



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Friday, January 21, 2022
WELL WORK PERMIT
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC
POST OFFICE BOX 12359
SPRING, TX 773914954

Re: Permit approval for CHARLES JAMISON MSH 410H
47-051-02425-00-00

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 410
Farm Name: CHARLES AND JEAN JAMISON
U.S. WELL NUMBER: 47-051-02425-00-00
Horizontal 6A New Drill
Date Issued: 1/21/2022

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.

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.

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

1) Well Operator: SWN Production Co., LLC 494512924 051-Marshall 7-Liberty 278-Cameron
Operator ID County District Quadrangle

2) Operator's Well Number: Charles Jamison MSH 410H Well Pad Name: Charles Jamison MSH

3) Farm Name/Surface Owner: Charles & Jean Jamison Public Road Access: Grapevine Ridge Road

4) Elevation, current ground: 1335' Elevation, proposed post-construction: 1335'

5) Well Type (a) Gas Oil Underground Storage
Other _____
(b) If Gas Shallow Deep
Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Target Formation- Marcellus, Down-Dip well to the South, Target Top TVD- 7383', Target Base TVD- 7431', Anticipated Thickness- 47', Associated Pressure- 4841'

8) Proposed Total Vertical Depth: 7415'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 27386'

11) Proposed Horizontal Leg Length: 18928.49'

12) Approximate Fresh Water Strata Depths: 322'

13) Method to Determine Fresh Water Depths: Salinity Calculations from Charles Jamison MSH 206H logs (API 47-051-02295)

14) Approximate Saltwater Depths: 1121' Salinity Profile

15) Approximate Coal Seam Depths: 1119'

16) Approximate Depth to Possible Void (coal mine, karst, other): None that we are aware of RECEIVED
Office of Oil and Gas

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No
DEC 13 2021
WV Department of Environmental Protection

(a) If Yes, provide Mine Info: Name: McElroy Mine/Marshall County Mine
Depth: 1060'
Seam: Pittsburgh
Owner: Murray Energy Corporation

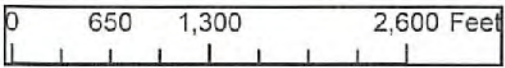
B.S. 10-20-21

Charles Jamison MSH Pad Coal Map



Legend

- Jamison Well Pad
- Underground Mining



WW-6B
(04/15)

4705102425
API NO. 47-051 -
OPERATOR WELL NO. Charles Jamison MSH-410H
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	J-55	94#	126'	126'	CTS
Fresh Water	13 3/8"	New	H-40	48#	390'	390'	426 sx/CTS
Coal	See	Interm	Casing				
Intermediate	9 5/8"	New	J-55	36#	0'	2600'	1472 sx/CTS
Intermediate	9 5/8"	New	J/K-55	40#	2600'	2770'	
Production	6	New	P-110	24.5#	0'	4900'	
Production	5 1/2"	New	P-110 HP	20#	4900'	27386'	Tri 5192 sx/ 190' Inside Intermediate

B.S. 10-20-21

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	1.20/30% Excess
Fresh Water	13 3/8"	17.5"	0.380	2730	633	Class A	1.20/30% Excess
Coal	See	Interm	Casing				
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/5% Excess
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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 a slurry of water, sand, and chemical additives at a high rate. This will be performed in stages with the plug and perf method along the wellbore until the entire lateral has been stimulated within the target formation. All stage plugs are then drilled out and the well is flowed back to surface. In some instances, additional toe prep may be performed by pumping additional water in the toe of the well prior to perforating and pumping Stage 1 to ensure that the toe guns/toe sleeves are fully open prior to pumping stage 1. The well is produced through surface facilities consisting of high pressure production units, horizontal separation units, water and oil storage tanks. Max press and anticipated max rate- 9000 lbs @ 100 barrels a 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): 12.20

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.

*Note: Attach additional sheets as needed.

Southwestern Energy Company

Proposed Drilling Program

Well: CHARLES JAMISON MSH 410
 Field: NORTH VICTORY FIELD WET
 County: MARSHALL
 SHL: 39.7919 Latitude -80.6075 Longitude
 BHL: 39.7552 Latitude -80.5667 Longitude
 KB Elev: 1,361 ft MSL

Re-entry Rig: TBD
 Prospect: Marcellus Shale
 State: WV
 KB: 26 ft AGL
 GL Elev: 1,335 ft MSL



No COAL VOID Anticipated

Gas Storage Interval : 1,947' - 2,437' (Maxton, Big Injun)

PROD TOC Lead @ 2,970' MD

PROD TOC Tail @ 6,820' MD

TUBULAR DETAIL

Casing String	Casing Size (in)	Weight (Min)	Grade (Min)	Planned Interval	
				From	To
Conductor	20	94.0 #	J-55	0'	126'
Surface	13.375	48.0 #	H-40	0'	390'
Intm/Coal	9.625	36.0 #	J-55	0'	2,600'
Intermediate	9.625	40.0 #	J/K-55	2,600'	2,770'
Production	6	24.5 #	P-110	0'	4,900'
Production	5.5	20.0 #	P-110 HP	4,900'	27,386'

CEMENT DETAIL

	Sacks	Class	Density
Conductor:	151	A	19.3
Surface:	426	A	15.6
Intermediate:	1472	A	15.6-16
Production:	5192	A	15.0-15.6

126' to 410'
Air/Mist

410' to 2,790'
Air/Mist

10.5# Brine Mud

2,790' to 6,920'
Air/Mist

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Environmental Protection

Air
TD at 6,920'

6,920' to 8,452'
12.0-12.5 ppg

KOP at 6,920' MD

Freshwater Depth - 322' TVD

Coal Depth - 1,119' TVD

Saltwater Depth - 1,121' TVD

TVD - 7,415'

TMD - 27,386'

B.S 10-20-21

TD at 27,386' MD

7,415' TVD

7,161' Target Center

EOB at 8,452' MD

SHL Onondaga 7,177' TVD

Onondaga 7,431' TVD

8,452' to 27,386'
12.5-13.2 ppg

Created by: Matt Weems on 10/19/2021

01/21/2022

Area of Review

API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
4705101122	CNX Gas Company, LLC	Completed	39.782901	-80.593285	1110	Pennsylvanian System	Pittsburgh Coal
4705101123	CNX Gas Company, LLC	Completed	39.783191	-80.595352	837	Pennsylvanian System	N/A
4705100369	Manufacturers Light & Heat Company	Plugged	39.778116	-80.595539	N/A	N/A	N/A
4705100391	Manufacturers Light & Heat Company	Plugged	39.783192	-80.580748	2200	Big Injun	Big Injun
4705100374	Manufacturers Light & Heat Company	Plugged	39.782611	-80.583512	2999	Big Injun	Big Injun
051-30410	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30402	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100157	Manufacturers Light & Heat Company	Completed	39.775651	-80.588398	3009	Big Injun	Big Injun
4705100781	Consolidated Coal Company	Plugged	39.777681	-80.584639	2364	Big Injun	Big Injun
4705100042	Patterson, G. & A.	Completed	39.780726	-80.580183	3014	Fifth	Fifth
051-30456	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100043	Patterson, G. & A.	Completed	39.778696	-80.577926	3141	N/A	Fifth
051-30280	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100148	Manufacturers Light & Heat Company	Plugged	39.772751	-80.590653	2200	Big Injun	Big Injun
4705100145	Manufacturers Light & Heat Company	Plugged	39.768691	-80.837	3120	Upper Devonian	Upper Devonian
4705100355	Manufacturers Light & Heat Company	Plugged	39.765791	-80.583136	2320	Big Injun	Big Injun
4705101103	CNX Gas Company, LLC	Completed	39.761934	-80.577619	683	Pennsylvanian System	Pittsburgh Coal
4705101102	CNX Gas Company, LLC	Completed	39.761934	-80.577619	990	Pennsylvanian System	Pittsburgh Coal
4705100360	Manufacturers Light & Heat Company	Plugged	39.761441	-80.583512	1650	Big Injun	Big Injun
4705100356	Manufacturers Light & Heat Company	Plugged	39.758976	-80.579232	2806	Big Injun	Big Injun
4705100138	Manufacturers Light & Heat Company	Plugged	39.761296	-80.576227	2917	Upper Devonian	Upper Devonian
4705100083	Manufacturers Light & Heat Company	Plugged	39.763036	-80.567585	3238	Upper Devonian	Upper Devonian
051-70418	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70222	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30075	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100353	Manufacturers Light & Heat Company	Completed	39.757526	-80.572092	2000	Big Injun	Big Injun
051-30464	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70221	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30462	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30344	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70416	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70412	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70414	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70415	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70224	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30193	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30463	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70413	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70123	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30291	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-30290	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70407	N/A	N/A	N/A	N/A	N/A	N/A	N/A
051-70411	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4705100065	Patterson, G. & A.	Plugged	39.750421	-80.560254	2227	Big Injun	Big Injun
4705101120	CNX Gas Company, LLC	Completed	39.749936	-80.562884	1500	Pittsburgh Frn	Pittsburgh Coal
4705101121	CNX Gas Company, LLC	Completed	39.749066	-80.563447	1500	Pittsburgh Coal	Pittsburgh Coal
4705100433	Hope Natural Gas Company	Plugged	39.748631	-80.56232	1442	Pennsylvanian System	Mahoning
4705100074	Patterson, G. & A.	Plugged	39.747906	-80.565137	3325	Upper Devonian	Upper Devonian
4705100713	Haddad & Brooks, Inc.	Cancelled	39.744571	-80.561567	N/A	N/A	N/A

WW-9
(4/16)

API Number 47 - 051 - _____
Operator's Well No. Charles Jamison MSH410H

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 complete the proposed well work? Yes No

Will a pit be used? 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 Number Various Approved Facilities)
- Reuse (at API Number At the next anticipated well)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain recovery and solidification on site)

Will closed loop system be used? If so, describe: Yes- See Attachment 3A

Drilling medium anticipated for this well (vertical and horizontal)? 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. Synthetic 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- 1032, Short Creek SWF-1034, Carbon Limestone MSWL018781, Wetzel County 1021

Apex Sanitary Landfill UB-08438, Brooke Co SWF-1013,
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto 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 or imprisonment.

Company Official Signature *Brittany Woody*
Company Official (Typed Name) Brittany Woody
Company Official Title Senior Regulatory Analyst

Subscribed and sworn before me this 19th day of October, 2021
Elizabeth A Day
My commission expires May 6 2023



SWN Production Co., LLC

Proposed Revegetation Treatment: Acres Disturbed 16.54 Prevegetation pH _____

Lime as determined by pH test min. 2 Tons/acre or to correct to pH 12.20

Fertilizer type 10-20-20

Fertilizer amount 600/500 lbs/acre

Mulch Hay/Straw Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Attachment 3C

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Barry Skelley

Comments: _____

Title: Oil & Gas Inspector Date: 10-20-21

Field Reviewed? () Yes () No

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 Separator (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, SOB M)

