secretary by	and as follows: nd Sediment Control cretary, at the WV E -926-0450). Copies by visiting www.dep	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be
Pursuant to We a plat survey of State: County: District: Quadrangle: Copies of the s may be obtained that the ston, W	est Virginia Con the tract of lawest Virginia Marshall Liberty Cameron tate Erosion and from the Section 25304 (304-the Secretary by	and as follows: and Sediment Control cretary, at the WV E-926-0450). Copies by visiting www.dep	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison I Manual and the statutes and rules related to oil and gas exploration and production pepartment of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be awv.gov/oil-and-gas/pages/default.aspx.

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry	otice: 4/18/20		Date of Pla			ys but no more tha	n FORTY-FIVE (45) days prior to
Delivery i	method pur	suant t	to West Virginia C	ode § 22-6 <i>A</i>	1-10a		
	SONAL VICE		REGISTERED MAIL			IVERY THAT RE	
on to the s but no mo beneath su owner of r and Sedim Secretary, enable the	surface tract re than forty ich tract that minerals und ient Control which state surface own	to cond five de has fil erlying Manua ment sl ner to o	luct any plat survey, ays prior to such en ed a declaration pur such tract in the co al and the statutes ar all include contact btain copies from the	s required p try to: (1) The suant to secunity tax rec d rules relations information	ursuant to this are ne surface owner tion thirty-six, are ords. The notice ted to oil and gas , including the are	ticle. Such notice s t of such tract; (2) to ticle six, chapter to e shall include a state s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	hereby prov):		—		
	FACE OWN	ER(s)				LOWNER OR LE	
Name:					Name:	-	
Address:			PECEME Office of Oil an	2	Address:	oromanouvomoro váro	
Namas				das.	-		
Address.	7. 4. 1		NOV 0.5.20	un	m MINE	ERAL OWNER(s)	
			112 1 Q Q P P	1 50	Name: Do		
Name:			MAN TIEDERING			231 Woodridge Dr Apt, C-2	204
Address:			MULL TITLE	Ter of	Wintersville, O		207
-			Summing Mal F	Election		h additional forms if ne	cessary
Pursuant to		inia Co act of la	de § 22-6A-10(a), r and as follows:	otice is her		e undersigned well	I operator is planning entry to conduct
County:	Marshall				Public Road A		Grapevine Road CR 25/31
District:	Liberty				Watershed:		Upper Fish Creek
Quadrangl	e: Cameron		16		Generally use	d farm name:	Charles Jamison
may be ob Charlestor	tained from 1, WV 2530	the Sec 4 (304-	cretary, at the WV I	Department of of such doo	of Environmenta cuments or addit	l Protection headquional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
** ***							
	hereby giv				A 44	made a service	
well Oper		RODUCT	TON COMPANY, LLC		Address:	1300 Fort Pierpont Dr.,	
						Morgantown, WV 26508	9
Telephone Email:		4-1610 _woody@			Facsimile:	304-884-1690	

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Date of Notice	2: 4/18/2019 Date of Plan	ided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to med Entry: 4/25/2019
Delivery meth	ood pursuant to West Virginia Co	ode § 22-6A-10a
☐ PERSON	AL REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more the beneath such tr owner of mines and Sediment (Secretary, which	ce tract to conduct any plat surveys an forty-five days prior to such ent act that has filed a declaration purs rals underlying such tract in the co Control Manual and the statutes and	rior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days ry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams that to section thirty-six, article six, chapter twenty-two of this code; and (3) any party tax records. The notice shall include a statement that copies of the state Erosion of rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
Notice is herel	by provided to:	
☐ SURFACI	E OWNER(s)	☐ COAL OWNER OR LESSEE
Name:		Name:
Address:	RECEIVED Office or On and Ga	Address:
Name:		
Address:	NOV 0 5 2019	MINERAL OWNER(s)
		Name: Sandra Sue Peklinsky
Name:	WATER STREET	Address: 126 Grant Ave
Address:	55 SEE SEE SEE SEE SEE SEE	
	Environmental Ecoes	Wheeling, WV 26003
	Environmental Fraces	*please attach additional forms if necessary
Notice is here Pursuant to We a plat survey or State: County:	eby given: st Virginia Code § 22-6A-10(a), no 1 the tract of land as follows: West Virginia Marshall Liberty	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31
Notice is here Pursuant to We a plat survey or State: County: District: Quadrangle: Copies of the st may be obtaine Charleston, W	eby given: st Virginia Code § 22-6A-10(a), not the tract of land as follows: West Virginia Marshall Liberty Cameron state Erosion and Sediment Control of from the Secretary, at the WV Do 7 25304 (304-926-0450). Copies of the Secretary by visiting www.dep.	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

		equirement:	Notice shall be prov	ided at least	SEVEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to		
Dat	e of Notice:	4/18/2019	Date of Plan	nned Entry:	4/25/2019				
Deli	ivery metho	d pursuant	to West Virginia C	ode § 22-6A-	10a	-			
П	PERSONA	T (m)	REGISTERED	Пмет	THOD OF DET	IVERY THAT RE	OTHER A		
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	SERVICE		MAIL	REC	EIFT OR SIGN	ATURE CONFIR	WATION		
on to but a bend own and Secretary	o the surface no more than eath such tra eer of minera Sediment Co retary, which ble the surface	tract to cond n forty-five d ct that has fil als underlying ontrol Manua a statement sl ce owner to co	duct any plat survey, lays prior to such en- led a declaration pur g such tract in the co al and the statutes an hall include contact obtain copies from the	s required pur try to: (1) The suant to section ounty tax recond rules relate information, i	suant to this are surface owner on thirty-six, are rds. The notice d to oil and gas	ticle. Such notice s of such tract; (2) to ticle six, chapter to shall include a stall exploration and pro-	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
		y provided to			Пори	OUNTED OF LE	COPP		
		OWNER(s)				OWNER OR LE			
Nan			RECEIVED	-3	Name:				
Add	ress:		Office of Oil and (_	Address:				
Nan	ne.		and and	aas		Annual Control of the			
	ress:		NOV DE 2010		I MINE	RAL OWNER(s)			
			0 0 2019			ager Enterprises, LLC			
	ne:		MACS		Address				
Add	ress:	Eu	. TOCE ITTO THE C	of.	Wheeling, WV				
			- Infontal Protec	zion	*please attacl	additional forms if ne	cessary		
Purs a pla Stat	at survey on e: w	t Virginia Co	ode § 22-6A-10(a), r and as follows:	notice is hereb		ıde & Longitude:	l operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31		
		berty			Watershed: Upper Fish Creek				
Qua	drangle: c	ameron			Generally use	d farm name:	Charles Jamison		
may Cha obta	be obtained rleston, WV ained from the	1 from the Se 25304 (304	cretary, at the WV I -926-0450). Copies by visiting <u>www.der</u>	Department of of such docu	Environmenta ments or additi ind-gas/pages/o	l Protection headq onal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be		
Wel	II Operator:	SWN PRODUC	TION COMPANY, LLC		Address:	1300 Fort Pierpont Dr.,	Suite 201		
Tele	ephone:	304-884-1610				Morgantown, WV 26508	8		
Ema	ail:	brittany_woody@	@swn.com		Facsimile:	304-884-1690			

Oil and Gas Privacy Notice:

	lequirement:	Notice shall be prov	rided at I	east SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45) days prior to	
entry Date of Notice	: 4/18/2019	Date of Plan	nned En	trv: 4/25/2019			
Dalissams math	ad museus at						
Denvery meth	ou pursuant	to West Virginia C	ode § 22	-0A-10a			
☐ PERSON.	AL 🗉	REGISTERED		METHOD OF DEI	LIVERY THAT RE	EQUIRES A	
SERVICE		MAIL	1	RECEIPT OR SIGN	NATURE CONFIR	MATION	
on to the surface but no more that beneath such the owner of miner and Sediment C Secretary, which	e tract to conc an forty-five d act that has fil als underlying Control Manua th statement sh	duct any plat surveys ays prior to such ent led a declaration pur g such tract in the co al and the statutes an	s require ry to: (1 suant to unty tax d rules r informat	d pursuant to this a) The surface owne section thirty-six, a records. The notic elated to oil and ga ion, including the a	rticle. Such notice s r of such tract; (2) rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to	
Notice is hereb	y provided to	0:					
☐ SURFACE	E OWNER(s)			☐ COA	L OWNER OR LE	SSEE	
Name:							
Address:		RECEIVED	_	Address:			
NT.	0	ffice of Oil and Gas	2	-			
Name: Address:		MONT A STATE OF	-	E MINT	ERAL OWNER(s)		
Addiess.	- !	10V 0 5 2019	-		nmer Daun Miller		
Name:					1309 Center St		
Address:	171	no total		Moundsville, V			
		1019CHC	ın	*please attac	h additional forms if neo	cessary	
a plat survey on State:	st Virginia Co	ode § 22-6A-10(a), n and as follows:	otice is l	Approx. Latit	ude & Longitude:	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31	
	Liberty			Watershed:		Upper Fish Creek	
Quadrangle: _c	Cameron		Generally used farm name:		d farm name:	Charles Jamison	
may be obtained Charleston, WV	d from the Sec / 25304 (304- he Secretary b	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	epartme of such	nt of Environmenta documents or addit	ll Protection headquional information re	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be	
Well Operator:		TON COMPANY, LLC		Address:	1300 Fort Pierpont Dr.,	Suite 201	
Telephone:	304-884-1610				Morgantown, WV 26508		
Email:				Facsimile:			

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry		Date of Plan	ded at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Delivery meth	od pursuant i	to West Virginia C	le § 22-6A-10a
☐ PERSON.	AL 🔳	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more that beneath such the owner of miner and Sediment C Secretary, whice enable the surface	te tract to conc an forty-five d act that has fil als underlying Control Manua th statement sh ace owner to o	duct any plat surveys ays prior to such ent ed a declaration pur s such tract in the co all and the statutes an nall include contact btain copies from the	for to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days of to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams that to section thirty-six, article six, chapter twenty-two of this code; and (3) any next tax records. The notice shall include a statement that copies of the state Erosion rules related to oil and gas exploration and production may be obtained from the formation, including the address for a web page on the Secretary's web site, to secretary.
Notice is hereb):	<u> </u>
SURFACE	E OWNER(s)		☐ COAL OWNER OR LESSEE
Name:			Name:
Address:			Address:
		ACCEIVED	
Name:		Office of Oil and	Nac 🗖
Address:			E MINERAL OWNER(S)
27		NOV 0 5 2010	Name: Jeffrey H. Cunningham I Address: 1947 Burch Ridge Road
Name:		0 0 0013	Address: 1947 Burch Ridge Road
Address:		WW Danchmont	Product, VV-2005
		wird imment of the Burners	*please attach additional forms if necessary
Notice is here	abre given	THE BOTTOM	ron .
	7 5		tice is hereby given that the undersigned well operator is planning entry to conduct
a plat survey or			noc is hereby given that the undersigned wen operator is planning entry to conduct
	West Virginia	ala as tollows.	Approx. Latitude & Longitude: 39.792781, -80.608056
	Marshall		Public Road Access: Grapevine Road CR 25/31
			XXI. A. A. A.
	Cameron		Generally used farm name: Charles Jamison
may be obtained Charleston, WV	d from the Sec V 25304 (304-	cretary, at the WV D -926-0450). Copies	Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57th Street, SE, f such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx .
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		All the last of the state of th	
Well Operator:	SWN PRODUCT	TON COMPANY, LLC	Address: 1300 Fort Pierpont Dr., Suite 201
Notice is here Well Operator: Telephone: Email:			Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508 Facsimile: 304-884-1690

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	requirement.	rotice shall be prov	rided at least SEVEN (7) day	s but no more tha	n FORTY-FIVE (45) days prior to
entry Date of Notic	e: 4/18/2019	Date of Plan	nned Entry: 4/25/2019		
Delivery met	hod pursuant	to West Virginia Co	ode § 22-6A-10a		
☐ PERSO?	VAT.	REGISTERED	☐ METHOD OF DEL	WEDV THAT DE	TOTHDES Y
SERVIC		MAIL	RECEIPT OR SIGN		page at the second control of the second con
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	eby provided t		-		
	E OWNER(s)			OWNER OR LE	
Name:			Name:		
Address:		PARE	Address: _		
T-1		- mac bit n	Tand o-		
			- Gas	RAL OWNER(s)	
Address		MAY A E	2019 Name: 6an		
Jame.			Addresses 5	147 Basswood Ave	
Address:		IAA17	Canal Fullon, C		
		IAAI Cyrus - 1	*please attacl	additional forms if ne	cessarv
		- Almostan (G)	P LIBUSION	, , , , , , , , , , , , , , , , , , , ,	
Notice is he	reby given:				
		ode § 22-6A-10(a), r	notice is hereby given that th	e undersigned wel	l operator is planning entry to conduct
	on the tract of I	and as follows:			
plat survey	ou the hact of h	Street City Street To a Company of the Company			
plat survey of State:	West Virginia			ide & Longitude:	39,792781, -80,608056
plat survey of State: County:			Public Road A		Grapevine Road CR 25/31
plat survey of State: County: District:	West Virginia Marshall Liberty		Public Road A Watershed:	ccess:	Grapevine Road CR 25/31 Upper Fish Creek
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Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	4/18/2019		d Entry: 4/25/2019	
Delivery metho	d pursuant	to West Virginia C	§ 22-6A-10a	
☐ PERSONA	L I	REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A	
SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION	
n to the surface out no more than eneath such tra- wner of minera nd Sediment Co ecretary, which	tract to cond n forty-five d ct that has fil ls underlying ontrol Manua n statement sh	duct any plat survey ays prior to such en ed a declaration pur g such tract in the co al and the statutes ar	or to filing a permit application, the operator shall provide notice of quired pursuant to this article. Such notice shall be provided at least to: (1) The surface owner of such tract; (2) to any owner or lessed on to section thirty-six, article six, chapter twenty-two of this code; by tax records. The notice shall include a statement that copies of the ules related to oil and gas exploration and production may be obtain the production, including the address for a web page on the Secretary's vecretary.	of seven days of coal seams and (3) any ne state Erosioned from the
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SURFACE	OWNER(s)		☐ COAL OWNER OR LESSEE	
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Address:		Tillog or Oll and	Name:Address:	
Turner		NOV 0 E 2010		
Name: Address:		15 7 119	MINERAL OWNER(s)	
		W/ Descripe in c	NT Queen Unablina	
lame:	En	VII OTHER CALL PIGGE	Name: Byan Hosking Address: 1608 Indian Tr	
ddress:		Fig. Fig. 8	7 Akron, OH 44314	
			*please attach additional forms if necessary	
a plat survey on State: w County: M	t Virginia Co the tract of la lest Virginia lershall		Approx. Latitude & Longitude: Public Road Access: Watershed: 29.792781, -80.608056 Grapevine Road CR 25/31 Upper Fish Creek	ntry to conduc
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Pursuant to Wes a plat survey on State: County: Quadrangle: Copies of the stamay be obtained	at Virginia Co the tract of leavest Virginia learshall iberty ameron ate Erosion at	and as follows: nd Sediment Contro	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Charles Jamison Ianual and the statutes and rules related to oil and gas exploration a partment of Environmental Protection headquarters, located at 601.5	nd proc
Charleston WV			such documents or additional information related to horizontal drivesov/oil-and-gas/pages/default.aspx.	lling may be
obtained from th		T*	A Annual Control of the Control	
btained from the	by given by	3		
obtained from the Notice is here Well Operator:		TION COMPANY, LLC	Address; 1300 Fort Pierpont Dr., Suite 201	
btained from the			Address: 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508 Facsimile: 304-884-1690	

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

RY THAT REQUIRES A JRE CONFIRMATION 1, the operator shall provide notice of planned entry Such notice shall be provided at least seven days
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JRE CONFIRMATION 1, the operator shall provide notice of planned entry 2. Such notice shall be provided at least seven days
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n, the operator shall provide notice of planned entry. Such notice shall be provided at least seven days
Such notice shall be provided at least seven days
uch tract; (2) to any owner or lessee of coal seams six, chapter twenty-two of this code; and (3) any li include a statement that copies of the state Erosion loration and production may be obtained from the is for a web page on the Secretary's web site, to
VNER OR LESSEE
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dersigned well operator is planning entry to conduct Longitude: 39.792781, -80.608056 Grapevine Road CR 25/31
Upper Fish Creek
m name: Charles Jamison
es related to oil and gas exploration and production tection headquarters, located at 601 57th Street, SE, information related to horizontal drilling may be lt.aspx.
D Fort Pierpont Dr., Suite 201
gantown, WV 26508
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or all

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Date of Notice: 4H82019 Date of Planned Entry: 42532919 Delivery method pursuant to West Virginia Code § 22-6A-10a PERSONAL		equirement:	Notice shall be prov	ided at l	east SEVEN (7) day	s but no more that	FORTY-FIVE (45) days prior to
PERSONAL REGISTERED MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planmon to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seve but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal beneath such tract that has filled a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and Gowner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the stat and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained fit Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web sit enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Office of Old and Gos Name: Address: NOV 0 5 2019 Name: Address: We Department of Environmental Entrection Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Pursuant to West Virginia Pursuant to West Virginia Code § 20-6A-10(a) to the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the Wy Department of Environmental Protection headquarters, located at 601 57th States. Notice is hereby given by: Well Operator: Well Operator: Well Operator: Was		4/18/2019	Date of Plan	ned En	try: 4/25/2019		
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planmon to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seve but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lesses of coal beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3 owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the stat and Sediment Control Manual and the statutes and rules related to oil and gas exploration and probability of this code; and (3 owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the stat and Sediment Control Manual and the statutes and rules related to oil and gas exploration and probability of this code; and (3 owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state state and statement that copies of the state shall include contact information, including the address for a web page on the Secretary's web sit enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Office of Cili and Gas Name: Address: Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: Veat Virginia Approx. Latitude & Longitude: Approx. Latitude & Longitude: Operation of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601.57th St. Charleston, WV 25304 (304-926-0450). Cop	Delivery metho	od pursuant	to West Virginia Co	de § 22	-6A-10a		
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planmon to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seve but no more than forty-five days prior to such entry to: (1) The surface cowner of such tract; (2) to any owner or lesses of coal beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3 owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the stat and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web sit enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Surpace Owner(s) Surpace Owner(s) Name: Address: Office of Cit and Gas Name: Address: Office of Cit and Gas Name: Jenes Hosking Address: We Department of Environmental Encircion Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Country: Mershall Pursuant to West Virginia Common Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601.57th St. Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling motal and the Secretary by visiting www.den.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Well Operator: Well Operator: Well Operator: Well Operator: Well	T pengovi		DEGIGERADO		ADMIOD OF DEL		MOLITHER A
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planm on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seve but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal beneath such tract that has filled a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (5 owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the stat and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained fix Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web sit enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURPACE OWNER(s) Name: Address: DECEMED Office of Oil and Gas Name: Address: WW Department of Environmental Endesion Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey or the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey or the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: Generally used farm name: County: Upper Fish Creek							\$ \$ 100 mm (mm)
on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seve but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (2) owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the stat and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained for Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web sit enable the surface owner to obtain copies from the secretary. Notice is hereby provided to: SURFACE OWNER(s) Name: Address: Olfice of Olf and Gas Name: Address: Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Oundrangle: Cameron County: Marchall District Liberty Watershed: Quadrangle: Cameron Cameron Cameron Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th St. Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling motal brained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th St. Charleston, WV 25304 (304-926-04	SERVICE		MAIL	1	RECEIPT OR SIGN	ATURE CONFIR	MATION
Surface Owner(s) Name: Address: Office of Oil and Gas Name: Address: Name: Address: Office of Oil and Gas Name: Address: Nov 0 5 2019 Name: Address: Name: Address: Name: Add	on to the surface but no more that beneath such tra- owner of minera and Sediment C Secretary, which	e tract to cond in forty-five d act that has fi als underlying control Manual h statement si	duct any plat surveys lays prior to such ent led a declaration pure g such tract in the co al and the statutes an hall include contact i	require ry to: (I suant to unty tax d rules r nformat	d pursuant to this ar) The surface owner section thirty-six, ar records. The notice elated to oil and gas ion, including the ac	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the
Name:	Notice is hereb	y provided t	0;				
Name: Address: Name: Address: Name: Address: Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: State: West Virginia Approx. Latitude & Longitude: District: Liberty Address: Grapevine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th State Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling mobitained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Plerpont Dr., Suite 201	☐ SURFACE	OWNER(s)			☐ COAL	OWNER OR LE	SSEE
Name: Address: Address: Address: Address: Name: Address: Address: Address: Name: Address: Address: Address: Name: Address: Address: Address: Name: Address: Address: Address: Address: Name: Address: Addres	Name:				Name:		
Name: Address: Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Complete and Address: West Virginia Approx. Latitude & Longitude: State: Oundrangle: County: Wareshed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charless Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th State Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling mobiained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: Swn PRODUCTION COMPANY, LLC Address: 1300 Fort Plerpont Dr., Suite 201	Address:		RECEIVED		Address:		
Address: Name: James Hosking Address: WV Department of Canal Futer. On H44614 Environmental Fretection Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: Ounty: Marshall Public Road Access: Grapevine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Comeron Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th State Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling mobitained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Pierpont Dr., Suite 201				d Gas			
Name: Address: WV Department of Environmental F. Dection Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.792781, -80.608058 County: Marshall Public Road Access: Graperine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Str. Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling mobitained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Plerpont Dr., Suite 201	Name:				MINIE MINIE	PALOWNER(e)	
Name: Address: WV Department of Environmental F. Dection Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.792781, -80.608058 County: Marshall Public Road Access: Graperine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Str. Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling mobitained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Plerpont Dr., Suite 201	Address:		NOV 0 5 20	19			
Address: Wy Department of Environmental Figuresian Relation, OH 44614 *please attach additional forms if necessary Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to a plat survey on the tract of land as follows: State: West Virginia Approx. Latitude & Longitude: 39.792781, -80.608056 County: Marshall Public Road Access: Grapevine Road CR 25/31 District: Liberty Watershed: Upper Fish Creek Quadrangle: Cameron Generally used farm name: Charles Jamison Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and promay be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Str. Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling mobiained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx. Notice is hereby given by: Well Operator: SWN PRODUCTION COMPANY, LLC Address: 1300 Fort Plerpont Dr., Suite 201				-	Address	06 Denshire Dr. NW	
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Telephone: 304-884-1610 Morgantown, WV 26508	may be obtained Charleston, WV obtained from t Notice is here Well Operator:	d from the Se / 25304 (304 he Secretary by given by	coretary, at the WV In-926-0450). Copies by visiting www.den	epartme of such	ent of Environmenta documents or additi oil-and-gas/pages/c	l Protection headqional information r lefault.aspx.	uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
		304-884-1610				Morgantown, WV 26508	8
Email: brittany_woody@swn.com Facsimile: 304-884-1690	Email:	brittany_woody@	@swn.com		Facsimile:	304-884-1690	

Oil and Gas Privacy Notice:

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry		The stands out me at the first	vided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
	of Notice: 4/18/2	Date of Plan	nned Entry: 4/25/2019
Deliv	very method pur	rsuant to West Virginia C	ode § 22-6A-10a
П	PERSONAL	■ REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
	SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to but n benea owne and S Secre enabl	the surface tract o more than forty ath such tract that er of minerals un- sediment Control etary, which state le the surface ow	to conduct any plat survey, five days prior to such en- t has filed a declaration pur derlying such tract in the co- Manual and the statutes an ament shall include contact ner to obtain copies from the	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days try to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams suant to section thirty-six, article six, chapter twenty-two of this code; and (3) any ounty tax records. The notice shall include a statement that copies of the state Erosion and rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
	ce is hereby pro		
	SURFACE OWN		☐ COAL OWNER OR LESSEE
Name	e:		Name:
Addr	ess:		Address:
Name	a.	Office of Oil and	gas ————
	ess:		MINERAL OWNER(s)
Luci		NOV 0.5 20	Name: Jeffrey Todd Fromhart
Name	e:		Address: 1309 Center St
Addr	ess:	VAN/ Dopedme	
		tiles a comme	-15
-		Emms mental F	*please attach additional forms if necessary
Pursu a plat State Coun Distr	t survey on the tr : West Virgity: Marshall ict: Liberty	ven: ginia Code § 22-6A-10(a), r act of land as follows:	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
Pursu a plat State Coun Distr	t survey on the tr West Virginity: Marshall	ven: ginia Code § 22-6A-10(a), r act of land as follows:	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31
Pursu a plat State Coun Distr Quad Copie may Char	tant to West Virg t survey on the tr : West Virg tity: Marshall ict: Liberty lrangle: Cameron es of the state Er be obtained from leston, WV 2530	ven: ginia Code § 22-6A-10(a), r act of land as follows: ginia osion and Sediment Contro the Secretary, at the WV I 04 (304-926-0450). Copies	Approx. Latitude & Longitude: 39.792781, -80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek
Pursu a plat State Coun Distr Quad Copi may Char obtai	tant to West Virg t survey on the tr : West Virg tty: Marshall ict: Liberty lrangle: Cameron es of the state Er be obtained from leston, WV 253 ned from the Sec	ven: ginia Code § 22-6A-10(a), r act of land as follows: ginia osion and Sediment Contro the Secretary, at the WV I 04 (304-926-0450). Copies cretary by visiting www.der	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be
Pursu a plat State Coun Distr Quad Copi may Char- obtai	tant to West Virgt survey on the frame of the state Erbe obtained from the Security in the state Erbe obtained from the Security in the Securi	ven: ginia Code § 22-6A-10(a), r act of land as follows: osion and Sediment Contro the Secretary, at the WV I 04 (304-926-0450). Copies cretary by visiting www.der ven by:	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be p.wv.gov/oil-and-gas/pages/default.aspx.
Pursu a plat State Coun Distr Quad Copi may Char obtai Noti	tant to West Virgt survey on the from the survey of the state Error the obtained from the survey of the su	ven: ginia Code § 22-6A-10(a), react of land as follows: plant of land as follows: posion and Sediment Control the Secretary, at the WV In (304-926-0450). Copies cretary by visiting www.derven by: production company, LLC	Approx. Latitude & Longitude: 39.792781,-80.608056 Public Road Access: Grapevine Road CR 25/31 Watershed: Upper Fish Creek Generally used farm name: Charles Jamison I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be p.wv.gov/oil-and-gas/pages/default.aspx. Address: 1300 Fort Pierpont Dr., Suite 201
Pursu a plat State Coun Distr Quad Copi may Char obtai Well	tant to West Virg t survey on the tr : West Virg thy: Marshall ict: Liberty lrangle: Cameron es of the state Er be obtained from leston, WV 253 ned from the Sec ce is hereby gi Operator: SWN 304-8	ven: ginia Code § 22-6A-10(a), r act of land as follows: osion and Sediment Contro the Secretary, at the WV I 04 (304-926-0450). Copies cretary by visiting www.der ven by:	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57th Street, SE, of such documents or additional information related to horizontal drilling may be p.wv.gov/oil-and-gas/pages/default.aspx.

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

Notice	e Time Requ	irement:	Notice shall be prov	ided at	least SEVEN (7) da	ys but no more tha	n FORTY-FIVE (45) days prior to
	of Notice: 4/1	8/2019	Date of Plan	ned Er	ntry: 4/25/2019		
Delive	ery method p	oursuant	to West Virginia Co	ode § 2:	2-6A-10a		
Пр	PERSONAL		REGISTERED	П	METHOD OF DEI	IVEDV THAT DE	COLUDES
	ERVICE		MAIL		RECEIPT OR SIGN		
on to to but no beneat owner and Secret	the surface trace trace than for the such trace to of minerals updiment Contary, which states	act to con- orty-five on that has finderlying tol Manus atement s	duct any plat surveys lays prior to such ent led a declaration pur- g such tract in the co al and the statutes an	require ry to: () suant to unty tax d rules nforma	ed pursuant to this a 1) The surface owne section thirty-six, a c records. The notic related to oil and ga- tion, including the a	rticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice	e is hereby p	rovided t	0:				
	URFACE OV	VNER(s)			☐ COA	LOWNER OR LE	SSEE
Name:	4-4-1	1000	RECEIVED		Name:		
Addre	ss:		Office of Oil and		Address:		
Name:			MOV A F 201	0	4		P
Addre	ss:		NOV 0 5 201	9		ERAL OWNER(s)	
XT.					Name: Ma	rilyn Troyer a/k/a Marilyn I	damel
Name:	SS;		WV Departmen	t of	Address:	2430 Meadows Ave. NW	
Addre	55;		Environmental Pro	rection		44708 h additional forms if ne	
					-prease anac	n additional forms if he	Gessary
Pursua a plat s State: County	survey on the West Y: Marsh	irginia Co tract of l Virginia	ode § 22-6A-10(a), n and as follows:	otice is		ude & Longitude:	operator is planning entry to conduct 39.792781, -80.608056 Grapevine Road CR 25/31
Distric	ct: Liberty	1			Watershed:		Upper Fish Creek
Quadra	angle: Camer	ron			Generally use	d farm name:	Charles Jamison
may be Charle obtain	e obtained fro eston, WV 25 ed from the S	om the Se 3304 (304 Secretary	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep</u>	epartm of such	ent of Environmental documents or addit	il Protection headqi ional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
	e is hereby Operator: sv	_			A ddraga.	Change of the Control of the Control	
Teleph	· ·		TION COMPANY, LLC		Address:	1300 Fort Pierpont Dr.,	
Email:		4-884-1610	2000		Facsimile:	Morgantown, WV 26508	3
-mail	brit	tany_woody@	yswn.com		racsimile:	304-884-1690	
A	10 n.		e-0.				

Oil and Gas Privacy Notice:

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Date of Notice	Requirement: ce: 05/02/2019	Notice shall be provided at Date Peri	least TEN (10) days prior to 5 hs a mit Application Filed:	permit application.
Delivery met	hod pursuant	to West Virginia Code § 2	2-6A-16(b)	
☐ HAND		CERTIFIED MAIL		
DELIVE		RETURN RECEIPT REQ	UESTED	
receipt request drilling a hor of this subsect subsection ma	sted or hand del izontal well: Pa tion as of the da ay be waived in	ivery, give the surface own rovided, That notice given ate the notice was provided writing by the surface own	er notice of its intent to enter upon the pursuant to subsection (a), section te to the surface owner: <i>Provided</i> , how	an operator shall, by certified mail return ne surface owner's land for the purpose of an of this article satisfies the requirements rever, That the notice requirements of this ude the name, address, telephone number, or's authorized representative.
		to the SURFACE OW	NER(s):	
Name: Charles			Name:	
	berty St		Address:	
a collection of the collection				
Pursuant to V	reby given: /est Virginia Co	ode § 22-6A-16(b), notice i	is hereby given that the undersigned	well operator has an intent to enter upon
Notice is he Pursuant to V the surface ov State:	reby given: /est Virginia Co	the purpose of drilling a hor	is hereby given that the undersigned rizontal well on the tract of land as fo UTM NAD 83 Easting: Northing:	well operator has an intent to enter upon llows: 533,588.653 4,404,734.307
Notice is he Pursuant to V the surface ov State:	reby given: /est Virginia Co vner's land for t West Virginia	he purpose of drilling a hor	rizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	llows: 533,588.653
Notice is he Pursuant to V the surface ov State: County: District:	reby given: /est Virginia Covner's land for t West Virginia Marshall	the purpose of drilling a hor	rizontal well on the tract of land as fo UTM NAD 83 Easting: Northing:	llows: 533,588.653 4,404,734.307
Notice is he Pursuant to V the surface ov State: County:	reby given: /est Virginia Covner's land for the West Virginia Marshall Liberty	the purpose of drilling a hor	rizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	Ilows: 533,588.653 4,404,734.307 Grapevine Ridge Drive
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hor	reby given: /est Virginia Covner's land for twest Virginia Marshall Liberty Cameron Maggoty Run Shall Include West Virginia (onber and electrizontal drilling	Office of Oll and Gas NOV 0.5.2019 WAY DELL IMPRIOR Code § 22-6A-16(b), This onic mail address of the o	rizontal well on the tract of land as fo — UTM NAD 83 Easting: — Northing: — Public Road Access: — Generally used farm name: — hotice shall include the name, addroperator and the operator's authorize Secretary, at the WV Department of	Ilows: 533,588.653 4,404,734.307 Grapevine Ridge Drive
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hor located at 60000 Notice is he	reby given: Vest Virginia Covner's land for twest Virginia Marshall Liberty Cameron Maggoty Run Shall Include West Virginia Conber and electrizontal drilling 57th Street, SE	The purpose of drilling a hor PEGENED Office of Oll and Gas-NOV 0.5 2019 WAY DE TOP OF Code § 22-6A-16(b), this of onic mail address of the omay be obtained from the , Charleston, WV 25304 (3)	rizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addreperator and the operator's authorize Secretary, at the WV Department of 304-926-0450) or by visiting www.de	llows: 533,588.653 4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hor located at 60000 Notice is he	reby given: Jest Virginia Covner's land for the West Virginia Marshall Liberty Cameron Maggoty Run Shall Include West Virginia Conber and electrostizontal drilling 57th Street, SE	The purpose of drilling a hor PEGENED Office of Oll and Gas-NOV 0.5 2019 WAY DE TOP OF Code § 22-6A-16(b), this of onic mail address of the omay be obtained from the , Charleston, WV 25304 (3)	rizontal well on the tract of land as fo — UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: hotice shall include the name, addreperator and the operator's authorize Secretary, at the WV Department of 304-926-0450) or by visiting www.de	llows: 533,588.653 4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hor located at 60000 Notice is he	reby given: Vest Virginia Covner's land for the West Virginia Marshall Liberty Cameron Maggoty Run Shall Include West Virginia Conber and electriziontal drilling 57th Street, SE reby given by The Strong Street Security Production	The purpose of drilling a hor PEGENED Office of Oll and Gas-NOV 0.5 2019 WAY DE TOP OF Code § 22-6A-16(b), this of onic mail address of the omay be obtained from the , Charleston, WV 25304 (3)	rizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addreperator and the operator's authorize Secretary, at the WV Department of 304-926-0450) or by visiting www.de	llows: 533,588.653 4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hot located at 60 l Notice is he Well Operato Address:	reby given: Vest Virginia Covner's land for the West Virginia Marshall Liberty Cameron Maggoty Run Shall Include West Virginia Conber and electriziontal drilling 57th Street, SE reby given by The Strong Street Security Production	The purpose of drilling a hor PEGENED Office of Oll and Gas NOV 0.5 2019 WAY DE THE PROPERTY OF Code § 22-6A-16(b), this room may be obtained from the Charleston, WV 25304 (3) Cont Dr., Suite 201	rizontal well on the tract of land as fo — UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: hotice shall include the name, addroperator and the operator's authorized Secretary, at the WV Department of 304-926-0450) or by visiting www.de — Authorized Representative: Address:	llows: 533,588.653 4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hot located at 601 Notice is he Well Operato Address: Telephone:	reby given: Vest Virginia Covner's land for the West Virginia Marshall Liberty Cameron Maggoty Run Shall Include West Virginia Conber and electrizontal drilling 57th Street, SE reby given by r: SWN Production 1300 Fort Piers	The purpose of drilling a hor PEGENED Office of Oll and Gas NOV 0.5 2019 WAY DE THE PROPERTY OF Code § 22-6A-16(b), this room may be obtained from the Charleston, WV 25304 (3) Cont Dr., Suite 201	rizontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: notice shall include the name, addroperator and the operator's authorize Secretary, at the WV Department of 304-926-0450) or by visiting www.de Authorized Representative: Address: Telephone:	llows: 533,588.653 4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Dr., Suite 201
Notice is he Pursuant to V the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nur related to hot located at 601 Notice is he Well Operato	reby given: Vest Virginia Covner's land for to West Virginia Marshall Liberty Cameron Maggoty Run Shall Include West Virginia Conber and electroizontal drilling 57th Street, SE reby given by The Street of	The purpose of drilling a hor PEGEWED Office of Oll and Gas-NOV 0.5.2019 WAY DELETINED OF Code § 22-6A-16(b), this roonic mail address of the omay be obtained from the , Charleston, WV 25304 (3) Con Company, LLC cont Dr., Suite 201 N 26508	rizontal well on the tract of land as fo — UTM NAD 83 Easting: Northing: Public Road Access: Generally used farm name: hotice shall include the name, addroperator and the operator's authorized Secretary, at the WV Department of 304-926-0450) or by visiting www.de — Authorized Representative: Address:	llows: 533,588.653 4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Date of Notic	Requirement: ce: 05/02/2019	Notice shall be provided at lea	ast TEN (10) days prior to filing at Application Filed:	permit application.
Delivery me	thod pursuant	to West Virginia Code § 22-6	6A-16(b)	
☐ HAND		CERTIFIED MAIL		
DELIVE		RETURN RECEIPT REQUI	ESTED	
receipt reque drilling a hor of this subsec subsection m and if availab	sted or hand del izontal well: Petion as of the day be waived in the facsimile nu	ivery, give the surface owner rovided, That notice given purate the notice was provided to writing by the surface owner, mber and electronic mail addr	notice of its intent to enter upon the resuant to subsection (a), section to the surface owner: <i>Provided, how</i> The notice, if required, shall inchess of the operator and the operator	an operator shall, by certified mail return the surface owner's land for the purpose of an of this article satisfies the requirements overer. That the notice requirements of this the name, address, telephone number, r's authorized representative.
Notice is he Name: Gail Zwi		d to the SURFACE OWN	ER(s): Name:	
	Edgington Lane #15		Address:	
Wheeling, WV 26				
State: County: District:	West Virginia Marshall Liberty	PECEIVED Office of Oil and Gas	ontal well on the tract of land as fo UTM NAD 83 Easting: Northing: Public Road Access:	533,588.653 4,404,734,307 Grapevine Ridge Drive
Quadrangle: Watershed:	Cameron Maggoty Run	NOV 0 5 2019	Generally used farm name:	Charles Jamison MSH
Pursuant to facsimile nur related to ho	West Virginia (mber and electr rizontal drilling	onic mail address of the ope may be obtained from the Se	rator and the operator's authorize ecretary, at the WV Department of	ess, telephone number, and if available, and representative. Additional information f Environmental Protection headquarters, p.wv.gov/oil-and-gas/pages/default.aspx.
	ereby given by		Authorized Representative:	Late Reality
Address:	I was do The a Year	ont Dr., Suite 201	Address:	Justin Booth
. 1401000.	Morgantown, W			1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508
Telephone:	304-997-9816	1 23400	Telephone:	304-997-9816
Email:	Justin_Booth@)swn.com	Email:	Justin_Booth@swn.com
Facsimile:	304-884-1691	Section 2006	Facsimile:	304-884-1691
				<u> </u>