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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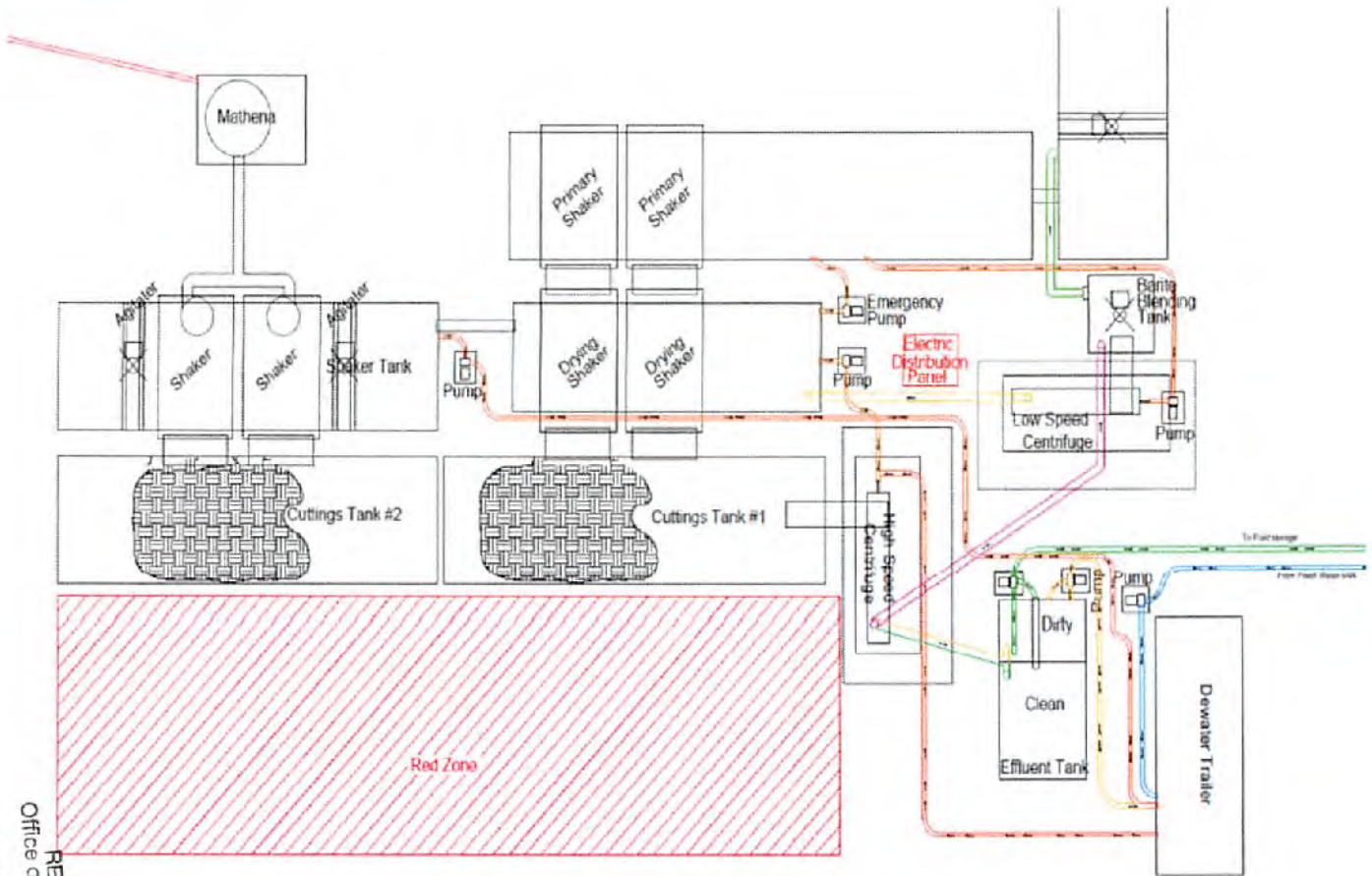
WV Dept. of
Environmental Protection

01/21/2022

Solids Control Layout



EXAMPLE SCHEMATIC FOR CLOSED LOOP SOLIDS CONTROL SYSTEM



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 Gas
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Attachment 3B

Drilling Mediums

Surface/Coal(if present)/Freshwater Intervals:

Air

Freshwater (if needed based on conditions)

Intermediate/Coal (if present):

Air

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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WVD Seeding Specification

$\frac{R^2}{A} \rightarrow V^+$

To Order Seed contact Lyndsi 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	
Seed Mixture: ROW Mix	SWN Supplied
Orchardgrass	40%
Timothy	15%
Annual Ryegrass	15%
Brown Top Millet	5%
Red Top	5%
Medium Red Clover	5%
White Clover	5%
Birdsfoot Trefoil	5%
Rough Bluegrass	5%
All legumes are inoculated at 5x normal rate	
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 April 16th- Oct. 14th	Apply @ 200lbs per acre Oct. 15th- April 15th
Organic Fertilizer @ 200lbs per Acre	Pelletized Lime @ 2 Tons per Acre

RECEIVED
Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

WETLANDS (delineated as jurisdictional wetlands)	
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 April 16th- Oct. 14th	Apply @ 50lbs per acre Oct. 15th- April 15th
NO FERTILIZER OR LIME INSIDE WETLAND LIMITS	

MARCELLUS WELL DRILLING PROCEDURES AND WELL SITE SAFETY PLAN



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

API NO. 47-XXX-XXXXX
WELL NAME: Charles Jamison MSH 410H
Cameron QUAD
Liberty DISTRICT
MARSHALL COUNTY, WEST VIRGINIA

Submitted by:

B.S. 10-20-21

Name: Brittany Woody

Date: 10/6/2021

Brittany Woody

Title: Senior Regulatory Analyst

SWN Production Co., LLC

Approved by:

Name: _____

Date: _____

Title: _____

Approved by:

Name: _____

Date: _____

Title: _____

RECEIVED
Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT



NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊛ EXISTING / PRODUCING WELLHEAD
- LPL* LANDING POINT LOCATION
- 🌊 FLOOD PLAN
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- - - LEASE BOUNDARY
- PROPOSED PATH

01/21/2022

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CHARLES JAMISON MSH	WELL # 410H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201, MORGANTOWN, WV 26508	COUNTY - CODE MARSHALL - 051	DISTRICT; LIBERTY DISTRICT	
SURFACE OWNER: CHARLES AND JEAN JAMISON	USGS 7 1/2 QUADRANGLE MAP NAME CAMERON, WV		

Latitude: 39°50'00"

SURFACE HOLE 6,791'

BOTTOM HOLE 7,043'

Latitude: 39°47'30"



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-633-3119

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

PROPOSED SURFACE HOLE

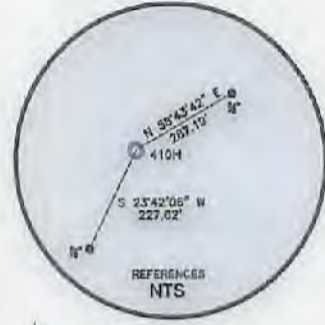


Table with 4 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT LOCATION (LHL), TURNING POINT LOCATION (TPL), BOTTOM HOLE LOCATION (BHL). Each row lists UTM (NAD83, ZONE 17, METERS) with Northing and Easting coordinates.

WELL RESTRICTIONS

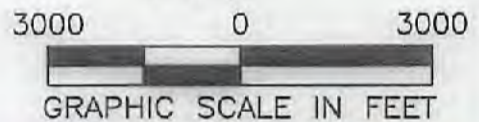
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 625 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 600 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

- 1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 991



COMPANY: SWN Production Company, LLC
CHARLES JAMISON MSH
OPERATOR'S WELL #: 410H

State of West Virginia logo
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

API WELL #: 47 051 02425
STATE COUNTY PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [x] DEEP [] GAS [x] LIQUID INJECTION [] STORAGE [] SHALLOW [x]
WATERSHED: MAGGOTY RUN
DISTRICT: LIBERTY DISTRICT COUNTY: MARSHALL
SURFACE OWNER: CHARLES AND JEAN JAMISON
OIL & GAS ROYALTY OWNER: CHARLES AND JEAN JAMISON
DRILL [x] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [x] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION []
CONVERT [] PLUG & ABANDON [] CLEAN OUT & REPLUG [] OTHER CHANGE [] (SPECIFY)
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,415 TYD 27,385.79 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

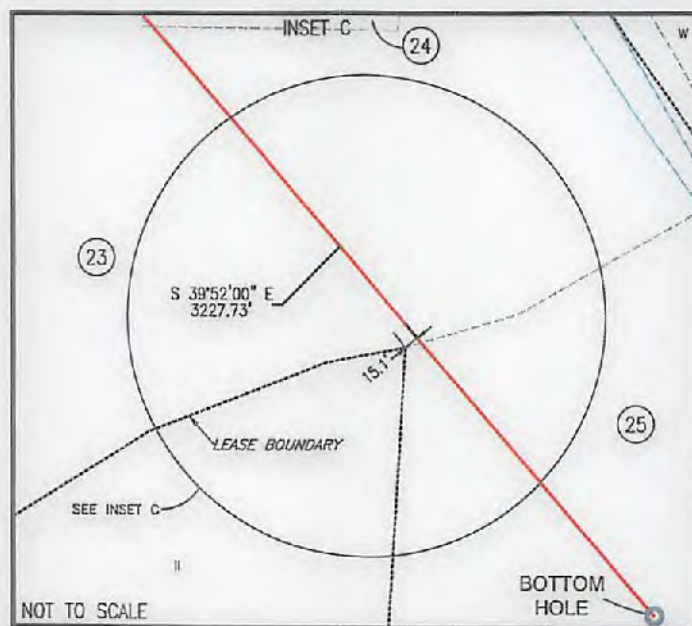
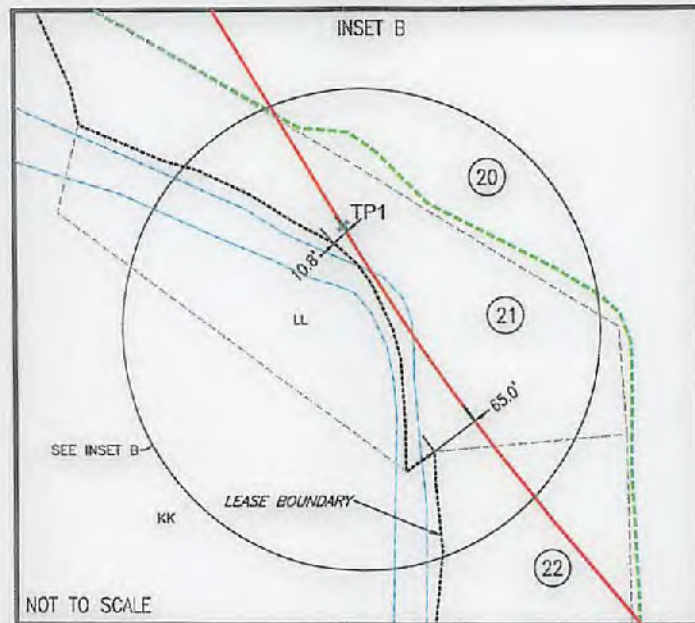
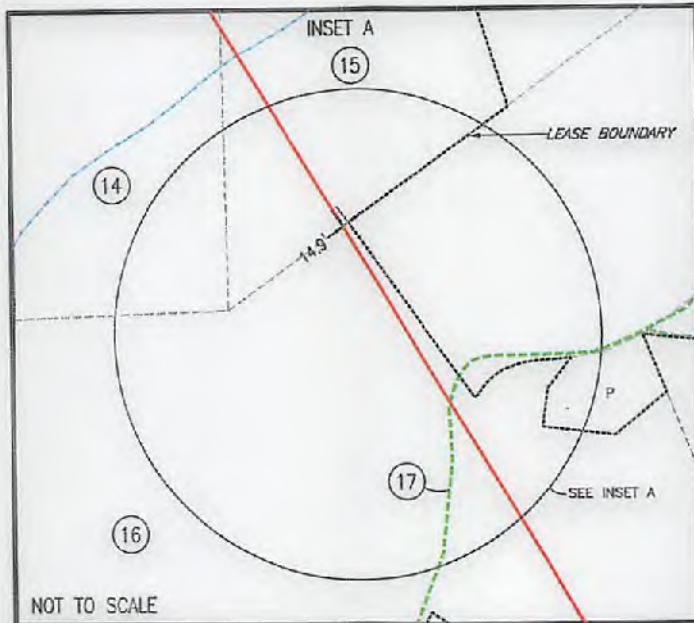
LEGEND: PROPOSED SURFACE HOLE / BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, LPL: LANDING POINT LOCATION, EXISTING WATER WELL, EXISTING SPRING, SURVEYED BOUNDARY, DRILLING UNIT, LEASE BOUNDARY, PROPOSED PATH
REVISIONS: DATE: 10-28-2021
DRAWN BY: K.E.S.
SCALE: 1" = 3000'
DRAWING NO: 170-426
WELL LOCATION PLAT

Longitude: 80°32'30"
Longitude: 80°35'00"



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT



Dennis E. Miller

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CHARLES JAMISON MSH	WELL # 410H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201, MORGANTOWN, WV 26508	COUNTY - CODE MARSHALL - 051 - 02425	DISTRICT; LIBERTY DISTRICT	
SURFACE OWNER: CHARLES AND JEAN JAMISON	USGS 7 1/2 QUADRANGLE MAP NAME CAMERON, WV		