Oil and Gas Privacy Notice:

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time F Date of Notice	Requirement: 05/02/2019	Notice shall be provided at least Date Permit A	t TEN (10) days prior to filing a	permit application.
Delivery meth	od pursuant	to West Virginia Code § 22-6A	i-16(b)	
☐ HAND		CERTIFIED MAIL		
DELIVE		RETURN RECEIPT REQUES	STED	
receipt request drilling a horiz of this subsect subsection may and if available	ed or hand del contal well: P ion as of the d y be waived in e, facsimile nu eby provided	livery, give the surface owner no rovided. That notice given pursuate the notice was provided to the	otice of its intent to enter upon the uant to subsection (a), section to the surface owner: <i>Provided, how</i> The notice, if required, shall include of the operator and the operator	, an operator shall, by certified mail return he surface owner's land for the purpose of en of this article satisfies the requirements wever. That the notice requirements of this lude the name, address, telephone number, or's authorized representative. PECEIVED Office of Oil and Gas
Address: 911 H			Address:	NOV 0 5 2019
St. Albans, WV 25		-	Address.	1101 0 3 2019
the surface ow State: County: District:	ner's land for West Virginia Marshall	the purpose of drilling a horizon	tal well on the tract of land as for UTM NAD 83 Easting: Northing:	533,588.653 4,404,734,307
	Liberty		Public Road Access: Generally used farm name:	Grapevine Ridge Drive Charles Jamison MSH
	Maggoty Run		deficially used farm fiame.	Charles Januson Wan
This Notice	Shall Include	25		
Pursuant to W facsimile num related to hori:	ber and electr zontal drilling	onic mail address of the opera may be obtained from the Sec	tor and the operator's authorize retary, at the WV Department of	ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to W facsimile num related to hori:	ber and electr zontal drilling 57 th Street, SE	onic mail address of the opera may be obtained from the Sect , Charleston, WV 25304 (304-9	tor and the operator's authorize retary, at the WV Department of	ed representative. Additional information of Environmental Protection headquarters,
Pursuant to W facsimile num related to hori- located at 601 Notice is her Well Operator	ber and electr zontal drilling 57th Street, SE eby given by	onic mail address of the opera may be obtained from the Sect. Charleston, WV 25304 (304-9)	tor and the operator's authorized retary, at the WV Department of 226-0450) or by visiting www.do	ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to W facsimile num related to hori- located at 601 Notice is her Well Operator	ber and electr zontal drilling 57 th Street, SE eby given by SWN Production	onic mail address of the opera may be obtained from the Sect. Charleston, WV 25304 (304-9)	tor and the operator's authoriz retary, at the WV Department of 226-0450) or by visiting www.de	ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to W facsimile num related to hori. located at 601 Notice is her Well Operator Address:	ber and electr zontal drilling 57 th Street, SE eby given by SWN Production	onic mail address of the opera may be obtained from the Sect , Charleston, WV 25304 (304-9 7: on Company, LLC cont Dr., Suite 201	tor and the operator's authorized retary, at the WV Department of 226-0450) or by visiting www.de Authorized Representative: Address:	ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth
Pursuant to W facsimile num related to horizocated at 601 Notice is her Well Operator Address: Telephone:	ber and electr zontal drilling 57 th Street, SE eby given by SWN Production	onic mail address of the opera may be obtained from the Sect , Charleston, WV 25304 (304-9 7: on Company, LLC cont Dr., Suite 201	tor and the operator's authorized retary, at the WV Department of 226-0450) or by visiting www.do Authorized Representative: Address: Telephone:	ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Dr., Suite 201
Pursuant to W facsimile num related to hori. located at 601 Notice is her Well Operator Address:	ber and electric zontal drilling 57th Street, SE eby given by SWN Production 1300 Fort Pierry Morgantown, W	conic mail address of the opera may be obtained from the Sect , Charleston, WV 25304 (304-9 7: on Company, LLC pont Dr., Suite 201 N 26508	tor and the operator's authorized retary, at the WV Department of 226-0450) or by visiting www.de Authorized Representative: Address:	ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508

Oil and Gas Privacy Notice:

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Date of Notic	Requirement: Notice shall be provide: 05/02/2019 Date	e Permit Application Filed:	permit applicati	-
Delivery met	hod pursuant to West Virginia Coo	de § 22-6A-16(b)		
☐ HAND DELIVE	CERTIFIED MAIL	PROLITETED		
DELIVE	RY RETURN RECEIPT	REQUESTED		
receipt reques drilling a hori of this subsect subsection ma	ted or hand delivery, give the surface zontal well: <i>Provided</i> , That notice gation as of the date the notice was property be waived in writing by the surface	en days prior to filing a permit application, e owner notice of its intent to enter upon the given pursuant to subsection (a), section to vided to the surface owner: <i>Provided, how</i> e owner. The notice, if required, shall included address of the operator and the operator	he surface owner on of this article wever, That the n ude the name, ac	r's land for the purpose of satisfies the requirements notice requirements of this ddress, telephone number, epresentative.
Notice is her	reby provided to the SURFACE	OWNER(s)		Office of ST
	nergy ATTN: Mason Smith	Name:		Office of Oil and Gas
Address: 4622		Address:	hijo	MOV a s one
St. Clairsville, OH				NOV 0 5 2019
the surface ov	est Virginia Code § 22-6A-16(b), no vner's land for the purpose of drilling	otice is hereby given that the undersigned a horizontal well on the tract of land as for	well operator ha	WV Department of vironmental Politiciapon as an intent to lifterapon
Pursuant to W	est Virginia Code § 22-6A-16(b), no	otice is hereby given that the undersigned a horizontal well on the tract of land as for the body of the UTM NAD 83 Easting: Northing:	well operator ha	WV Department of vironmental Politiciapon as an intent to lifterapon
Pursuant to W the surface ov State: County: District:	Vest Virginia Code § 22-6A-16(b), no vner's land for the purpose of drilling West Virginia	g a horizontal well on the tract of land as for Easting: UTM NAD 83 Easting: Northing: Public Road Access:	well operator habilows: 533,588.653	as an intent to entergipon
Pursuant to W the surface ov State: County: District: Quadrangle:	Vest Virginia Code § 22-6A-16(b), no vner's land for the purpose of drilling West Virginia Marshall	g a horizontal well on the tract of land as for Easting: UTM NAD 83 Rorthing:	well operator habilows: 533,588.653 4,404,734.307	as an intent to enterupon
Pursuant to W the surface ov State:	Vest Virginia Code § 22-6A-16(b), no vner's land for the purpose of drilling West Virginia Marshall	g a horizontal well on the tract of land as for Easting: UTM NAD 83 Easting: Northing: Public Road Access:	well operator habilows: 533,588.653 4,404,734.307 Grapevine Ridge Dr	as an intent to enterupon
Pursuant to W the surface ov State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile nun related to hor	Vest Virginia Code § 22-6A-16(b), no vener's land for the purpose of drilling West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(b), no ber and electronic mail address of izontal drilling may be obtained from the veneral drilling ma	g a horizontal well on the tract of land as for Easting: UTM NAD 83 Easting: Northing: Public Road Access:	well operator habllows: 533,588.653 4,404,734,307 Grapevine Ridge Dr Charles Jamison Ma	number, and if available, e. Additional information I Protection headquarters.
Pursuant to Withe surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Vitacsimile numericated to hor located at 601	Vest Virginia Code § 22-6A-16(b), nover's land for the purpose of drilling West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(b), nober and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25.	this notice shall include the name, address the operator and the operator's authorized the Secretary, at the WV Department of the desired the operator, at the WV Department of the operator of the secretary, at the WV Department of the operator of the ope	well operator habllows: 533,588.653 4,404,734,307 Grapevine Ridge Dr Charles Jamison Ma	number, and if available, e. Additional information I Protection headquarters.
Pursuant to Withe surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Vitacsimile numericated to hor located at 601	Vest Virginia Code § 22-6A-16(b), nover's land for the purpose of drilling West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(b), nober and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25: reby given by:	this notice shall include the name, address the operator and the operator's authorized the Secretary, at the WV Department of the desired the operator, at the WV Department of the operator of the secretary, at the WV Department of the operator of the ope	well operator habillows: 533,588.653 4,404,734.307 Grapevine Ridge Dr Charles Jamison Ma	number, and if available, e. Additional information I Protection headquarters.
Pursuant to Withe surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to Vitage facsimile numericated to hor located at 601 Notice is her	Vest Virginia Code § 22-6A-16(b), nover's land for the purpose of drilling West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(b), nober and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25: reby given by:	this notice shall include the name, addr the operator and the WV Department of the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.de	well operator habillows: 533,588.653 4,404,734.307 Grapevine Ridge Dr Charles Jamison Mi ress, telephone red representative of Environmenta	number, and if available, e. Additional information I Protection headquarters, ad-gas/pages/default.aspx.
Pursuant to Withe surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to With the surface of th	Vest Virginia Code § 22-6A-16(b), nover's land for the purpose of drilling West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(b), nober and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25: reby given by: SWN Production Company, LLC	this notice shall include the name, addr the operator and the operator's authorized method of the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.de	well operator habillows: 533,588.653 4,404,734.307 Grapevine Ridge Dr Charles Jamison Ma	number, and if available, e. Additional information I Protection headquarters, id-gas/pages/default.aspx.
Pursuant to Withe surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to With the surface of th	Vest Virginia Code § 22-6A-16(b), nover's land for the purpose of drilling West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(b), noter and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25: reby given by: SWN Production Company, LLC 1300 Fort Pierpont Dr., Suite 201	this notice shall include the name, addr the operator and the operator's authorized method of the Secretary, at the WV Department of 304 (304-926-0450) or by visiting www.de	well operator habillows: 533,588.653 4,404,734.307 Grapevine Ridge Dr Charles Jamison Ma ress, telephone red representative of Environmenta ep.wv.gov/oil-an Justin Booth 1300 Fort Pierpo	number, and if available, e. Additional information I Protection headquarters, id-gas/pages/default.aspx.
Pursuant to Withe surface over State: County: District: Quadrangle: Watershed: This Notice Pursuant to With the surface of th	Vest Virginia Code § 22-6A-16(b), nover's land for the purpose of drilling West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(b), nober and electronic mail address of izontal drilling may be obtained from 57th Street, SE, Charleston, WV 25: reby given by: SWN Production Company, LLC 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508	this notice shall include the name, address: Authorized Representative: Address: Authorized Representative: Address: Authorized Representative: Address:	well operator habillows: 533,588.653 4,404,734.307 Grapevine Ridge Dr Charles Jamison Ms ress, telephone red representative of Environmenta ep.wv.gov/oil-an Justin Booth 1300 Fort Pierpo Morgantown, WV	number, and if available, e. Additional information I Protection headquarters, ad-gas/pages/default.aspx.