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

WELL BORE TABLE FOR SURFACE OWNERS

TRACT	SURFACE OWNER	TAX PARCEL
1	CHARLES AND JEAN JAMISON	07-007-0006
2	KENNETH WAYNE STEELE REVOCABLE LIVING TRUST AGREEMENT	07-007-0011
3	ANTHONY M. SKRYPEK	07-007-0010
4	GAIL L. ZWICK - LIFE	07-006-0008
5	CNX LAND, LLC	07-006-0010
6	CO. RT. 23 ROW (CAMERON RIDGE ROAD)	
7	GAIL L. ZWICK - LIFE	07-006-0012.1
8	CNX LAND, LLC	07-006-0012
9	ROBIN E. AND DONALD QUIGLEY	07-010-0020
10	ROBIN E. AND DONALD QUIGLEY	07-011-0001
11	CNX LAND, LLC	07-011-0002
12	CNX LAND, LLC	07-011-0003
13	FISH RIDGE ROAD ROW	
14	SCOTT C. MARLING AND JESSICA L. PARRY	07-011-0004
15	ELLEN MARIE QUIGLEY	07-011-0005
16	ELLEN MARIE QUIGLEY	07-016-0036
17	CO. RT. 96 ROW	
18	HINKLE FAMILY TRUST	07-015-0001
19	HINKLE FAMILY TRUST	07-015-0019
20	DAVID W. JR. AND MELANIE A. HUMMEL	07-015-0017
21	WILLIAM H. AND GAIL K. PORTER	07-015-0017.2
22	WILLIAM H. AND GAIL K. PORTER	07-015-0017.1
23	MOUNTAIN VIEW REALTY LLC	07-020-0025
24	MOUNTAIN VIEW REALTY LLC	07-015-0014
25	AMMON A. BURLEY, ET UX	07-020-0026

ADJOINING OWNERS TABLE

TRACT	SURFACE OWNER	TAX PARCEL
A	MARSHALL COUNTY COAL RESOURCES INC.	07-007-0007
B	KENNETH WAYNE STEELE REVOCABLE LIVING TRUST AGREEMENT	07-007-0008.1
C	JEAN JAMISON	07-007-0009.1
D	ANTHONY M. SKRYPEK	07-006-0002
E	ANTHONY M. SKRYPEK	07-006-0005
F	ANTHONY M. SKRYPEK	07-006-0004
G	CNX LAND, LLC	07-006-0006
H	GAIL L. ZWICK - LIFE	07-006-0007
I	CNX LAND, LLC	07-006-0009
J	MARVIN AND SHIRLEY BYARD	07-006-0013
K	MARVIN AND SHIRLEY BYARD	07-006-0014
L	CNX LAND, LLC	07-011-0008
M	DOUGLAS AND DEANA MCCOMBS	07-011-0007
N	AMANDA MARIE LINDSEY, ANDREW DAVID MCCURDY AND TIMOTHY S. MCCURDY	07-011-0006
O	ELLEN MARIE QUIGLEY AND DIANA MATHEWS	07-011-0017
P	ANDREW MCCURDY, ET UX	07-016-0036.2
Q	ANDREW DAVID MCCURDY	07-011-0017.1
R	ELLEN MARIE QUIGLEY	07-016-0036.1
S	DONALD MACK QUIGLEY, ET UX	07-011-0018
T	DOUGLAS R. AND REBECCA J. MCCOMBS	07-011-0019
U	DAVID W. HUMMEL JR. AND MELANIE A. HUMMEL	07-015-0001.1
V	DAVID W. HUMMEL JR. AND MELANIE A. HUMMEL	07-015-0002
W	CODY MILLER	07-015-0012
X	TREVOR L. NEELY	07-015-0012.1
Y	MOUNTAIN VIEW REALTY, LLC.	07-015-0015
Z	MOUNTAIN VIEW REALTY, LLC.	07-015-0016
AA	JANEEN L. CZOLBA	07-015-0014.1
BB	BEAU V. MARTIN AND AMELIA D. YOUNG	07-015-0015.1
CC	VICTOR J. SEIFERT, ET UX - DARRELL H. II AND VICKI A. MCNEELY	07-020-0027
DD	SEAN D. AND DEBBIE L. HALL	07-020-0028
EE	RICARDO S. GREGG, ET UX	07-020-0032
FF	MONTANA SKY LLC	07-020-0032.1
GG	DENNIS DEAN HALL, ET UX	07-020-0035
HH	AMMON A. BURLEY	07-020-0037
II	AMMON A. BURLEY	07-020-0024
JJ	WILLIAM H. AND GAIL K. PORTER	07-015-0017.3
KK	CYNTHIA ANTILL, JOANNE M. HATZELL, CLAUDE R. STEPHENS, JR. AND EDWARD K. STEPHENS	07-020-0023
LL	HAROLD LEROY DOTY JR.	07-015-0018
MM	DANIEL W. DEVER, DAVID S. DEVER, GREGORY T. DEVER, JOHN A. DEVER, LAWRENCE A. DEVER AND DEBORAH KAY KINCAID	07-020-0022
NN	FRANCES IRENE ALLEN, ET AL	07-020-0021
OO	JOHN E. RIGGS, ET UX	07-016-0044
PP	BARBARA R. ARDENO, ET AL	07-016-0037
QQ	JOHN MATTHEW BUTLER	07-016-0039
RR	DAVID L. ELSON, ET UX	07-016-0034
SS	TERRY A. AND DONNA L. BONAR	07-016-0035
TT	STEPHANIE L. WHITE	07-016-0036.3
UU	DAVID L. ELSON, ET UX	07-016-0032
VV	ELLEN MARIE QUIGLEY	07-016-0033
WW	RUSSELL ALLEN JR. AND JODI D. DOTSON	07-016-0031
XX	RYAN HILL	07-016-0031.1
YY	MICHAEL KNOWLTON	07-010-0025
ZZ	JAN CAROL DOBBS, TRUSTEE OF THE G AND JAN DOBBS FAMILY TRUST AND ERIC SCOTT DOBBS	07-010-0021
AAA	MARSHALL COUNTY COAL RESOURCES INC.	07-010-0019
BBB	DONALD W. AND MARTHA J. KENNEDY	07-006-0011.1
CCC	STEPHEN L. AND PAMELA SCOTT	07-006-0011
DDD	GAIL L. ZWICK - LIFE	07-007-0014
EEE	GAIL L. ZWICK - LIFE	07-007-0012
FFF	TIMOTHY R. CAIN	07-007-0006.1
GGG	TIMOTHY R. CAIN	07-007-0006.2
HHH	MARSHALL COUNTY COAL RESOURCES	07-020-0026.3

API WELL #: 47 051 02425
 STATE COUNTY PERMIT

REVISIONS:	COMPANY:		
	OPERATOR'S	CHARLES JAMISON MSH	
	WELL #:	47-051-02425	410H
	DISTRICT:	LIBERTY DISTRICT	STATE: WV
	COUNTY:	MARSHALL	DATE: 10-28-2021
			DRAWN BY: K.E.S.
			SCALE: N/A
			DRAWING NO: 170-426
			WELL LOCATION PLAT 2

WW-6A1
(5/13)

Operator's Well No. Charles Jamison MSH 410H

**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
See Exhibit				

*Co-tenancy utilization - At least 7 mineral owners in tract and at least 75% of the royalty owners have consented to the lawful use or development of the oil or natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-tenancy Modernization and Majority Protection Act.

**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

By: _____

Its: _____

Staff Landman

Tract #	Tax Parcel	Lease Number	Lessor	Lessee	Royalty	Book/Page	% Interest Not Leased by Southwestern Production Company, LLC
1	7-7-6	724513-000	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 Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	342/268 422/204 642/281 650/63 33/110	0.00%
2	7-7-11	724510-000	Agnes Prendergast, widow The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C. SWN Production Company, LLC	12.50%	371/10 422/204 642/281 650/63 33/110	0.00%
3	7-7-10	724509-000	Ella Welling, widow; and Edna Welling, widow The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	360/219 422/204 642/281 650/63 33/110	0.00%
		747598-001	Stone Hill Mineral Holdings, LLC TH Exploration, LLC	TH Exploration, LLC SWN Production Company, LLC	17.00%	894/496 41/299	
4	7-6-8	FEE INTEREST	SWN Production Company, LLC			1096/159	0.00%
5	7-6-10	FEE INTEREST	SWN Production Company, LLC			1096/159	0.00%
6	N/A	FEE INTEREST	SWN Production Company, LLC			1096/159	0.00%
		724614-000	Oscar Goodnight and Nelle Goodnight, his wife; and Omar C. Howard and Edith Howard, his wife The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	326/305 422/204 642/281 650/63 33/110	
		724615-000	Maude Howard, single; Nello Goodnight and Oscar Goodnight, her husband The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	326/309 422/204 642/281 650/63 33/110	
7	p/o 7-6-12.1	724614-000	Oscar Goodnight and Nelle Goodnight, his wife; and Omar C. Howard and Edith Howard, his wife The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	326/305 422/204 642/281 650/63 33/110	0.00%
	p/o 7-6-12.1	724615-000	Maude Howard, single; Nello Goodnight and Oscar Goodnight, her husband The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	326/309 422/204 642/281 650/63 33/110	0.00%
8	p/o 7-6-12	724614-000	Oscar Goodnight and Nelle Goodnight, his wife; and Omar C. Howard and Edith Howard, his wife The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	326/305 422/204 642/281 650/63 33/110	0.00%
	p/o 7-6-12	724615-000	Maude Howard, single; Nello Goodnight and Oscar Goodnight, her husband The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, LLC	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	326/309 422/204 642/281 650/63 33/110	0.00%
9	7-10-20	724625-000	Nettle Buzzard, widow; Rudolph Buzzard, Sr. and Clara Buzzard, his wife; Ereit Buzzard and Ruth Buzzard, his wife; Helen Mount and Clett Mount, her husband; Gertrude Bailey, widow; Elizabeth Bowers and Kenneth L. Bowers, her husband; Arnett Buzzard, single The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC Chesapeake Appalachia, L.L.C.	The Manufacturers Light and Heat Company Columbia Gas Transmission Corporation Columbia Natural Resources, LLC SWN Production Company, LLC	12.50%	342/217 422/204 642/281 650/63 33/110	0.00%
		748824-001	William M. Martin and Antoinette M. Martin, husband and wife	SWN Production Company, LLC	17.00%	976/291	
		748824-002	Donald M. Martin and Malu A. Martin, husband and wife	SWN Production Company, LLC	17.00%	976/286	
		748824-003	Eva S. Pisciotto, a widow	SWN Production Company, LLC	17.00%	976/281	