Oil and Gas Privacy Notice:

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Date of Notic	Requirement: Notice shall be pro- e: 05/02/2019 D	vided at least TEN (10) days prior to filing a ate Permit Application Filed:	permit application.
Delivery met	hod pursuant to West Virginia C	ode § 22-6A-16(b)	
☐ HAND	■ CERTIFIED MAII	L	
DELIVE	RY RETURN RECEI	PT REQUESTED	
receipt reques drilling a hori of this subsect subsection ma and if availabl	ted or hand delivery, give the surfaction as of the date the notice was property be waived in writing by the surfaction as of the date the notice was property be waived in writing by the surfaction.	ten days prior to filing a permit application, ace owner notice of its intent to enter upon the given pursuant to subsection (a), section te rovided to the surface owner: <i>Provided, how</i> ace owner. The notice, if required, shall include mail address of the operator and the operator	ne surface owner's land for the purpose of en of this article satisfies the requirements vever. That the notice requirements of this ude the name, address, telephone number,
Name: Ronnie E		Name:	NOV 0 5 2019
Address: 3780		Address:	NOV U 9 2019
Cameron, WV 260	033		WV Department of Environmental Protection
		ng a horizontal well on the tract of land as fo	niows.
State: County:	West Virginia Marshall	UTM NAD 83 Easting: Northing:	533,588.653 4,404,734.307
State: County: District:	Marshall Liberty	Public Road Access:	4,404,734.307 Grapevine Ridge Drive
State: County: District: Quadrangle: Watershed:	Marshall	Northing:	4,404,734.307
State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile num related to hor	Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(bluer and electronic mail address electronic drilling may be obtained fi	Public Road Access:	4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters,
State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile num related to horilocated at 601 Notice is her	Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(bluer and electronic mail address of izontal drilling may be obtained fif 57th Street, SE, Charleston, WV 22-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	Public Road Access: Generally used farm name: o), this notice shall include the name, address the operator and the operator's authorize from the Secretary, at the WV Department of 25304 (304-926-0450) or by visiting www.de	4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx.
State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile num related to horilocated at 601 Notice is her	Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(baber and electronic mail address dizontal drilling may be obtained fits 57th Street, SE, Charleston, WV 2 reby given by: "SWN Production Company, LLC	Public Road Access: Generally used farm name: o), this notice shall include the name, address the operator and the operator's authorized from the Secretary, at the WV Department of	4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth
State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile num related to hor located at 601 Notice is her Well Operator	Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(bluer and electronic mail address of izontal drilling may be obtained fif 57th Street, SE, Charleston, WV 22-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	Public Road Access: Generally used farm name: o), this notice shall include the name, address for the operator and the operator's authorize from the Secretary, at the WV Department of 25304 (304-926-0450) or by visiting www.de	4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Dr., Suite 201
State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile num related to hor located at 601 Notice is her Well Operator	Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(ber and electronic mail address of izontal drilling may be obtained fit 57th Street, SE, Charleston, WV 2 reby given by: SWN Production Company, LLC 1300 Fort Pierpont Dr., Suite 201	Public Road Access: Generally used farm name: o), this notice shall include the name, address for the operator and the operator's authorize from the Secretary, at the WV Department of 25304 (304-926-0450) or by visiting www.de	4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information f Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth
State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile num related to horilocated at 601 Notice is her Well Operator Address:	Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(but and electronic mail address of izontal drilling may be obtained for 57th Street, SE, Charleston, WV 2000 Teby given by: SWN Production Company, LLC 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508	Public Road Access: Generally used farm name: 0), this notice shall include the name, address authorized rom the Secretary, at the WV Department of the Secretary, at the WV Department of the Secretary, at the WV Department of Authorized Representative: Address:	Grapevine Ridge Drive Charles Jamison MSH ress, telephone number, and if available, ed representative. Additional information of Environmental Protection headquarters, ep.wv.gov/oil-and-gas/pages/default.aspx. Justin Booth 1300 Fort Pierpont Dr., Suite 201 Morgantown, WV 26508

Oil and Gas Privacy Notice:

Operator Well No. Charles Jamison MSH 202H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Delivery me	thod pursuant to West Virginia C	Code § 22-6A-16(c)		
■ CERT	IFIED MAIL	Пимп		
		☐ HAND		
RETU	RN RECEIPT REQUESTED	DELIVERY		
return receip the planned required to b drilling of a damages to t (d) The notic of notice.	t requested or hand delivery, give the operation. The notice required by the provided by subsection (b), section horizontal well; and (3) A proposition of the surface affected by oil and gas of the surface affecte	the surface owner whose land this subsection shall include the first the subsection shall include the surface use and compended surface use and compended the surface owner to the surface owner	d will be used for ide: (1) A copy face owner whose sation agreement amages are com	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the transfer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
(at the addre	ss listed in the records of the sheriff	at the time of notice):		
		Name:		
	and Jean Jamison			
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V	reby given: Vest Virginia Code § 22-6A-16(c),	Addres Addres	s:he undersigned	well operator has developed a planned
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V operation on	iberty St. 3 reby given:	Addres notice is hereby given that to rpose of drilling a horizonta	he undersigned al well on the tra	
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V operation on State:	reby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the pu	Addres Addres	he undersigned al well on the tra	act of land as follows;
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V operation on State: County: District:	reby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the pu	Addres notice is hereby given that to rpose of drilling a horizonta	he undersigned all well on the tra Easting: Northing:	ct of land as follows: 533,588.653
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V operation on State: County: District: Quadrangle:	reby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the pu West Virginia Marshall	notice is hereby given that trrpose of drilling a horizonta UTM NAD 3	he undersigned all well on the tra Easting: Northing:	act of land as follows; 533,588.653 4,404,734,307
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V operation on State: County: District:	reby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the pu West Virginia Marshall Liberty	notice is hereby given that trrpose of drilling a horizonta UTM NAD 3	he undersigned of the transport of the t	act of land as follows: 533,588.653 4,404,734.307 Grapevine Ridge Drive
Address: 901 Seville, OH 4427 Notice is her Pursuant to V operation on State: County: District: Quadrangle: Watershed: This Notice Pursuant to V to be provid horizontal we surface affect information	reby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the pu West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(c), ed by W. Va. Code § 22-6A-10(b); ell; and (3) A proposed surface use ted by oil and gas operations to the related to horizontal drilling may be located at 601 57th Street, SE,	notice is hereby given that turpose of drilling a horizonta UTM NAD a Public Road Generally us this notice shall include: (1 to a surface owner whose and compensation agreement extent the damages are contained from the Secret	he undersigned all well on the tra Basting: Northing: Access: ed farm name: A copy of this e land will be tent containing anompensable und tary, at the WV	act of land as follows: 533,588.653 4.404,734.307 Grapevine Ridge Drive Charles Jamison MSH code section; (2) The information required ased in conjunction with the drilling of an offer of compensation for damages to the ler article six-b of this chapter. Additional Department of Environmental Protection
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V operation on State: County: District: Quadrangle: Watershed: This Notice Pursuant to V to be provid horizontal we surface affect information of headquarters gas/pages/de	reby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the putwest Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(c), ed by W. Va. Code § 22-6A-10(b) ell; and (3) A proposed surface use ted by oil and gas operations to the related to horizontal drilling may be located at 601 57th Street, SE, fault.aspx.	notice is hereby given that to prose of drilling a horizontal UTM NAD and Generally us this notice shall include: (1 to a surface owner whose and compensation agreement extent the damages are controlled to the obtained from the Secret Charleston, WV 25304	he undersigned all well on the tra Basting: Northing: Access: ed farm name: A copy of this e land will be tent containing an ompensable und tary, at the WV (304-926-0450)	act of land as follows; 533,588.653 4.404.734.307 Grapevine Ridge Drive Charles Jamison MSH code section; (2) The information required used in conjunction with the drilling of a coffer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-
Address: 90 L Seville, OH 4427 Notice is her Pursuant to V operation on State: County: District: Quadrangle: Watershed: This Notice Pursuant to V to be provid horizontal we surface affect information of headquarters	reby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the putwest Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(c), ed by W. Va. Code § 22-6A-10(b) ell; and (3) A proposed surface use ted by oil and gas operations to the related to horizontal drilling may be located at 601 57th Street, SE, fault.aspx.	notice is hereby given that turpose of drilling a horizonta UTM NAD a Public Road Generally us this notice shall include: (1 to a surface owner whose and compensation agreement extent the damages are contained from the Secret	he undersigned all well on the tra Basting: Northing: Access: ed farm name: A copy of this e land will be tent containing anompensable und tary, at the WV	act of land as follows; 533,588.653 4.404.734.307 Grapevine Ridge Drive Charles Jamison MSH code section; (2) The information required used in conjunction with the drilling of an offer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-Dr., Suite 201