		748824-004	Sandra L. Baker, a divorced woman and not remarried	SWN Production Company, LLC	17.00%	987/337	
		748824-005	Rosemary Fisher, a single woman	SWN Production Company, LLC	17.00%	1014/172	
		748824-006	John A. Martin, a divorced man and not remarried	SWN Production Company, LLC	17.00%	976/276	
		748824-007	Scott E. Martin, a divorced man and not remarried	SWN Production Company, LLC	17.00%	978/55	
10	7-11-1	724471-000	Jack Buzzard and Alice Buzzard, wife; Barbara L Yeater, widow; Willa R. Clark, widow; and Margaret F. Howard and Gene E. Howard, husband	Columbia Gas Transmission Corporation	12.50%	566/316	0.00%
				Columbia Gas Transmission Corporation		642/281	
				Columbia Natural Resources, LLC		650/63	
				Chesapeake Appalachia, LLC		33/110	
		749266-000	Chestnut Holdings, Inc., a Florida corporation	SWN Production Company, LLC	20.00%	1060/502	
11	7-11-2	724471-000	Jack Buzzard and Alice Buzzard, wife; Barbara L Yeater, widow; Willa R. Clark, widow; and Margaret F. Howard and Gene E. Howard, husband	Columbia Gas Transmission Corporation	12.50%	566/316	0.00%
				Columbia Gas Transmission Corporation		642/281	
				Columbia Natural Resources, LLC		650/63	
				Chesapeake Appalachia, LLC		33/110	
		749266-000	Chestnut Holdings, Inc., a Florida corporation	SWN Production Company, LLC	20.00%	1060/502	
12	7-11-3	724374-000	W. C. Fish and Ruth J. Fish, his wife; and George E. Fish and Cora Fish, his wife	The Wheeling Natural Gas Company	12.50%	140/302	0.00%
				The Wheeling Natural Gas Company		148/389	
				The Manufacturers Light and Heat Company		422/204	
				Columbia Gas Transmission Corporation		642/281	
				Columbia Natural Resources, LLC		650/63	
				Chesapeake Appalachia, LLC		33/110	
13	N/A	724374-000	W. C. Fish and Ruth J. Fish, his wife; and George E. Fish and Cora Fish, his wife	The Wheeling Natural Gas Company	12.50%	140/302	0.00%
				The Wheeling Natural Gas Company		148/389	
				The Manufacturers Light and Heat Company		422/204	
				Columbia Gas Transmission Corporation		642/281	
				Columbia Natural Resources, LLC		650/63	
				Chesapeake Appalachia, LLC		33/110	
14	p/o 7-11-4	724374-000	W. C. Fish and Ruth J. Fish, his wife; and George E. Fish and Cora Fish, his wife	The Wheeling Natural Gas Company	12.50%	140/302	0.00%
				The Wheeling Natural Gas Company		148/389	
				The Manufacturers Light and Heat Company		422/204	
				Columbia Gas Transmission Corporation		642/281	
				Columbia Natural Resources, LLC		650/63	
				Chesapeake Appalachia, LLC		33/110	
	p/o 7-11-4	724365-000	George Chambers and Annie Chambers, his wife	Clinton Oil and Gas Company	12.50%	137/425	0.00%
				Clinton Oil and Gas Company		150/36	
				The Wheeling Natural Gas Company		148/389	
				The Manufacturers Light and Heat Company		422/204	
				Columbia Gas Transmission Corporation		642/281	
				Columbia Natural Resources, LLC		650/63	
				Chesapeake Appalachia, LLC		33/110	
15	7-11-5	724616-000	Evanna Clouston Bennigton, widow; Sarah E. Carson, widow; Brtha Wise and Clarence H. Wise, her husband; Winnie Robinson and Frank Robinson, her husband; Touris L. Nuss, widow; Mary Varden, widow; Alan Williams and Betty Williams, his wife; Robert A. Williams, single	The Manufacturers Light and Heat Company	12.50%	326/461	0.00%
				The Manufacturers Light and Heat Company		422/204	
				Columbia Gas Transmission Corporation		642/281	
				Columbia Natural Resources, LLC		650/63	
				Chesapeake Appalachia, LLC		33/110	
16	7-16-36	723579-016	Dorothy June Izzo, a widow	SWN Production Company, LLC	16.00%	935/308	0.00%
		723579-017	Lucille Carolyn Safreed, also known as Lucille Caroline Safreed, a widow	SWN Production Company, LLC	16.00%	944/238	
		745669-001	Master Mineral Holdings I, LP, a Texas limited partnership	SWN Production Company, LLC	16.00%	945/417	
		745669-002	Donald Rex Quigley, also known as Donald R. Quigley and Ellen M. Quigley, husband and wife	SWN Production Company, LLC	18.00%	955/269	
		745669-005	Jack R. Hammers, a/k/a Jack Hammers, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	953/427	
		745669-007	P. Fred Hammers, also known as Fred Hammers, a married man dealing his sole and separate property	SWN Production Company, LLC	16.00%	955/543	
		745669-008	Howard Leslie Reid, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	944/242	
		745669-010	Master Mineral Holdings I, LP, a Texas limited partnership	SWN Production Company, LLC	16.00%	962/450	
		745669-014	Bounty Minerals, LLC	TH Exploration, LLC	20.00%	928/400	
			TH Exploration, LLC	SWN Production Company, LLC		44/132	

01/21/2022

		Pending	Buddy Randall Reid, divorced and not remarried	SWN Production Company, LLC	17.00%	1068/67	
		Pending	Charles H. Reid Trust, dated September 30, 2000	SWN Production Company, LLC	20.00%	1074/575	
17	N/A	723579-016	Dorothy June Izzo, a widow	SWN Production Company, LLC	16.00%	935/308	0.00%
		723579-017	Lucille Carolyn Safreed, also known as Lucille Caroline Safreed, a widow	SWN Production Company, LLC	16.00%	944/238	
		746669-001	Master Mineral Holdings I, LP, a Texas limited partnership	SWN Production Company, LLC	16.00%	945/417	
		746669-005	Jack R. Hammers, a/k/a Jack Hammers, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	953/427	
		746669-007	P. Fred Hammers, also known as Fred Hammers, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	955/543	
		746669-008	Howard Leslie Reid, a married man dealing in his sole and separate property	SWN Production Company, LLC	16.00%	944/242	
		746669-010	Master Mineral Holdings I, LP, a Texas limited partnership	SWN Production Company, LLC	16.00%	962/450	
		746669-014	Bounty Minerals, LLC	TH Exploration, LLC	20.00%	928/400	
			TH Exploration, LLC	SWN Production Company, LLC		44/132	
		Pending	West Virginia Department of Transportation, Division of Highways	SWN Production Company, LLC	20.00%	1069/117	
		Pending	Buddy Randall Reid, divorced and not remarried	SWN Production Company, LLC	17.00%	1068/67	
		Pending	Charles H. Reid Trust, dated September 30, 2000	SWN Production Company, LLC	20.00%	1074/575	
18	7-15-1	744485-000	William Hinkle and Sarah E. Hinkle, his wife	The Wheeling Natural Gas Company	12.50%	130/245	0.00%
			The Wheeling Natural Gas Company	The Manufacturers Light and Heat Company		148/389	
			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, LLC	SWN Production Company, LLC		33/110	
19	7-15-19	724526-000	William H. Hinkle and Leona B. Hinkle, his wife	The Manufacturers Light and Heat Company	12.50%	360/337	0.00%
			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, LLC	SWN Production Company, LLC		33/110	
20	7-15-17	724399-000	Sadie M. Spragg, widow	The Manufacturers Light and Heat Company	12.50%	326/519	0.00%
			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, LLC	SWN Production Company, LLC		33/110	
21	7-15-17.2	724399-000	Sadie M. Spragg, widow	The Manufacturers Light and Heat Company	12.50%	326/519	0.00%
			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, LLC	SWN Production Company, LLC		33/110	
22	7-15-17.1	724399-000	Sadie M. Spragg, widow	The Manufacturers Light and Heat Company	12.50%	326/519	0.00%
			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, LLC	SWN Production Company, LLC		33/110	
23	p/o 7-20-22	724261-003	Brenda J. Atkinson, a single woman	Chesapeake Appalachia, LLC	17.00%	715/376	16.67%
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		724261-004	Lawrence Paul Uhler, also known as Lawrence P. Uhler, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	706/243	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		724261-005	Lynn Marie Uhler, also known as Lynn M. Uhler, a single woman	Chesapeake Appalachia, LLC	17.00%	706/248	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		724261-005	Stephen Thomas Uhler, also known as Stephen T. Uhler, a single man	Chesapeake Appalachia, LLC	17.00%	706/252	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		724261-007	Leslie A. Marshall, also known as Leslie Ann Marshall, formerly known as Leslie A. Uhler	Chesapeake Appalachia, LLC	17.00%	706/256	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		Pending	Chestnut Holdings, Inc.	SWN Production Company, LLC	20.00%	1122/401	
		Pending	Shari L. Evraets, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1123/231	
		OPEN	AMP IV, LP			OPEN	
		OPEN	Nancy B. Divita			OPEN	
	p/o 7-20-25	724589-000	J.N. Crim and Caroline Crim, his wife	E.H. Jennings & Brothers	12.50%	95/259	0.00%
			E.H. Jennings & Brothers	Jennings Oil Company		121/193	
			Jennings Oil Company	E.H. Jennings & Brothers Company		205/26	
			E.H. Jennings & Brothers Company	Quaker State Oil Refining Corporation		2/64	
			Quaker State Oil Refining Corporation	Denver Oil & Gas Company, Inc.		2/70	
			Denver Oil & Gas Company, Inc.	The Manufacturers Light and Heat Company		2/400	
			The Manufacturers Light and Heat Company	Columbia Gas Transmission Corporation		422/204	
			Columbia Gas Transmission Corporation	Columbia Natural Resources, LLC		642/281	

01/21/2022

			Columbia Natural Resources, LLC	Chesapeake Appalachia, L.L.C.		650/63	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
24	7-15-14	724484-000	Effie M. Wallace, single; Maggie Wallace Buzzard, widow	The Manufacturers Light and Heat Company	12.50%	353/281	0.00%
			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, LLC	SWN Production Company, LLC		33/110	
25	p/o 7-20-26	724261-009	Ammon A. Burley and Flora Joanne Burley, husband and wife	TH Exploration, LLC	TBD	844/337	0.00%
			TH Exploration, LLC	SWN Production Company, LLC		41/299	
		725752-001	Rosemary Cain, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	685/227	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-002	Elizabeth Ann Cain, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	685/235	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-003	Beulah Kathleen Mackey, a widow	Chesapeake Appalachia, LLC	12.50%	685/231	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-004	Charles F. Geho, a widower	Chesapeake Appalachia, LLC	12.50%	685/373	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-005	Kathy Watkins Hoopes, also known as Kathy J. Hoopes, also known as Kathy Hoopes, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	685/369	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-006	Donald Marlin Watkins, also known as Marlin Watkins, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	685/365	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-008	Marguerite Kaczorowski, also known as Marguerite Jean Kaczorowski, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	687/112	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-009	Patricia Loy, also known as Elsie Patricia Loy, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	686/229	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-010	Margery Jeanette Hale, a widow	Chesapeake Appalachia, LLC	12.50%	687/104	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-011	Doris St. John, a single woman	Chesapeake Appalachia, LLC	12.50%	687/108	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-012	Donald Burley and Jacqueline J. Burley, his wife	Chesapeake Appalachia, LLC	12.50%	687/122	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-013	Dorothy Maxine Katzmeyer and Paul Richard Katzmeyer, her husband	Chesapeake Appalachia, LLC	12.50%	687/126	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-014	Mary Lou Rubini, formerly known as Mary Lou Blehm, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	687/130	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-015	Robert Burley, a single man; Barbara J. Burley, a single woman; Wayne E. Burley, a single man	Chesapeake Appalachia, LLC	12.50%	688/112	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-016	Karen J. Jones, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	688/176	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-017	Susan Smurthwaite, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	688/172	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-018	Franklin Thomas Barrett, also known as Franklin T. Barrett, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	689/192	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-019	Sharon Neala Barrett Zeppernick, also known as Sharon N. Zeppernick, also known as Sharon Neala Zeppernick, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	689/188	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-020	Betty J. Burley, a widow	Chesapeake Appalachia, LLC	12.50%	691/21	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-021	John Yeager and Linda S. Yeager, his wife	Chesapeake Appalachia, LLC	12.50%	692/222	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-022	John F. Yeager and Gertrud Yeager, his wife	Chesapeake Appalachia, LLC	12.50%	693/566	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-023	Annette Aldine Lloyd, also known as Annette A. Lloyd, a widow	Chesapeake Appalachia, LLC	12.50%	693/589	
			Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
		725752-024	Hulda Marie Gilbertson-Wayt, also known as Hilda Marie Gilbertson-Wayt, a married woman dealing in her sole and separate property (Life Estate Interest) and Kimberly Ann Wayt, a single woman, and Kerry Dean Wayt, a single woman (Remainder Interest)	Chesapeake Appalachia, LLC	12.50%	708/118	

	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-025	Edward L. Conaway, a single man	Chesapeake Appalachia, LLC	12.50%	694/21		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-026	Ronald W. Conaway, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	694/136		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-027	Krystal K. Camp, a married woman dealing in her sole and separate property	Chesapeake Appalachia, LLC	12.50%	694/147		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-028	Timothy N. Burley, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	694/252		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-029	Jeffrey L. Fish, a single man	Chesapeake Appalachia, LLC	12.50%	694/160		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-030	Michael A. Fish, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	694/165		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-031	Darrel Kerns, also known as Darrel Wayne Kerns, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	12.50%	695/507		
	Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110		
725752-051	Robert W. Conaway, Jr., a single man	SWN Production Company, LLC	16.00%	932/636		
725752-052	Donald Scott Conaway, a single man	SWN Production Company, LLC	16.00%	932/629		
				932/644		
725752-053	John Wanchick, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1015/218		
	Michael Wanchick, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	935/291		
725752-057				1015/216		
745029-001	Richard J. McHenry, Sr. and Martha Duncan McHenry, individually and as husband and wife	CNX Gas Company, LLC	15.00%	699/638		
	CNX Gas Company, LLC	SWN Production Company, LLC		35/32		
748876-001	Loren Gene Gray, also known as L. Gene Gray, also known as Gene Gray, a married man, dealing in his sole separate property	CNX Gas Company, LLC	15.00%	694/598		
	CNX Gas Company, LLC	SWN Production Company, LLC		42/124		
748876-002	Janice L. Mysliwiec, also known as Janice Mysliwiec	CNX Gas Company, LLC	15.00%	694/594		
	CNX Gas Company, LLC	SWN Production Company, LLC		42/124		
725752-056	Stone Hill Minerals Holdings, LLC	TH Exploration, LLC	17.00%	894/489		
	TH Exploration, LLC	SWN Production Company, LLC		41/299		
725752-062	Carolyn Stowe, a married woman dealing in her sole and separate property	SWN Production Company, LLC	17.00%	1035/401		
725752-059	Andrew F. Wood, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1040/242		
725752-063	Thomas David Conaway, a married man dealing in his sole and separate property	SWN Production Company, LLC	17.00%	1045/629		
Pending	The First Assembly of God Church of Alliance, Ohio, an Ohio non-profit corporation, by Reverend Lawrence A. Grow, Agent	SWN Production Company, LLC	17.00%	1065/68		
p/a 7-20-25	724261-002	The Hostetler Family Trust, dated January 31, 1989, by Kenneth L. Hostetler, acting as Trustee	Chesapeake Appalachia, LLC	12.50%	690/273	16.67%
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	724261-003	Brenda J. Atkinson, a single woman	Chesapeake Appalachia, LLC	17.00%	715/376	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	724261-004	Lawrence Paul Uhler, also known as Lawrence P. Uhler, a married man dealing in his sole and separate property	Chesapeake Appalachia, LLC	17.00%	706/243	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	724261-005	Lynn Marie Uhler, also known as Lynn M. Uhler, a single woman	Chesapeake Appalachia, LLC	17.00%	706/248	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	724261-006	Stephen Thomas Uhler, also known as Stephen T. Uhler, a single man	Chesapeake Appalachia, LLC	17.00%	706/252	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
	724261-007	Leslie A. Marshall, also known as Leslie Ann Marshall, formerly known as Leslie A. Uhler	Chesapeake Appalachia, LLC	17.00%	706/256	
		Chesapeake Appalachia, LLC	SWN Production Company, LLC		33/110	
Pending		Chestnut Holdings, Inc.	SWN Production Company, LLC	20.00%	Pending	
OPEN		AMP IV, LP			OPEN	
OPEN		Nancy B. Divita			OPEN	



4705102425

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

December 6, 2021

Taylor Brewer
WV DEP Office of Oil & Gas
601 57th St., SE
Charleston, WV 25304

RE: SWN's proposed New Well: Charles Jamison MSH 410H in Marshall County, West Virginia, Drilling under Cameron Ridge Road, Teardrop Lane, Fish Ridge Road, Reid Ridge, and N. Fish Creek Road.

Dear Mr. Brewer:

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 Cameron Ridge Road, Teardrop Lane, Fish Ridge Road, Reid Ridge, and N. Fish Creek 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,

Ian R. Nicas
Staff Landman
SWN Production Company, LLC

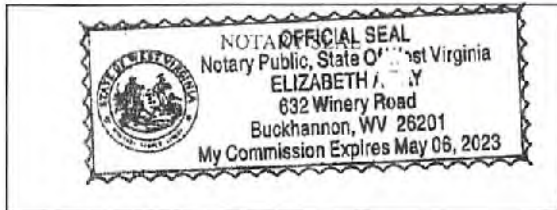
The Right People doing the Right Things,
Wisely Investing the Cash Flow from our
underlying Assets, will create Value.

Certification of Notice is hereby given:

THEREFORE, I Brittany 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:	<u>SWN Production Co., LLC</u>	Address:	<u>1300 Fort Pierpont Dr., Suite 201</u>
By:	<u>Brittany Woody</u>		<u>Morgantown, WV 26508</u>
Its:	<u>Senior Regulatory Analyst</u>	Facsimile:	<u>304-884-1690</u>
Telephone:	<u>304-884-1610</u>	Email:	<u>Brittany_Woody@swn.com</u>

Brittany Woody



Subscribed and sworn before me this 19th day of October, 2021.

Elizabeth A. Day Notary Public

My Commission Expires May 6 2023

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.

WW-6A
(9-13)

API NO. 47- 051 -
OPERATOR WELL NO. Charles Jamison MSH410-1
Well Pad Name: Charles Jamison MSH

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 12/9 Date Permit Application Filed: 12/9
Notice of:

- [X] PERMIT FOR ANY WELL WORK [] CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- [] PERSONAL SERVICE [X] REGISTERED MAIL [] METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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.

[X] Application Notice [X] WSSP Notice [X] E&S Plan Notice [X] Well Plat Notice is hereby provided to:

[X] SURFACE OWNER(s) ✓
Name: Charles Jamison & Jean Jamison
Address: 90 Liberty St
Seville, OH 44273
Name: Mitchell Zwick ✓
Address: 911 Hillcrest Drive
St. Albans, WV 25177

[X] COAL OWNER OR LESSEE ✓
Name: Murray Energy Attn: Mason Smith
Address: 46226 National Road
St. Clairsville, OH 43950

[] COAL OPERATOR
Name: _____
Address: _____

[] SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

[X] SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: See Attachment 13A
Address: _____

[] SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

[X] OPERATOR OF ANY NATURAL GAS STORAGE FIELD ✓
Name: Transcanada Corporation Attn: Luke Stull
Address: PO Box 1273
Charleston, WV 25325

*Please attach additional forms if necessary

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 12/9 Date Permit Application Filed: 12/9

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)
Name: Ronnie E. Evans
Address: 3780 Grapevine Ridge
Cameron, WV 26033
Name: Gail Zwick
Address: 159 Edgington Lane #15
Wheeling, WV 26003

COAL OWNER OR LESSEE
Name: Consolidation Coal Company
Address: 1000 Consol Energy Drive
Ganonsburg, PA 15317

COAL OPERATOR
Name: _____
Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: _____
Address: _____

Name: _____
Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments or Pits)

Name: _____
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

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

01/21/2022

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

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.**

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.

WW-6A
(8-13)

API NO. 47- 051 -
OPERATOR WELL NO. Charles Jamison MSH 410H
Well Pad Name: Charles Jamison MSH

Notice is hereby given by:

Well Operator: SWN Production Co., LLC

Telephone: 304-884-1610

Email: Brittany_Woody@swn.com

Brittany Woody

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.



Subscribed and sworn before me this 19th day of October, 2021
Elizabeth A. Day Notary Public
My Commission Expires May 6, 2023

4705102425

Attachment 13

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





JAMISON
CHARLES & JEAN
07 7000001000000

STEELE KENNETH W
07 700100000000

JAMISON CHARLES
& JEAN
07 7000500000000

CHARLES JAMISON PAD

ZWICK DONALD L
SR ET UX - LIFE
07 7001200000000

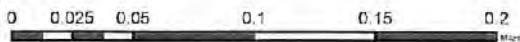
STRAYER TERRY L
07 7000500000000

ZWICK DONALD L SR
ET UX - LIFE
07 7001400000000

JAMISON CHARLES & JEAN
07 7001300000000



1 in = 417 ft



- Pond
- Ⓢ Spring
- 1500' Buffer

Water Purveyor Map
Well Pad: Charles Jamison
County: MSH

SWN ^{RL} ²² ^{V+}
Southwestern Energy
01/21/2022

Coordinate System: NAD 1983 UTM Zone 17N
Units: Meter

Coordinates: 39.792781, -80.608056

Date: 5/7/2018 | Author: willich

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s) ✓

Name: Ronnie E. Evans

Address: 3780 Grapevine Ridge
Cameron, WV 26033

Name: _____

Address: _____

Name: _____

Address: _____

COAL OWNER OR LESSEE ✓

Name: Murray Energy Attn: Mason Smith

Address: 46336 National Road
Saint Clairsville, OH 43950

MINERAL OWNER(s) ✓

Name: Raymond Bentz

Address: 2724 Wyoming Ave. SW
Wyoming, MI 49519

*please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792731, -80.508056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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.

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: 5/17/2018 **Date of Planned Entry:** 5/24/2018

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: Charles Jamison & Jean Jamison ✓
Address: 90 Liberty St.
Seville, OH 44273

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: Consolidation Coal Company Attn: Casey Saunders ✓
Address: 1000 Consol Energy Drive
Canonsburg, PA 15317

MINERAL OWNER(s)

Name: Nancy Bentz ✓
Address: 12 Forest Ave
Rockville, MD 20850

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608058</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>britteny_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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.

WW-6A3
(1/12)

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 Planned Entry: 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)
 Name: _____
 Address: _____

 Name: _____
 Address: _____

 Name: _____
 Address: _____

COAL OWNER OR LESSEE
 Name: _____
 Address: _____

MINERAL OWNER(s)
 Name: Kriss T. Wager a/k/a Kriss T. Haren
 Address: 6300 Heffner Rd
Tipp City, OH 45371
 *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 conduct a plat survey on the tract of land as follows:

State:	<u>West Virginia</u>	Approx. Latitude & Longitude:	<u>39.792781, -80.608056</u>
County:	<u>Marshall</u>	Public Road Access:	<u>Grapevine Road CR 25/31</u>
District:	<u>Liberty</u>	Watershed:	<u>Upper Fish Creek</u>
Quadrangle:	<u>Cameron</u>	Generally used farm name:	<u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	<u>SWN PRODUCTION COMPANY, LLC</u>	Address:	<u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone:	<u>304-894-1610</u>		<u>Morgantown, WV 26508</u>
Email:	<u>brilliant_woody@swn.com</u>	Facsimile:	<u>304-884-1690</u>

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.

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Diane L. Perry a/k/a Diane Lynne Russell
Address: 8554 Softwind Ave. NW
North Canton, OH 44720

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26506
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.

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Linda L. Klag f/k/a Linda L. Rice
Address: 2415 Coker Ave
Knoxville, TN 37917

*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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

Approx. Latitude & Longitude: 39.792781, -80.608066
Public Road Access: Grapevine Road CR 25/31
Watershed: Upper Fish Creek
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 production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
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.

01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Debra Louk
Address: 343 Skyview Dr
Writersville, OH 43953

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1510
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 depprivacvofficer@wv.gov.

01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Phyllis Fox
Address: 879 Meadow View, NW
Canal Fulton, 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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

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

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
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:

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01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Joy Elaine Dunn ✓
Address: 2422 Oxford Down Center
Sun City Center, FL 33573

*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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

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

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

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01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Norma Jean Hamel
Address: 24583 Calle Magdalena
Murrieta, CA 92562

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Road, Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

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01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Joyce A. Wagner
Address: 9317 Chinaberry Pl.
Huber Heights, OH 45424

*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 conduct a plat survey on the tract of land as follows:

State:	<u>West Virginia</u>	Approx. Latitude & Longitude:	<u>39.792781, -80.608056</u>
County:	<u>Marshall</u>	Public Road Access:	<u>Grapevine Road CR 2531</u>
District:	<u>Liberty</u>	Watershed:	<u>Upper Fish Creek</u>
Quadrangle:	<u>Cameron</u>	Generally used farm name:	<u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1890

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01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Douglas Gosney
Address: 231 Woodridge Dr Apt. C-204 ✓
Wintersville, OH 43953

*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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

Approx. Latitude & Longitude: 39.792781, -80.609056
Public Road Access: Grapevine Road CR 2531
Watershed: Upper Fish Creek
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 production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
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.

01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)
 Name: _____
 Address: _____

 Name: _____
 Address: _____

 Name: _____
 Address: _____

COAL OWNER OR LESSEE
 Name: _____
 Address: _____

MINERAL OWNER(s)
 Name: Sandra Sue Pekinsky ✓
 Address: 128 Grant Ave
Wheeling, WV 26003
 *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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26506</u>
Email: <u>brittany_woodly@swn.com</u>	Facsimile: <u>304-884-1690</u>

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.

WW-6A3
(1/12)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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Manager Enterprises, LLC
Address: PO Box 6812
Wheeling, WV 26003

*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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

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

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
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.

01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Summer Daun Miller ✓
Address: 1309 Center St
Moundsville, WV 26003

*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 conduct a plat survey on the tract of land as follows:

State:	<u>West Virginia</u>	Approx. Latitude & Longitude:	<u>39.792781, -80.608056</u>
County:	<u>Marshall</u>	Public Road Access:	<u>Grapevine Road CR 2531</u>
District:	<u>Liberty</u>	Watershed:	<u>Upper Fish Creek</u>
Quadrangle:	<u>Cameron</u>	Generally used farm name:	<u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
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.

01/21/2022

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Jeffrey H. Cunningham I ✓
Address: 1947 Burch Ridge Road
Proctor, WV 26055

*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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

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

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
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.