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas

NOV 05 2019

Operator Well No. Charles Jamison MSH 200

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

CERTIFI RETURN Pursuant to W. return receipt re the planned op- required to be p drilling of a ho damages to the	equested or hand delivery, give the surfa-	HAND DELIVERY the date for filing to	1-1	
RETURN Pursuant to W. return receipt re the planned op- required to be p drilling of a ho damages to the (d) The notices	Va. Code § 22-6A-16(c), no later that equested or hand delivery, give the surfa-	DELIVERY the date for filing the		
RETURN Pursuant to W. return receipt re the planned op- required to be p drilling of a ho damages to the (d) The notices	Va. Code § 22-6A-16(c), no later that equested or hand delivery, give the surfa-	DELIVERY the date for filing the		
return receipt re the planned op- required to be p drilling of a ho damages to the (d) The notices	equested or hand delivery, give the surfa-	the date for filing t		
	rovided by subsection (b), section ten or rizontal well; and (3) A proposed surf surface affected by oil and gas operatio	ubsection shall included this article to a surface use and compenses to the extent the date to the surface owner a	will be used for de: (1) A copy ace owner whos ation agreemen amages are comp	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information is land will be used in conjunction with the t containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
	isted in the records of the sheriff at the	time of notice):		
Address: 159 Edg	lington Lane # 15	Name: _ Address		
Wheeling, WV 26003		, ruures		
State:	e surface owner's land for the purpose (Nest Virginia	of drilling a horizonta UTM NAD 8	2 Easting:	533,588.653
	Marshall	Public Road	Northing:	4,404,734.307
-	Liberty		ed farm name:	Grapevine Ridge Drive
	Maggoty Run	Generally use	d farm hame.	Charles Jamison MSH
to be provided horizontal well; surface affected information rela	st Virginia Code § 22-6A-16(c), this not by W. Va. Code § 22-6A-10(b) to a and (3) A proposed surface use and coll by oil and gas operations to the extended to horizontal drilling may be obtained at 601 57th Street, SE, Chart	surface owner whose empensation agreement the damages are com- tined from the Secret	land will be untended to the containing and ompensable und ary, at the WV	code section; (2) The information required used in conjunction with the drilling of a offer of compensation for damages to the er article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-department
Well Operator:	SWN Production Company, LLC	Address:	1300 Fort Pierpont D	Dr. Cuita 201
Telephone:	304-997-9816	71001033.	Morgantown, WV 26	
	Justin_Booth@swn.com	Facsimile:	304-884-1691	
Email:		7,710,000,000,000		

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

> RECEIVED Office of Oil and Gas

NOV 0 5 2019

WAY Decentment of Environmental Protection

4705102295 Operator Well No. Chanes Jamison (VSH 2028)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Date of Notice	Requirement: notice shall be provide: 05/02/2019 Date Peru	ded no later than the filing on the filing on the filing of the filed:	late of permit	application.
Delivery met	hod pursuant to West Virginia Co	ode § 22-6A-16(c)	1. 1	
■ CERTI	FIED MAIL	☐ HAND		
	RN RECEIPT REQUESTED	DELIVERY		
Pursuant to Vereturn receipt the planned of required to be drilling of a lidamages to the damages to the cof notice. Notice is her (at the addres Name: Mitchell: Address: 9111	V. Va. Code § 22-6A-16(c), no late requested or hand delivery, give the operation. The notice required by the provided by subsection (b), section horizontal well; and (3) A proposed as surface affected by oil and gas operate of the section shall be get by provided to the SURFACE OV is listed in the records of the sheriff a Zwick	e surface owner whose land this subsection shall includ ten of this article to a surfa I surface use and compensa erations to the extent the dar iven to the surface owner at WNER(s)	will be used for e: (1) A copy ce owner whose tion agreement mages are come the address list	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information we land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
Pursuant to W	eby given: /est Virginia Code § 22-6A-16(c), no			well operator has developed a planned
Notice is her Pursuant to Woperation on	eby given: /est Virginia Code § 22-6A-16(c), no the surface owner's land for the pur	pose of drilling a horizontal	well on the tra	ect of land as follows:
Notice is her Pursuant to Woperation on State:	eby given: /est Virginia Code § 22-6A-16(c), no		well on the tra Easting:	
Notice is her Pursuant to Woperation on State: County:	eby given: /est Virginia Code § 22-6A-16(c), no the surface owner's land for the pur West Virginia	pose of drilling a horizontal	well on the tra Easting: Northing:	ct of land as follows: 533,588.653
Notice is her Pursuant to W	eby given: /est Virginia Code § 22-6A-16(c), no the surface owner's land for the pur West Virginia Marshall	pose of drilling a horizontal UTM NAD 83	well on the tra Easting: Northing:	act of land as follows: 533,588.653 4,404,734.307
Notice is her Pursuant to Woperation on State: County: District:	eby given: /est Virginia Code § 22-6A-16(c), no the surface owner's land for the pur West Virginia Marshall Liberty	pose of drilling a horizontal UTM NAD 83 Public Road A	well on the tra Easting: Northing:	cct of land as follows: 533,588.653 4,404,734.307 Grapevine Ridge Drive
Notice is her Pursuant to Woperation on State: County: District: Quadrangle: Watershed: This Notice Separate to Voto be provide horizontal we surface affectinformation of	eby given: /est Virginia Code § 22-6A-16(c), no the surface owner's land for the pury West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(c), the deby W. Va. Code § 22-6A-10(b) ell; and (3) A proposed surface use a ted by oil and gas operations to the related to horizontal drilling may be located at 601 57th Street, SE,	pose of drilling a horizontal UTM NAD 8. Public Road A Generally use his notice shall include: (1) to a surface owner whose and compensation agreement extent the damages are contained from the Secretary.	Mell on the tra Easting: Northing: Noccess: d farm name: A copy of this land will be at containing at mpensable underly, at the WV	cct of land as follows: 533,588.653 4,404,734.307 Grapevine Ridge Drive
Notice is her Pursuant to Woperation on State: County: District: Quadrangle: Watershed: This Notice Sepursuant to Wood to be provided horizontal we surface affect information the adquarters, gas/pages/def	eby given: /est Virginia Code § 22-6A-16(c), not the surface owner's land for the pury West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(c), the deby W. Va. Code § 22-6A-10(b) ell; and (3) A proposed surface use a sted by oil and gas operations to the related to horizontal drilling may be located at 601 57th Street, SE, fault.aspx.	pose of drilling a horizontal UTM NAD 8: Public Road A Generally use his notice shall include: (1) to a surface owner whose and compensation agreement extent the damages are compensation agreement obtained from the Secreta Charleston, WV 25304 (1)	well on the tra Easting: Northing: Access: d farm name: A copy of this land will be at containing at impensable undary, at the WV 304-926-0450)	code section; (2) The information required used in conjunction with the drilling of a noffer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-
Notice is her Pursuant to Woperation on State: County: District: Quadrangle: Watershed: This Notice Separation to Wood to be provided horizontal we surface affect information in headquarters, gas/pages/del Well Operato	eby given: //est Virginia Code § 22-6A-16(c), not the surface owner's land for the pury West Virginia Marshall Liberty Cameron Maggoty Run Shall Include: Vest Virginia Code § 22-6A-16(c), the down W. Va. Code § 22-6A-10(b) ell; and (3) A proposed surface use a sted by oil and gas operations to the related to horizontal drilling may be located at 601 57th Street, SE, fault.aspx. SWN Production Company, LLC	pose of drilling a horizontal UTM NAD 8. Public Road A Generally use his notice shall include: (1) to a surface owner whose and compensation agreement extent the damages are contained from the Secretary.	Well on the tra Easting: Northing: Access: d farm name: A copy of this land will be at containing at mpensable undary, at the WV 304-926-0450)	act of land as follows: 533,588.653 4,404,734.307 Grapevine Ridge Drive Charles Jamison MSH code section; (2) The information required used in conjunction with the drilling of a noffer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and-Dr., Suite 201
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Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

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Office of Oil and Gas

NOV 0 5 2019

war Department of muntal Protection

Operator Well No. Charles Jamison MSH 20611

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

otice Time late of Notic	ce: 05/02/2019 Date Per	mit Application Filed:	31114	
elivery met	hod pursuant to West Virginia Co	ode § 22-6A-16(c)		
CERTII	FIED MAIL	☐ HAND		
	RN RECEIPT REQUESTED	DELIVERY		
eturn receipt the planned of equired to be rilling of a lamages to the lamages to the finotice.	requested or hand delivery, give the peration. The notice required by provided by subsection (b), section norizontal well; and (3) A propose surface affected by oil and gas op	e surface owner whose land will this subsection shall include: (in ten of this article to a surface of d surface use and compensation cerations to the extent the damag- given to the surface owner at the	I be used for 1) A copy of owner whose agreement tes are comp	ration, an operator shall, by certified mail in the drilling of a horizontal well notice of of this code section; (2) The information is land will be used in conjunction with the it containing an offer of compensation for pensable under article six-b of this chapter, ted in the records of the sheriff at the time
	s listed in the records of the sheriff			
	inergy Corp ATTN: Mason Smith	Name:		
ame: Murray E				
		Address:		
ddress: 4622 St. Clairsville, OH	6 National Road 43950 eby given:	Address:	ndersigned w	vell operator has developed a planned
ddress: 4622 St. Clairsville, OH otice is her- ursuant to W peration on tate: ounty:	6 National Road 43950 eby given:	Address: notice is hereby given that the un rpose of drilling a horizontal wel	II on the trac Easting: Northing:	vell operator has developed a planned et of land as follows: 533,588.653 4,404,734.307 Grapevine Ridge Drive
ddress: 4622 St. Clairsville, OH otice is her- cursuant to W peration on cate: ounty: istrict:	eby given: /est Virginia Code § 22-6A-16(c), not the surface owner's land for the pure was Virginia Marshall	Address:	II on the trac Easting: Northing: ess:	533,588.653 4,404,734.307
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MOV 05 2019

WV Department of Environmental Protection

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Notice Time Date of Notic	Requirement: notice shall be pro	ovided no later than the filing Permit Application Filed:	date of permit	application.
Delivery met	hod pursuant to West Virginia	Code § 22-6A-16(c)	1	
CERTII	FIED MAIL	☐ HAND		
C. L. Carrier	RN RECEIPT REQUESTED	DELIVERY		
return receipt the planned of required to be drilling of a landages to the d) The notice of notice.	requested or hand delivery, give peration. The notice required by provided by subsection (b), sectionizantal well; and (3) A propose surface affected by oil and gas	the surface owner whose land by this subsection shall inclu- tion ten of this article to a surface use and compen- operations to the extent the dope given to the surface owner OWNER(s)	d will be used for de: (1) A copy ace owner whose sation agreement amages are com	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter, sted in the records of the sheriff at the time
at the addres Name: Ronnie E Address: 3780 Cameron, WW 260	s listed in the records of the sheri Evans Grapevine Ridge \ 233	Name: Addres	S:	
at the addres Name: Ronnie E Address: 3780 Cameron, WV 260 Notice is her Pursuant to W	s listed in the records of the sheri Evans Grapevine Ridge \ 233	Name: Addres), notice is hereby given that t	s:	well operator has developed a planned
at the addres Name: Ronnie E Address: 3780 Cameron, WV 260 Notice is her Pursuant to W operation on	s listed in the records of the sheri Evans Grapevine Ridge \ 233 28by given: Vest Virginia Code § 22-6A-16(c)	Name: Addres , notice is hereby given that to purpose of drilling a horizonta	s:	
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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

May 22, 2019

Byrd E. White, III Secretary of Transportation

> Jimmy Wriston, P. E. Deputy Secretary/ Acting Commissioner

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the Charles Jamison Pad, Marshall County
Charles Jamison MSH 206H Well site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2018-0459 issued to Southwestern Energy for access to the State Road for a well site located off of Ohio County Route 25/1 SLS.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018.

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Office of Oil and Gas

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www Deportment of Environmental Protection Very Truly Yours,

Gary K. Clayton, P.E.

Dan K. Clayton

Regional Maintenance Engineer Central Office O&G Coordinator

Cc: Brittany Woody Southwestern Energy CH, OM, D-6

File

Attachment VI Frac Additives

Product Name	Product Use		3			CAS Namb	
AI-303 (U.S. Well Services)	Mixture	Ethylene glycol				107-21 1	
		Cinnamaldehyde				104-55 2	
		Butyl cellosolve				111-76 2	
		Formic acid				64-18 6	
		Polyether				Proprietary	
		Acetophenone, thiourea, formaldehyde p	olymer			68527-49 1	
AP ONE (U.S. Well Services)	Breaker	Ammonium persulfate				7727-54-0	
Bactron K-139 (Champion Technologies)	Biocide	Glutaraldehyde				111-30-8	
		Quaternary Ammonium Compounds, Ber	zyl-C12-16-	Alkyldin	nethyl, Chlorides	68424-85-1	
		Ethanol				64-17-5	
Bactron K-219 (Champion Technologies)	Biocide	Methanol					
		Quaternary Ammonium Compounds, Ber	zyl-C12-16-	Alkyldin	nethyl, Chlorides	68424-85-1	
CarboNRT	Tracer	Ceramic Proppant				66402-68-4	
C6486A (Nalco Champion)	Scale Inhibitor	Amine Triphosphate				Proprietary	
	.21771111111111111111111111111111111111	Ethylene Glycol				107-21-1	
C6734A (Champion Technologies)	Biocide	Hydrogen Peroxide		_		7722-84-1	
CC0754A (Champion Technologies)	piocine						
		Acetic Acid Peroxyacetic Acid			_	64-19-7 79-21-0	
cono-CI200 (SWN Well Services)	Corrosion Inhibitor	Methanol				67-56-1	
		Oxyalkylated fatty acid				68951-67-7	
		Fatty acids				61790-12-3	
		Modified thiourea polymer				68527-49-1	
		Water				7732-18-5	
		Hydrochloric acid				7647-01-0	
		Potassium acetate				127-08-2	
		Formaldehyde				50-00-0	
Lega e regardado de la compansión de la							
copol-FEAC (SWN Well Services)	Iron Control	Acetic Acid				64-19-7	
		Citric Acid	-			77-92-9	
		Water				7732-18-5	
DP-S1176-15 (Halliburton)	Friction Reducer	Polyacylate				Proprietary	
		Hydrotreated light petroleum distillate				64742-47-8	
LOJET DR900 LPP (SWN Well Services)	Friction Reducer	Distillates (petroleum) hydrotreated light				64674-47-8	
ESSET DISSO ET (STITT FICE SOUTHERS)	Tricklet Heades	Ethylene Glycol				107-21-1	
		Alcohols, C12-16, Exoxylated propoxylate	d			68213-24-1	
		Fatty Alcohols ethoxylated				Proprietary	
		Water		_		7732-18-5	
FLOJET DRP 1130X (SWN Well Services)	Friction Reducer	Proprietary				Proprietary	
FR-76 (Halliburton)	Friction Reducer	Hydrotreated light petroleum distillate				64742-47-8	
		Inorganic Salt				Proprietary	
GYPTRON T-390 (Champion Technologies)	Scale Inhibitor	Methanol				67-56-1	
		Nonylphenol Ethoxylate				Proprietary	
HAI-150E (Halliburton)	Corrosion Inhibitor	No hazardous substance				N/A	
		Control and the Control of the Contr				7647-01-0	
HCL (SWN Well Services)	Hydrocholic Acid	Hydrochloric Acid					
		Water				7732-18-5	
P-65 MC (Halliburton)	Scale Inhibitor	Organic phosphonate				Proprietary	
		Ammonium Chloride				12125-02-9	
OPTI-FLEX (U.S. Well Services)	Viscosifying Agent	Distillates, petroleum, hydrotreated light				64742-47-8	
Plexslick 930	Friction Reducer	Copolymer of 2-propenamide				Proprietary	
TENJIGH JJU	Theodi (teduce)	Hydrotreated Distillate	-	100		64742-47-8	
		Sodium Chloride		-		7647-14-5	
			ш			68551-12-2	
		Alcohols, C12-16, Exoxylated	Environ	-	0	93-83-4	
		Oleic Acid Diethanolamide	Tron N	S	Office		
		Ammonium Chloride	3 6	=	0 7	12125-02-9	
Plexslick 953	Friction Reducer	Petroleum Distillate	Depart	0	of O	64742-47-8	
	William Control	Sodium Chloride	3 2	cin	Om	7647-14-5	
		Ammonium Chloride	77			12125-02-9	
		N,N-bis (2-hydroxyethyl) oleamide	0.7	201	VED	93-83-4	
Plexslick 957	Friction Reducer	Petroleum Distillate	80	0	0	64742-47-8	
LIEVOICE 321	(Nettor) neducet	Ammonium Chloride	ă 9	-	88	12125-02-9	
		Oleic Acid Diethanolamide	ign ign	-		93-83-4	
						68551-12-2	
		Alcohols, C12-16, Exoxylated					
		Water				7732-15-5	
WFRA-2000 (U.S. Well Services)	Anionic Friction Reducer	Hydrotreated light distillate (petroleum)				64742-47-8	
		Propenoic acid, polymer with propenami	de			9003-06 9	

JAMISON DRILL PAD DRILL PAD SITE PLAN SWN PRODUCTION COMPANY, LLC

LAT./LONG: N 39.793506° W -80.608194° (APPROXIMATE CENTER OF PROJECT)

LOCAL	EMERGENCY SERVICES	
	NAME	TELEPHONE NO.
AMBULANCE		911
HOSPITAL EMERGENCY ROOM	CHIC VALLEY MEDICAL CENTER	(904) 234,0123
FIRE DEPARTMENT		911
POLICE DEPARTMENT		911
POISON CONTROL CENTER	WEST VIAGINIA POISON CENTER	(800) 222-1222

FLOOD F	LAIN CONDITIONS	
DO SITE CONSTRUCTION ACTIVITY	ES TAKE PLACE IN FLOODPLAIN	NO
PERMIT NEEDED FROM COUNTY F	LOODPLAIN OGORDINATOR:	NO
HEC-RAS STUDY COMPLETED		NYA
FLOODPLAIN SHOWN ON DRAWIN	69:	16/4
FIRM MAP NUMBER(S) FOR SITE:	5409100300E	
ACREAGE DE CONSTRUCTION IN I	COORLAIN- ISBOAC	

PROJECT OWNER/APPLICANT

SOUTHWESTERN ENERGY COMPANY SOUTHWESTERN ENERGY CO 10000 ENERGY DRIVE SPRING, TX 773894954 PH: (281) 618-2723 CONTACT: STEVE VAN HOOK

CIVIL ENGINEER

WEST VIRGINA STATE LAW
REQUIRES THAT YOU CALL
TWO BUSINESS DAYS
BEFORE YOU DIG!
STATE OF NEST VIRGINAL
TIS THE LAW

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. 800 MARKETPLACE AVENUE SUITE 200 BRIGGEPORT, WY 26330 PH: (304) 933-2119 CONTACT KISEPHIT ROBINSON P.E.

WYDOH

DISTRICT SIX DISTRICT SIX PH: (304) 843-4000 CONTACT: DISTRICT ENGINEER GUS SUWAID

SPILL HOTLINE

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (WYDEP) PH: (800) 642-3074

PENNSYLVANIA

PHY (800) 424-6902

LOCATION MAP CAMERON USGS 7.5' QUAD

SCALE IN FEET

o 1000
1 INCH = 1000 FEET





VICINITY MAP MARSHALL COUNTY ROAD MAP SCALE IN FEET 0 I HILES 1 INCH - I MILE



WELL RESTRICTIONS CHECKLIST (HORIZONTAL 6A WELL)	
AT LEAST 100 FEET FROM PAD AND LOD ENCLUTING ANY EST CONTROL FEATURED TO ANY PERENMAL STREAM, LAKE, POND, RESERVOIR OR WETLAND:	YES
AT LEAST 15XI FEET FROM PAD AND LOD (INCLUDING ANY EAS CONTADIL FEATURE) TO ANY NATURALLY PRODUCING TROUT BIREAM.	YES
AT LEAST 1000 FROM PAIT AND LOD (INCLUDING ANY EAS CONTROL FEATURE) TO ANY OROLLOWATER INTAKE OR PUBLIC WATER SUPPLY:	YES
AT LEART 450 FEET FROM AN EXISTING WATER WELL OR DEVELOPED SPINING TO WELL BEING DIRECT:	YES
AT LEAST 625 FEBT FROM AN OCCUPIED SWELLING BYRUCTURE TO CENTER OF MACE	YES

AT LEAST 625 FEET PHOM AGRICULTURAL BUILDINGS LARGER THAN 2500 SQUARE FEET TO THE CENTER OF THE FAD:

LO.D. AREA DESCRIPTION MAIN ACCESS ROAD

STAGING AREA PRODUCTION PAD DRILL PAD TOPSOIL/STRIPPING SPOIL PILE 1

- SHEET INDEX
 1. COVER SHEET
 2. GENERAL NOTES
 3. MASTER LEGEND
 4. MATERIAL QUANTITIES
- 4. MATERIAL COUNTINES
 5. SITE SAFETY PLAN
 0. SITE SAFETY PLAN
 1. EXESTING COORDITIONS
 18. ISOPACH
 10. EROSION A SEDIMENT CONTROL PLAN
 10. EROSION A SEDIMENT CONTROL PLAN
 11. SITE PLAN
 12. SITE PLAN
 14. SITE PLAN
 14. SITE PLAN
 15. PROFILES AND SECTIONS

16. PROFILES AND SECTIONS 17. PROFILES AND SECTIONS 18. PROFILES AND SECTIONS 18. PROFILES AND SECTIONS 20. PROFILES AND SECTIONS

21. PROFILES AND SECTIONS

- 22. DETAILS
 23. DETAILS
 24. DETAILS
 25. DETAILS
 26. DETAILS
 27. RECLAMATION PLAN
 28. RECLAMATION PLAN

	OCATION CO	OORDINATES		-
CITE LOCATIONS	WV83-NF()	HORTH ZONE)	UTM83-17	
SITE LOCATIONS	LATITUDE	LONGITUDE	NORTHING	EASTING
MAIN ACCESS ROAD ENTRANCE	39.765520	-80.609105	4405137.4297	533526.975
CENTROID OF WELL PAD	39,791942	-80.607584	4404738.8197	533598.033
CENTER OF PRODUCTION PAD	39.792781	-80,608056	4404836.7935	533557.163

WET	LAND IMAPA	TS (SF/AC)	
WETLAND IMPACT AND CAUSE	AREA (SF/AC)	CONSTRUCTION DISTURBANCE DISCRIPTION
WETLAND B	535.00	0.012	TOPSOIL/STRIPPING PILE
TOTAL:	535.00	0.012	

GRADING VO	LUMES		7
DESCRIPTION	CUT (CY)	FILL (CY)	NET (CY)
MAIN ACCESS ROAD	1,485	29,760	-28,274
COUNTY ROAD EAPROVEMENT	5,284	9,715	-4,431
DRILL PAD	73.157	20.876	52,281
PRODUCTION PAD	3,239	20,876	-17,637
STAGING PAD	501	2,111	-1,310
SPOIL-1	0	620	-629
TOTAL	83,967	83,967	0
TOPSON / STRIPPING (20% SWELL - 15,462 C.Y.)		12,885 C.Y	
TOTAL EXCAVATION	90,852	98,852	0