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 Planned Entry:** 4/23/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Gary Hesking
Address: 847 Basswood Ave.
Canal Fulton, 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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.603056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1510</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1890</u>

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RECEIVED
Office of Oil and Gas

DEC 18 2019
01/21/2022

WW-6A3
(1/12)

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

PERSONAL SERVICE REGISTERED MAIL METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Bryan Hosking
Address: 608 Indian Tr
Akron, OH 44314

*please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 13 2019
WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

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01/21/2022

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

 MINERAL OWNER(s)

Name: Seth Thomas Holl
Address: 4927 Charles Parin Dr
Parrish, FL 34219
*please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-894-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

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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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)
 Name: _____
 Address: _____

 Name: _____
 Address: _____

 Name: _____
 Address: _____

COAL OWNER OR LESSEE
 Name: _____
 Address: _____

MINERAL OWNER(s)
 Name: James Hosking
 Address: 906 Denshire Dr. NW
Canal Fulton, OH 44614
 *please attach additional forms if necessary

RECEIVED
 Office of Oil and Gas
 DEC 13 2021
 WV Department of
 Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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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: 4/19/2019 **Date of Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Jeffrey Todd Fromhart
Address: 1309 Center St
Moundsville, WV 26041

**please attach additional forms if necessary*

RECEIVED
Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: West Virginia

County: Marshall

District: Liberty

Quadrangle: Cameron

Approx. Latitude & Longitude: 39.792781, -80.606056

Public Road Access: Grapevine Road CR 25/31

Watershed: Upper Fish Creek

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 production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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

Telephone: 304-854-1510

Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508

Facsimile: 304-884-1690

Oil and Gas Privacy Notice:

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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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Marilyn Troyer a/k/a Marilyn Hame
Address: 2430 Meadows Ave. NW
Massillon, OH 44708

*please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792761, -80.608055</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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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: 4/19/2019 **Date of Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Darren Gosney
Address: 3333 Crist Rd
Springfield, OH 45502

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Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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**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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

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Office of Oil and Gas
DEC 13 2021

WV Department of Environmental Protection

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Karen S. Wiley
Address: 11519 Domina ST
Richmond, TX 77406

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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WW-6A3
(1/12)

Operator Well No. 4705102425 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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)
 Name: _____
 Address: _____

 Name: _____
 Address: _____

 Name: _____
 Address: _____

COAL OWNER OR LESSEE
 Name: _____
 Address: _____

MINERAL OWNER(s)
 Name: Sharon Sue Tuersley
 Address: 3250 Stillwater Ave NW
Canton, OH 44708
 *please attach additional forms if necessary

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Office of Oil and Gas

DEC 13 2021

WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: West Virginia
 County: Marshall
 District: Liberty
 Quadrangle: Cameron

Approx. Latitude & Longitude: 39.792781, -80.608056
 Public Road Access: Grapewine Road CR 25/31
 Watershed: Upper Fish Creek
 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 production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
 Telephone: 304-884-1810
 Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
 Facsimile: 304-884-1890

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01/21/2022

**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: 4/19/2019 **Date of Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

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 REGISTERED MAIL
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RECEIVED
Office of Oil and Gas

DEC 13 2021

Notice is hereby provided to:

SURFACE OWNER(s)
Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE
Name: _____ WV Department of
Address: _____ Environmental Protection

MINERAL OWNER(s)
Name: Gary Fletcher
Address: 381 Jim Corbin Rd
Franklin, NC 28734
*please attach additional forms if necessary

Notice is hereby given:

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State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dcp.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

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 REGISTERED MAIL
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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Dennis Gosney
Address: 914 W. Dorothy Ln
Dayton, OH 45409

*please attach additional forms if necessary

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District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

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Notice is hereby given by:

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Telephone: 304-884-1610

Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508

Facsimile: 304-884-1680

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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

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 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: David Shayne Fromhart
Address: 10052 Bedford Rd
Spring Hill, IL 34608

*please attach additional forms if necessary

Notice is hereby given:

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District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

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Notice is hereby given by:

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Telephone: 304-884-1510
Email: brillianty_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
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Facsimile: 304-884-1890

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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 Planned Entry:** 4/25/2019

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Office of Oil and Gas

Delivery method pursuant to West Virginia Code § 22-6A-10a

DEC 13 2021

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

WV Department of Environmental Protection

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Mindy Cardinal, f/k/a Mindy Marie Zufra
Address: 10403 Red Rosa Dr
Wadsworth, OH 44281

*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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

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

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-864-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-864-1690

Oil and Gas Privacy Notice:

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01/21/2022

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)
Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE
Name: _____
Address: _____

 MINERAL OWNER(s)
Name: Michael Cunningham
Address: 3 Hemlock Dr
Canton, MA 02021
*please attach additional forms if necessary

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Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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01/21/2022

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)
 Name: _____
 Address: _____

 Name: _____
 Address: _____

 Name: _____
 Address: _____

COAL OWNER OR LESSEE
 Name: _____
 Address: _____

MINERAL OWNER(s)
 Name: Barbara Jean Bruhn
 Address: 527 21st St. NW
Canton, OH 44718
 *please attach additional forms if necessary

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Office of Oil and Gas

DEC 13 2021

WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: West Virginia
 County: Marshall
 District: Liberty
 Quadrangle: Cameron

Approx. Latitude & Longitude: 39.792781, -80.608058
 Public Road Access: Grapevine Road CR 25/31
 Watershed: Upper Fish Creek
 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 production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
 Telephone: 304-884-1810
 Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
 Facsimile: 304-884-1890

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.

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: 4/19/2019 **Date of Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Black Gold Group, LTD
Address: PO Box 85
Stratsburg, OH 44680

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Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

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Office of Oil and Gas
DEC 13 2021
WV Department of
Environmental Protection

Notice is hereby provided to:

SURFACE OWNER(s)
Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE
Name: _____
Address: _____

MINERAL OWNER(s)
Name: Naomi Daiger
Address: 15372 Marshallville St. NW
Canal Fulton, 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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1810</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-894-1690</u>

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01/21/2022

**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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)
Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE
Name: _____
Address: _____

MINERAL OWNER(s)
Name: Charles J. Bruhn
Address: 6692 Hampton Dr.
San Jose, CA 95120
*please attach additional forms if necessary

RECEIVED
Office of Oil and Gas

DEC 13 2021

WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792791, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1610
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1690

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**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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Anne Marie Strebel
Address: 149 Briar Ridge Dr
San Jose, VA 95123

*please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 13 2021

WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

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Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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01/21/2022

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 Planned Entry:** 4/25/2019

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 METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

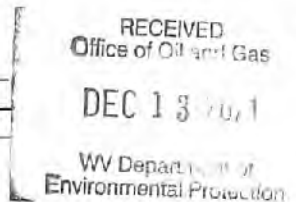
Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Kelly Thomason
Address: 287 Wilber Dr. NE Apt. 2
North Canton, OH 44720
*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1910</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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.

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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Gary Hosking
Address: 847 Basswood Ave
Canal Fulton, OH 44614

*please attach additional forms if necessary

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WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberly</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1300 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1590</u>

Oil and Gas Privacy Notice:

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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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

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SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

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Environmental Protection

MINERAL OWNER(s)

Name: Eric Thomason
Address: 288 Crittenden Way, Apt 6
Rochester, NY 14623

*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 conduct a plat survey on the tract of land as follows:

State: <u>West Virginia</u>	Approx. Latitude & Longitude: <u>39.792781, -80.608056</u>
County: <u>Marshall</u>	Public Road Access: <u>Grapevine Road CR 25/31</u>
District: <u>Liberty</u>	Watershed: <u>Upper Fish Creek</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: <u>SWN PRODUCTION COMPANY, LLC</u>	Address: <u>1309 Fort Pierpont Dr., Suite 201</u>
Telephone: <u>304-884-1610</u>	<u>Morgantown, WV 26508</u>
Email: <u>brittany_woody@swn.com</u>	Facsimile: <u>304-884-1690</u>

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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 Planned Entry:** 4/25/2019

Delivery method pursuant to West Virginia Code § 22-6A-10a

- PERSONAL SERVICE
 REGISTERED MAIL
 METHOD OF DELIVERY THAT REQUIRES A 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 planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days 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 seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion 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 site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

SURFACE OWNER(s)

Name: _____
Address: _____

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: _____
Address: _____

MINERAL OWNER(s)

Name: Bradley Paul Hamel
Address: 25100 Vista Murietta Rd Apt 43
Murrieta, CA 92562

*please attach additional forms if necessary

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Office of Oil and Gas

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WV Department of
Environmental Protection

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 conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Marshall
District: Liberty
Quadrangle: Cameron

Approx. Latitude & Longitude: 39.792781, -80.608058
Public Road Access: Grapevine Road CR 25/31
Watershed: Upper Fish Creek
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 production 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). Copies of such documents or additional information related to horizontal drilling may be obtained 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
Telephone: 304-884-1810
Email: brittany_woody@swn.com

Address: 1300 Fort Pierpont Dr., Suite 201
Morgantown, WV 26508
Facsimile: 304-884-1890

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.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

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 Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 10/06/2021 **Date Permit Application Filed:** 12/9

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY **CERTIFIED MAIL RETURN RECEIPT REQUESTED**

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner; *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Charles Jamison and Joan Jamison
Address: 90 Liberly Street
Saville, OH 44273

Name: _____
Address: _____

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>533,605.286</u>
County:	<u>Marshall</u>		Northing:	<u>4,404,730.506</u>
District:	<u>Liberty District</u>	Public Road Access:	<u>Grapevine Ridge Road</u>	
Quadrangle:	<u>Cameron</u>	Generally used farm name:	<u>Charles Jamison</u>	
Watershed:	<u>Maggoty Run</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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.

Notice is hereby given by:

Well Operator: SWN Production Company, LLC
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26506
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

Authorized Representative: Justin Booth
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

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WV Department of
Environmental Protection

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.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

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 Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 10/06/2021 **Date Permit Application Filed:** 12/19

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY **CERTIFIED MAIL RETURN RECEIPT REQUESTED**

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Gail Zwick
Address: 159 Edgington Lane #15
Wheeling, WV 26003

Name: _____
Address: _____

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Office of Oil and Gas

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WV Department of
Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>533,605.286</u>
County:	<u>Marshall</u>		Northing:	<u>4,404,730.506</u>
District:	<u>Liberty District</u>	Public Road Access:	<u>Grapevine Ridge Road</u>	
Quadrangle:	<u>Cameron</u>	Generally used farm name:	<u>Charles Jamison</u>	
Watershed:	<u>Maggoty Run</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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.

Notice is hereby given by:

Well Operator: SWN Production Company, LLC
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

Authorized Representative: Justin Booth
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

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01/21/2022

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL**

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 Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 10/06/2021 **Date Permit Application Filed:** 12/13/2021

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY **CERTIFIED MAIL RETURN RECEIPT REQUESTED**

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Ronnie E. Evans
Address: 3780 Grapevine Ridge
Cameron, WV 26033

Name: _____
Address: _____

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Office of Oil and Gas
DEC 13 2021

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>533,605,286</u>
County:	<u>Marshall</u>		Northing:	<u>4,404,730,506</u>
District:	<u>Liberty District</u>	Public Road Access:	<u>Grapevine Ridge Road</u>	
Quadrangle:	<u>Cameron</u>	Generally used farm name:	<u>Charles Jamison</u>	
Watershed:	<u>Maggoty Run</u>			

WV Department of
Environmental Protection

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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.

Notice is hereby given by:

Well Operator: SWN Production Company, LLC
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

Authorized Representative: Justin Booth
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

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01/21/2022

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL**

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 Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 10/06/2021 **Date Permit Application Filed:** 10/19/21

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY **CERTIFIED MAIL RETURN RECEIPT REQUESTED**

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Mitchell Zwick
Address: 911 Hillcrest Drive
St. Albans, WV 25177

Name: _____
Address: _____

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Office of Oil and Gas
DEC-13 2021
WV Department of
Environmental Protection

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83 Easting:	<u>533,805,286</u>
County:	<u>Marshall</u>	Northing:	<u>4,404,730,506</u>
District:	<u>Liberty District</u>	Public Road Access:	<u>Grapevine Ridge Road</u>
Quadrangle:	<u>Cameron</u>	Generally used farm name:	<u>Charles Jamison</u>
Watershed:	<u>Maggoty Run</u>		

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. 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.

Notice is hereby given by:

Well Operator: SWN Production Company, LLC
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

Authorized Representative: Justin Booth
Address: 1300 Fort Pierpont Drive, Suite 201
Morgantown, WV 26508
Telephone: 304-884-1675
Email: justin_booth@swn.com
Facsimile: _____

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 10/06/2021 **Date Permit Application Filed:** 10/6

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

- CERTIFIED MAIL HAND
RETURN RECEIPT REQUESTED DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: <u>Charles Jamison and Jean Jamison</u>	Name: _____
Address: <u>90 Liberty Street</u>	Address: _____
<u>Saville, OH 44273</u>	

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83 Easting: <u>533,605.286</u>
County: <u>Marshall</u>	Northing: <u>4,404,730.505</u>
District: <u>Liberty District</u>	Public Road Access: <u>Grapevine Ridge Road</u>
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>
Watershed: <u>Maggoly Run</u>	

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Environmental Protection

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. 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 Operator: <u>SWN Production Company, LLC</u>	Address: <u>1300 Fort Pierpont Drive, Suite 201</u>
Telephone: <u>304-884-1676</u>	<u>Morgantown, WV 26508</u>
Email: <u>justin_booth@swn.com</u>	Facsimile: _____

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.

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

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 10/06/2021 **Date Permit Application Filed:** 12/19

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

- CERTIFIED MAIL HAND
RETURN RECEIPT REQUESTED DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: <u>Gail Zwick</u>	Name: _____
Address: <u>159 Edgington Lane #15</u>	Address: _____
<u>Wheeling, WV 26003</u>	

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83	Easting: <u>533,605.286</u>	RECEIVED Office of Oil and Gas DEC 13 2021
County: <u>Marshall</u>		Northing: <u>4,404,730.505</u>	
District: <u>Liberty District</u>	Public Road Access: <u>Grapevine Ridge Road</u>		
Quadrangle: <u>Cameron</u>	Generally used farm name: <u>Charles Jamison</u>		
Watershed: <u>Maggoty Run</u>			

WV Department of
Environmental Protection

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. 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 Operator: <u>SWN Production Company, LLC</u>	Address: <u>1300 Fort Pierpont Drive, Suite 201</u>
Telephone: <u>304-684-1675</u>	<u>Morgantown, WV 26508</u>
Email: <u>justin_booth@swn.com</u>	Facsimile: _____

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.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

D. Alan Reed, P.E.
State Highway Engineer

Jimmy Wriston, P. E.
Secretary of Transportation
Commissioner of Highways

October 6, 2021

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 410H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2018-0459 which has been issued to Southwestern Energy for access to the State Road for a well site located off Marshall County Route 25/1 SLS MP 3.5.

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. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Gary K. Clayton, P.E.
Regional Maintenance Engineer
Central Office O&G Coordinator

RECEIVED
Office of Oil and Gas

DEC 13 2021

WV Department of
Environmental Protection

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

Attachment VI Frac Additives

Product Name	Product Use	Chemical Name	CAS Number
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 polymer	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, Benzyl-C12-16-Alkyldimethyl, Chlorides	68424-85-1
		Ethanol	64-17-5
Bactron K-219 (Champion Technologies)	Biocide	Methanol	67-56-1
		Quaternary Ammonium Compounds, Benzyl-C12-16-Alkyldimethyl, Chlorides	68424-85-1
CarboNRT	Tracer	Ceramic Proppant	65402-68-4
EC6486A (Nalco Champion)	Scale Inhibitor	Amine Triphosphate	Proprietary
		Ethylene Glycol	107-21-1
EC6734A (Champion Technologies)	Biocide	Hydrogen Peroxide	7722-84-1
		Acetic Acid	64-19-7
		Peroxyacetic Acid	79-21-0
Econo-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
Ecopol-FEAC (SWN Well Services)	Iron Control	Acetic Acid	64-19-7
		Citric Acid	77-92-9
		Water	7732-18-5
FDP-S1176-15 (Halliburton)	Friction Reducer	Polyacrylate	Proprietary
		Hydrotreated light petroleum distillate	64742-47-8
FLOJET DR900 LPP (SWN Well Services)	Friction Reducer	Distillates (petroleum) hydrotreated light	64674-47-8
		Ethylene Glycol	107-21-1
		Alcohols, C12-16, Exoxylated propoxylated	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
HCL (SWN Well Services)	Hydrochloric Acid	Hydrochloric Acid	7647-01-0
		Water	7732-18-5
LP-65 MC (Halliburton)	Scale Inhibitor	Organic phosphonate	Proprietary
		Ammonium Chloride	12125-02-9
OPTI-PLEX (U.S. Well Services)	Viscosifying Agent	Distillates, petroleum, hydrotreated light	64742-47-8
Plexslick 930	Friction Reducer	Copolymer of 2-propenamide	Proprietary
		Hydrotreated Distillate	64742-47-8
		Sodium Chloride	7647-14-5
		Alcohols, C12-16, Exoxylated	68551-12-2
		Oleic Acid Diethanolamide	93-83-4
		Ammonium Chloride	12125-02-9
Plexslick 953	Friction Reducer	Petroleum Distillate	64742-47-8
		Sodium Chloride	7647-14-5
		Ammonium Chloride	12125-02-9
		N,N-bis (2-hydroxyethyl) oleamide	93-83-4
Plexslick 957	Friction Reducer	Petroleum Distillate	64742-47-8
		Ammonium Chloride	12125-02-9
		Oleic Acid Diethanolamide	93-83-4
		Alcohols, C12-16, Exoxylated	68551-12-2
		Water	7732-18-5
WFRA-2000 (U.S. Well Services)	Anionic Friction Reducer	Hydrotreated light distillate (petroleum)	64742-47-8
		Propenoic acid, polymer with propenamide	5003-06-9
Plexad 655 NM Plexslick 922	Scale Inhibitor no data available	Diethylenetriamine penta (methylene phosphonic acid)	15827-30-8
		Copolymer of 2-propenamide	69418-26-4
		Distillates (petroleum), hydrotreated light	64742-47-8
		Ammonium chloride ((NH4)Cl)	12125-02-9
		Oleic Acid Diethanolamide	93-83-4
Tolcide PS50A	Biocidal product	Tetrakis (hydroxymethyl) phosphonium sulphate	55566-30-8
		Acrylic acid terpolymer containing carboxylate phosphonate and sulfonate groups	397256-50-7
LD-2950	Friction Reducer	Hydrotreated light petroleum distillate	64742-47-8
		Ethoxylated alcohol	Proprietary
Legend LD-7750W	Scale Control	Poly (oxy-1,2-ethanediyl) alpha,-tridecyl-, omega,-hydroxy-, branched	69011-36-5
		Methanol	67-56-1
MC MX 8-4743	Specialty Product	Phosphonic Acid Salt	Proprietary
		Sodium Nitrate	7631-99-4

As of 1/16/2020

01/21/2022

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			
ADDRESS	NAME	PHONE NO.	STREET
AMBUCLARE		811	
HOSPITAL EMERGENCY ROOM	60 VALLEY MEDICAL CENTER	(505) 224-0129	
FIRE DEPARTMENT		811	
POLICE DEPARTMENT		811	
POISON CONTROL CENTER	WEST VIRGINIA POISON CENTER	(800) 285-1225	

FLOOD PLAIN CONDITIONS	
DOES SITE CONSTRUCTION ACTIVITIES TAKE PLACE IN FLOODPLAIN	NO
PERMIT REQUIRED FROM COUNTY FLOODPLAIN COORDINATOR	NO
ARE FLOOD STUDY COMPLETED	NO
FLOODPLAIN DESIGN BY CONTRACTOR	NO
PERMITS REQUIRED FOR SITE	NO
ADDRESS OF CONSTRUCTION FLOODPLAIN	0.00 AC

PROJECT OWNERS/CLIENT: WEST VIRGINIA ENERGY COMPANY
1800 ENERGY DRIVE
SPRINGFIELD, WV 26161
PH: (204) 853-1118
CONTACT: JOSEPH D. ROBINSON, P.E.

DESIGNER: CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
800 MARKET PLACE AVENUE SUITE 200
BROOKFIELD, WV 26031
PH: (204) 853-1118
CONTACT: JOSEPH D. ROBINSON, P.E.

CONTRACTOR: STEVE WAIN HOOK

LOCAL OFFICE: P.O. BOX 843-0000
CONTACT: DISTRICT ENGINEER
GUS SURRICK

STATE OFFICE: WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (WVDEP)
P.O. BOX 602-3074
CHARLESTON, WV 25302
CONTACT: NATIONAL RESPONSE CENTER
PH: (304) 424-6000



LOCATION MAP
CAMFROM USGS 7.5' QUAD
SCALE IN FEET
1 INCH = 100 FEET



VICINITY MAP
MARSHALL COUNTY ROAD MAP
SCALE IN FEET
1 INCH = 1 MILE

APPROVED
WVDEP OOG
9/12/2018

WEST VIRGINIA
CALL BEFORE YOU DIG!
WEST VIRGINIA STATE LAW REQUIRES THAT YOU CALL TWO BUSINESS DAYS BEFORE YOU BEGIN ANY STATE OF WEST VIRGINIA UTILITY WORK.



PLAN REPRODUCTION WARNING
THIS PLAN HAS BEEN CREATED ON A 24" X 36" SHEET. FOR REPRODUCTION, REFER TO GRAPHIC SCALE.
THIS PLAN HAS BEEN CREATED FOR FULL COLOR PRINTING. ANY SET OF THIS PLAN THAT IS NOT PRINTED IN FULL COLOR SHALL BE CONSIDERED INADEQUATE FOR CONSTRUCTION PURPOSES.
WARNING INFORMATION MAY BE LOST IN COPYING AND/OR PRINTING.

SHEET INDEX

1. COVER SHEET	18. PROFILES AND SECTIONS
2. GENERAL NOTES	17. PROFILES AND SECTIONS
3. MATERIAL LEGEND	16. PROFILES AND SECTIONS
4. MATERIAL QUANTITIES	15. PROFILES AND SECTIONS
5. SITE SAFETY PLAN	14. PROFILES AND SECTIONS
6. SITE SAFETY PLAN	13. PROFILES AND SECTIONS
7. C&G DETAIL CONNECTION	12. DETAILS
8. ISOMETRIC	11. DETAILS
9. EROSION & SEDIMENT CONTROL PLAN	10. DETAILS
10. EROSION & SEDIMENT CONTROL PLAN	9. DETAILS
11. EROSION & SEDIMENT CONTROL PLAN	8. DETAILS
12. SITE PLAN	7. DETAILS
13. SITE PLAN	6. DETAILS
14. SITE PLAN	5. DETAILS
15. SITE PLAN	4. DETAILS
16. PROFILES AND SECTIONS	3. DETAILS
	2. DETAILS
	1. DETAILS

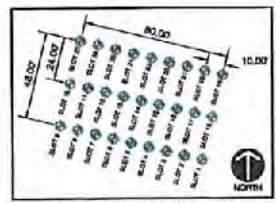
SITE LOCATIONS	WY-10 (NORTH ZONE)		UTM44-57	
	LATITUDE	LONGITUDE	NORTHING	EASTING
MAIN ACCESS ROAD ENTRANCE	39.795520	-80.609105	495237.4297	583228.9756
CENTER OF WELL PAD	39.791942	-80.609584	494238.8197	583508.0332
CENTER OF PRODUCTION PAD	39.792781	-80.608056	494276.7931	583557.1423

WETLAND IMPACTS (D/F/A/C)		
WETLAND IMPACT AND CAUSE	AREA (M ² /AC)	CONSTRUCTION EQUIV. RATIO
WETLAND B	515.80	0.012
TOTAL	515.80	0.012

GRADING VOLUMES			
DESCRIPTION	CUT (CY)	FILL (CY)	NET (CY)
ROAD PICKUP ROAD	1,486	28,700	-27,214
COUNTY ROAD IMPROVEMENT	8,294	9,711	-1,417
DRILL PAD	73,187	20,478	52,709
PRODUCTION PAD	1,739	25,876	-24,137
STRIPPING PAD	808	2,111	-1,303
SPILL PILE 1	0	679	679
TOTAL	83,997	92,495	-8,498
TOPSOIL / STRIPPING (20% SWELL - 15%40 C.V.)		12,845	12,845
TOTAL EXCAVATION	98,896	96,640	2,256