LIM			Y, WEST VERGINI	MISON WELL PAD	
OWNER	TIM-PARCEL	DEED-PAGE	TOTALACRES	TYPE OF DISTURBANCE	ACERAGE
IAMISON CHARLES & JEAN	7-6	660-113	97.20	MAIN ACCESS ROAD	4.54
				STAGING AREA	0.85
				PRODUCTION PAD	2,91
			-7	DRILLPAD	5.54
				TOPSON/STRIPPING PILE 1	2.27
				SPOIL PILE 1	0,30
				PARCEL TOTAL	16,21
ZWICK GAIL - LIFE	7-12	652-150	27.00	DRILL PAD	0.33
411000000000000000000000000000000000000	1		1	PARCEL TOTAL	0.33
	-	-	-	10701	16.54

ACRES	
9,34	1
0.85	7700
2.91	1 1 2 6 4
5.87	8 2 2 2 2 2 2 2 2 2
2.27	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0.30	1 2 5 0 0 a 2 3
16.59	2 5 6 2 2 9 0 0
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	WELL	HEAD	LAYO



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COVER SHEET

Civil

SWN PRODUCTION COMPANY, LLC JAMISON DRILL PAD LIBERTY DISTRICT MARSHALL CO, WEST VIRGINIA

0

PLAN REPRODUCTION WARNING THE PLANS HAVE BEEN CREATED ON ANSI D (22" X 34") SHEETS, FOR

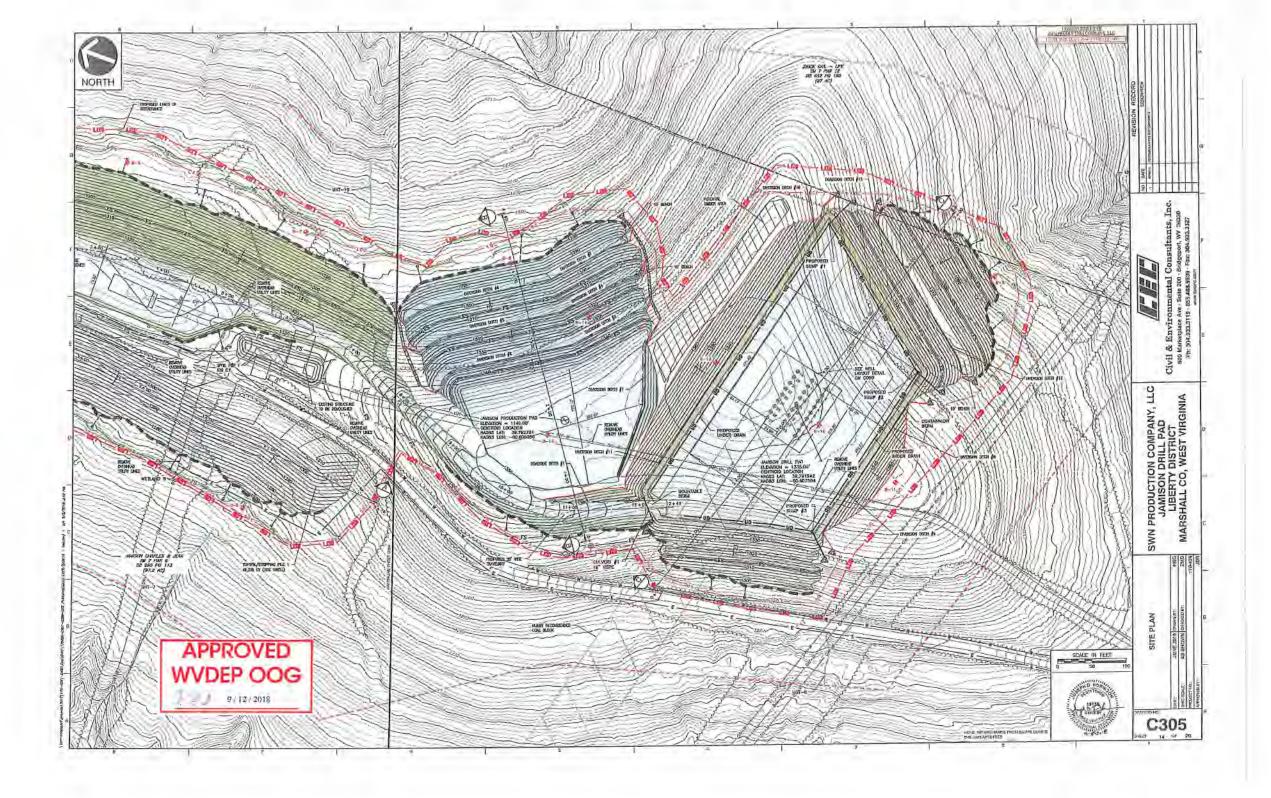
APPROVED

WVDEP OOG

9/12/2018

THE PLANS HAVE BEEM CREATED FOR FULL COLOR FLOTTING. ANY SET OF THE PLANS THAT IS NOT PLOTTED IN FULL COLOR SHALL NOT BE CONSIDERED ADECUATE FOR CONSTRUCTION PURPOSES.

Eastern



JAMISON DRILL PAD DRILL PAD SITE PLAN SWN PRODUCTION COMPANY, LLC

LAT./LONG: N 39.793506° W -80.608194° (APPROXIMATE CENTER OF PROJECT)

LOCAL	EMERGENCY SERVICES	
	NAME	TELEPHONE NO
AMBULANCE		911
HOSPITAL EMERGENCY ROOM	GRED VALLEY MEDICAL CENTER	[204] 234-0123
FIRE DEPARTMENT		911
POLICE DEPARTMENT		911
POISON COLITROL CENTER	WEST VERGINGA POISON CENTER	(000) 222-1222

FLOOD F	PLAIN CONDITIONS	
DO SITE CONSTRUCTION ACTIVITY	ES TAKE PLACE IN PLOUDPLANT:	110
PERMIT NEEDED FROM COUNTY F	LOCOFLAIN COORDINATOR:	110
HEC-RAS STUDY COMPLETED:		14/A
FLOCOPLANI SHOWN ON DRAWN	GS:	N/A
FIRM MAP NUMBER(S) FOR SITE:	54051C0200E	
ACREAGE OF CONSTRUCTION IN	FLOODPLAIN: O CO AC	

PROJECT OVINER/APPLICATE

SOUTHWESTERN ENERGY COMPANY 19000 ENERGY DRIVE SPRING, TX 7138-454 PH: (20) 518-2723 CONTACT: STEVE VAN HOOK

CIVIL ENGINEER

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. 600 MARKETPLACE AVENUE SUITE 200

WYDOH

DISTRICT SIX PH: (304) 845-4000 CONTACT: DISTRICT ENGINEER

SPALL HOTLINE

WEST VIRGINIA DEPARTMENT OF HONMENTAL PROTECTION (WYDEP)

HATIONAL RESPONSE CENTER PH: (800) 424-8102

PENNSYLVANIA

PROJECT MARYLAN









VI	CINITY M	AP
MARSHA	LL COUNTY R	
parent.	SCALE IN FEE	
D	1 MLES 1 MICH = 1 MILE	2 WIES

WELL RESTRICTIONS CHECKLIST (HORIZONTAL BA WELL)	
AT LEAST 100 FEET PROM FAD AND LOD BROLLIDING WIT EAS CONTROL FEATURES TO ANY PERENNAL SITEAM, LAKE, POWD, RESERVOR OR WEILAND:	YES
AT LEAST DO FEET FROM PAD AND LOD (INCLUDING MY EAS CONTROL FEATURIC) TO MY HATURALLY PRODUCING TROUT STREAM.	YES
AT LEAST 1000 FROM I'VE AND LOD (INCLUDING MY EAS CONTROL FEATURE) TO ANY DROLLNOWATER BYTAKE OR PUBLIC WATER SUPPLY:	YES
AT LEAST 25) FEET FROM AN EXISTING WATER WELL ON DEVELOPED EPAINS TO WELL BILING DRILLED.	YES
AT LEAST 625 FEET FROM AN OCCUPIED DWELLING STRUCTURE TO SENTER OF PAD.	YES
AT LEAST RIS FEET FROM AGRICULTURAL BUILDINGS LARGER THAN 2800 SOCIARS FEET TO THE CENTER OF THE PART.	YES

SHEET INDEX
1. COVERS SHEET
2. MATER LEGELD
3. CEPTENA, NOTES
5. DUSTING CONDITIONS
6. ISOPACH
7. EROSION & SERDLENT CONTROL PLAN
9. EROSION & SERDLENT CONT

BROSION & SEGMENT CO.
 SITE PLAN
 SITE PLAN
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19. PROFILES AND SECTION DETAILS
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LOCATION COORDINATES WVB3-NF (NORTH ZONE) UTM83-17 SITE LOCATIONS MORTHING FASTING 4405137.4297 533526.9756 MAIN ACCESS ROAD ENTRANCE 39,765520 -80.609105 -80.607584 4404738.8197 533598.0321 CENTROID OF WELL PAD 39.791942 -80.608056 4404936.7935 533557.1633 CENTER OF PRODUCTION PAD 39.792781

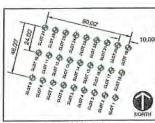
WET	LAND IMAFA	CIS (SF/AC)	
WETLAND IMPACT AND CAUSE	AREA (SF/AC)	CONSTRUCTION DISTURBANCE DISCRIPTION
WETLAND B	535.00	0.012	TOPSOIL/STRIPPING PILE
TOTAL:	535.00	0.012	

GRADING VOI	LUMES	-4(4)	
DESCRIPTION	CITA (CA)	FILL (CY)	NET (CY)
MANY ACCESS ROAD	1,460	29,760	-26,274
COULTY ROAD IMPROVEMENT	5,204	9,715	-4,431
DRILL PAD	73,157	20,575	52,251
PRODUCTION PAD	3,230	20,878	-17,637
STAGING PAD	201	2,111	-1,310
SPOIL-1	0	629	-929
TOTAL	\$3,957	190,68	- 0
TOPSOIL / STRIPPING (20% SWELL - 15,462 C.Y.)		12,885 C.Y	
TOTAL EXCAVATION	95,252	95,652	0

177	MAI	MARSHALL COUNTY, WEST VIRGINIA			
OWNER	IM-PARCEL	DIED-PAGE	TOTALACRES	TYPE OF DISTURBANCE	ACERAGE
JAMISON CHARLES & JEAN	7-6	660-113	97.20	MAYI ACCESS ROAD	4.34
	-			STAGING AREA	0.85
				PRODUCTION PAD	2.91
				DEILL PAD	5.51
				TOPSOIL/STRIPPING PILE 1	2.27
			11	SPOIL PILE 1	0.30
			15-5-6	PARCIL TOTAL	16.21
ZWICK GAIL - LIFE	7-12	652-150	27.00	DBILL PAD	0.33
	-			PARCEL TOTAL	0,53
		-		TOTAL	16.54

LO.D. ARE	AS
DESCRIPTION	ACRES
MAIN ACCESS ROAD	4.34
STAGOIG AREA	0.95
PRODUCTION PAD	2.91
DAILL PAD	5.57
TOPSOR/STRIPPING PILE 1	2.27
SPOIL FILE 1	0.30
TOTAL	16.54
WOODIO	6.95

WELL HEAD LAYOUT





COVER SHEET

Civil & Envir

SWN PRODUCTION COMPANY, LLC JAMISON DRILL PAD LIBERTY DISTRICT MARSHALL CO, WEST VIRGINIA

WEST VIRGINA STATE LAW
REQUIRES THAT YOU CALL
TYO BUSINESS DAYS
BEFORE YOU DIG IN THE
STATE OF WEST VIRGINA
IT'S THE LAW

PLAN REPRODUCTION WARNING THE PLANS HAVE BEEN CREATED ON AUSI DIGY X \$47 SHEETS, FOR REDUCTIONS, REFER TO GRAPPIC SCALE.

Eastern Panhandle