LISTS OF DISTURBANCE PARCEL BREAK UPS - JAMISON WELL PAD				
MARSHALL COUNTY, WEST VIRGINIA				
OWNER	TOT. PARCEL	OPEN SPACE	NET ACRES	% OF DISTURBANCE
JAMISON CHARLES & KIM	7.4	660.113	87.20	11.78
				MAIN ACCESS ROAD
				4.34
				STRIPPING AREA
				0.85
				PRODUCTION PAD
				2.51
				DRILL PAD
				5.54
				TOPSOIL/STRIPPING PILE 1
				2.27
				SPILL PILE 1
				0.39
				PARCEL TOTAL
				16.71
TRAVIS GAIL - LLC	7.12	667.790	27.00	3.79
				DRILL PAD
				0.33
				PARCEL TOTAL
				16.64

LOSS AREAS	
DESCRIPTION	ACRES
MAIN ACCESS ROAD	4.34
STRIPPING AREA	0.85
PRODUCTION PAD	2.51
DRILL PAD	5.57
TOPSOIL/STRIPPING PILE 1	2.27
SPILL PILE 1	0.39
TOTAL	16.64
WOODED	0.89



WELL HEAD LAYOUT
NOT TO SCALE

WELL RESTRICTIONS CHECKLIST (FROM CENTRAL ON VERT.)	
AT LEAST 100 FEET FROM ANY AND ALL EXISTING AND NEW COALING, FEASIBLE TO ANY PERSON OR ENTITY, INCLUDING FEDERAL, STATE OR LOCAL GOVERNMENT.	YES
AT LEAST 200 FEET FROM ANY AND ALL EXISTING AND NEW COALING, FEASIBLE TO ANY PERSON OR ENTITY, INCLUDING FEDERAL, STATE OR LOCAL GOVERNMENT.	YES
AT LEAST 1000 FEET FROM ANY AND ALL EXISTING AND NEW COALING, FEASIBLE TO ANY PERSON OR ENTITY, INCLUDING FEDERAL, STATE OR LOCAL GOVERNMENT.	YES
AT LEAST 100 FEET FROM ANY AND ALL EXISTING AND NEW COALING, FEASIBLE TO ANY PERSON OR ENTITY, INCLUDING FEDERAL, STATE OR LOCAL GOVERNMENT.	YES
AT LEAST 100 FEET FROM ANY AND ALL EXISTING AND NEW COALING, FEASIBLE TO ANY PERSON OR ENTITY, INCLUDING FEDERAL, STATE OR LOCAL GOVERNMENT.	YES
AT LEAST 100 FEET FROM ANY AND ALL EXISTING AND NEW COALING, FEASIBLE TO ANY PERSON OR ENTITY, INCLUDING FEDERAL, STATE OR LOCAL GOVERNMENT.	YES
AT LEAST 100 FEET FROM ANY AND ALL EXISTING AND NEW COALING, FEASIBLE TO ANY PERSON OR ENTITY, INCLUDING FEDERAL, STATE OR LOCAL GOVERNMENT.	YES



REVISION RECORD

NO.	DATE	DESCRIPTION
1		
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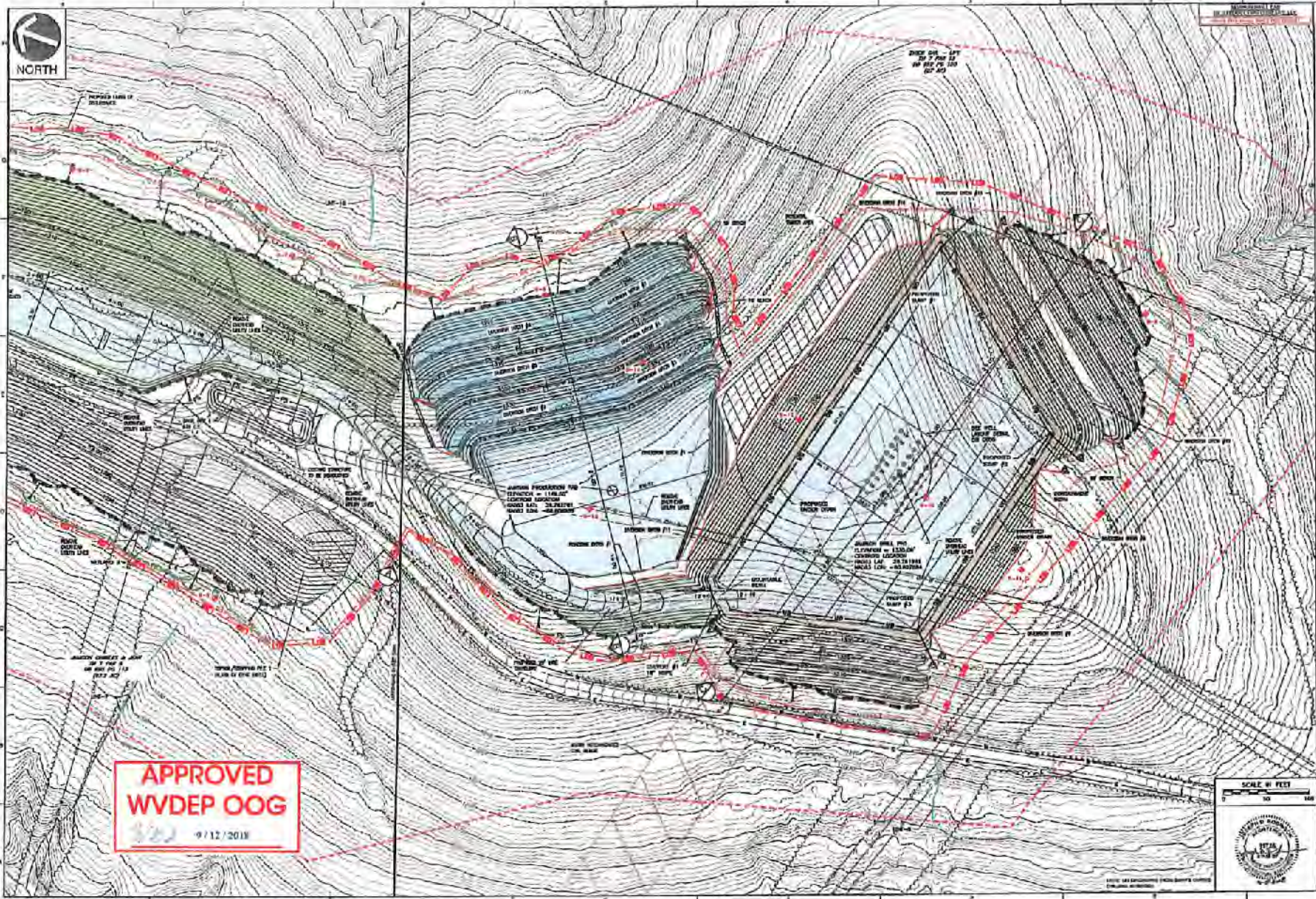
Civil & Environmental Consultants, Inc.
100 Market Street, Suite 200, Raleigh, NC 27601
PH: 919.833.0119 FAX: 919.833.0337

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

COVER SHEET

DATE: 09/12/2018
DRAWN BY: JDR
CHECKED BY: JDR
SCALE: AS SHOWN
PROJECT NO: 17740

C000



APPROVED
WVDEP OOG
9/12/2018

SCALE IN FEET
0 10 20 30 40 50 60 70 80 90 100



NO.	DATE	DESCRIPTION

CEE
Civil & Environmental Consultants, Inc.
300 Riverside Ave • Suite 200 • Morgantown, WV 26505
Ph: 304.953.3119 Fax: 304.953.0127
www.ceecorp.com

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

SITE PLAN

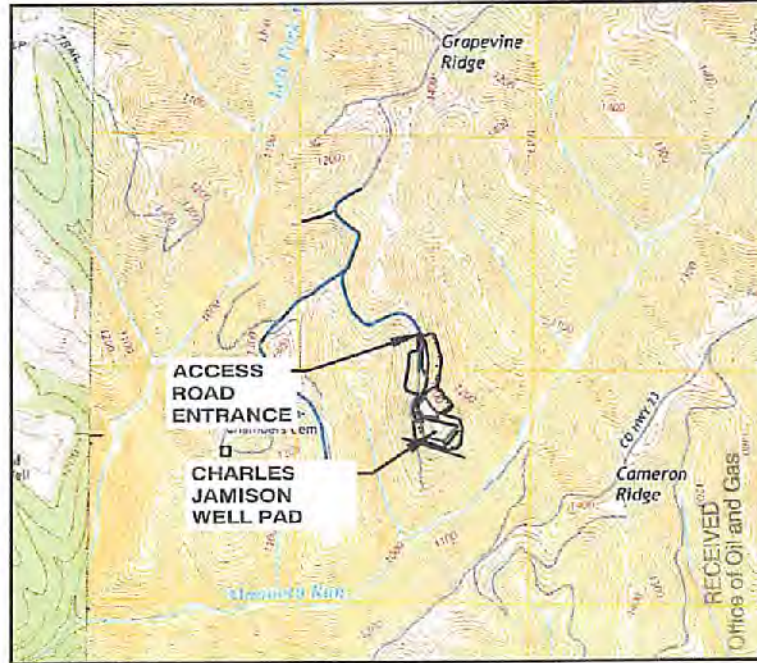
DATE	09/12/2018
DESIGNER	JAMES D. JONES
CHECKED BY	ADRIAN L. GIBSON
PROJECT NO.	18-001
SCALE	AS SHOWN

C305

SHEET INDEX

TS1	TITLE SHEET
EP2.1	EVACUATION ROUTE / PREVAILING WIND
EP2.2	EVACUATION ROUTE / PREVAILING WIND
AS3.1	AS-BUILT OVERVIEW
AS3.2	AS-BUILT
AS3.3	AS-BUILT
ASH.1	ACCESS ROAD PROFILE
MRD5.1	RECLAMATION PLAN OVERVIEW
MRD5.2	RECLAMATION PLAN
MRD5.3	RECLAMATION PLAN
MRD5.3	RECLAMATION DETAILS
MRD5.4	RECLAMATION DETAILS
MRD5.5	RECLAMATION DETAILS
MRD5.6	RECLAMATION DETAILS
MRD5.7	RECLAMATION DETAILS

JAMISON WELL PAD RECLAMATION AS-BUILT MARSHALL COUNTY, WEST VIRGINIA



SUBMITTAL & REVISION RECORD		
NO	DATE	DESCRIPTION
△		

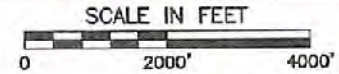
LOD	
DESCRIPTION	ACRES
ROAD DISTURBED AREA	4.34
PAD DISTURBED AREA	12.20
TOTAL	16.54

ENGINEERING ESTIMATE OF QUANTITIES		
WELL SITE PAD DATA (RECLAMATION)		
REMOVE SUMP	3	EA
BREACH BERM	3	EA
5' WIDE 6" DEEP RIP-RAP DISCHARGE CHANNELS	14	CY

WELL NAME	NAD 83 WEST VIRGINIA NORTH ZONE	
	LATITUDE	LONGITUDE
6H	39.791892	-80.607655
8H	39.791886	-80.607620
10H	39.791879	-80.607586
206H	39.791899	-80.607690
210H	39.791873	-80.607551

WELLSITE LOCATIONS	NAD 83 WEST VIRGINIA NORTH ZONE	
	LATITUDE	LONGITUDE
BEGINNING OF MAIN ACCESS ROAD	39.795520	-80.609105
MAIN ACCESS ROAD AT PAD	39.791964	-80.607535
CENTER OF PAD	39.792800	-80.608106
GATHERING AREA	39.794248	-80.608138

SUBMITTAL & REVISION RECORD		
NO	DATE	DESCRIPTION
△		
△		



PAD ID 3001168569



WEST VIRGINIA 811
CALL BEFORE YOU DIG!



C&E
Civil & Environmental Consultants, Inc.
600 Marketplace Ave · Suite 200 · Bridgeport, WV 26330
Ph: 304.933.8119 · Fax: 304.933.3327
www.cecinc.com

SOUTHWESTERN PRODUCTION COMPANY
CHARLES JAMISON WELL PAD
LIBERTY DISTRICT
MARSHALL COUNTY, WEST VIRGINIA
CHARLES JAMISON RECLAMATION AS-BUILT
TITLE SHEET

DRAWN BY: K.E.S.	CHECKED BY: REA	APPROVED BY: JDH	FIGURE NO.: TS1
DATE: MARCH 2020	DWG SCALE: AS NOTED	PROJECT NO: 170-426	

P:\2017\170-426\Draw\170-426-SW-REV-JAMISON-AS-BUILT.dwg TS1 LS-C/11/2020 - (Lahmann) - LP-3/11/2020 8:37 PM

B.S. 10-20-21

DEC 13 2021

WV Department of Environmental Protection