

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-069-00232 County OHIO District TRIADELPHIA
Quad VALLEY GROVE Pad Name _____ Field/Pool Name PANHANDLE
Farm name DOROTHY FRYE (LIFE ESTATE), AMY M FRY & CARRIE L FRYE (REMAINDERMAN) Well Number CHARLES FRYE OHI 205H
Operator (as registered with the OOG) SWN PRODUCTION COMPANY, LLC
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,433,731.340 Easting 536,076.557
Landing Point of Curve Northing 4,434,122.445 Easting 536,492.074
Bottom Hole Northing 4,436,792.562 Easting 534,942.916

Elevation (ft) 1266.9 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
SOBM

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Date permit issued 07/02/2019 Date drilling commenced 10/26/2019 Date drilling ceased 11/21/2019
Date completion activities began 02/25/2020 Date completion activities ceased 04/03/2020
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 548' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 774' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 634' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) Y

Reviewed by:
EB 7-15-20

API 47- 069 - 00232

Farm name DOROTHY FRYE (LIFE ESTATE), AMY M FRY & CARRE L FRYE (REMAINDER) Well number CHARLES FRYE OHI 205H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	24	20	126'	NEW	J-55/94#		Y
Surface	17.5	13.375	731'	NEW	J-55/54.50#	529.2'; 600.6'	Y, 16 bbls
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2,081'	NEW	J-55/36#		Y, 28 bbls
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	17,483'	NEW	P-110/20#		Y
Tubing		2.875	7,270'	NEW	P-110/6.50#		N
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	758	15.60	1.20	909.60	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	781	15.60	1.19	929.39	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4,024	15.60	1.19	4,788.56	SURFACE	24
Tubing							

Drillers TD (ft) 17,483' Loggers TD (ft) 17,483'

Deepest formation penetrated MARCELLUS SHALE Plug back to (ft) N/A

Plug back procedure N/A

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Kick off depth (ft) 5,988'

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Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

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Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING

INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: 181 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

**CHARLES FRYE OHI 205H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	1/27/2020	17,436	17,342	36
2	3/6/2020	17,306	17,127	36
3	3/6/2020	17,093	16,914	36
4	3/7/2020	16,884	16,702	36
5	3/7/2020	16,668	16,489	36
6	3/7/2020	16,456	16,277	36
7	3/8/2020	16,243	16,064	42
8	3/8/2020	16,031	15,851	36
9	3/8/2020	15,818	15,639	36
10	3/9/2020	15,610	15,426	36
11	3/9/2020	15,393	15,214	36
12	3/9/2020	15,180	15,001	36
13	3/10/2020	14,968	14,788	36
14	3/10/2020	14,755	14,576	36
15	3/10/2020	14,542	14,363	36
16	3/11/2020	14,325	14,151	36
17	3/11/2020	14,117	13,938	36
18	3/11/2020	13,905	13,726	36
19	3/12/2020	13,692	13,513	36
20	3/12/2020	13,480	13,306	36
21	3/12/2020	13,269	13,088	36
22	3/13/2020	13,054	12,875	36
23	3/13/2020	12,842	12,663	36
24	3/13/2020	12,629	12,450	36
25	3/13/2020	12,417	12,238	36
26	3/14/2020	12,204	12,024	36
27	3/14/2020	11,992	11,812	36
28	3/15/2020	11,779	11,600	36
29	3/15/2020	11,566	11,387	36
30	3/15/2020	11,354	11,175	36
31	3/15/2020	11,141	10,962	36
32	3/16/2020	10,929	10,749	36
33	3/16/2020	10,716	10,534	36
34	3/16/2020	10,503	10,324	36
35	3/17/2020	10,288	10,112	36
36	3/17/2020	10,078	9,899	36
37	3/17/2020	9,866	9,687	36
38	3/18/2020	9,653	9,474	36
39	3/18/2020	9,441	9,263	36
40	3/18/2020	9,228	9,049	36
41	3/19/2020	9,012	8,836	36
42	3/19/2020	8,803	8,624	36
43	3/19/2020	8,590	8,411	36

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CHARLES FRYE OHI 205H
ATTACHMENT 1
PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
44	3/20/2020	8,378	8,198	36
45	3/20/2020	8,165	7,983	36
46	3/21/2020	7,952	7,773	36
47	3/21/2020	7,740	7,561	36
48	3/21/2020	7,527	7,348	36
49	3/22/2020	7,315	7,136	36

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**CHARLES FRYE OHI 205H
ATTACHMENT 2
STIM REPORT**

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment	Max Breakdown	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/othe
1	2/25/2020	70	8,530	5,272	0	215,320	90,884	0
2	3/6/2020	74	7,926	5,365	4,492	412,890	11,356	0
3	3/6/2020	90	8,196	5,503	4,634	419,860	7,417	0
4	3/7/2020	84	7,765	4,246	4,758	351,960	6,841	0
5	3/7/2020	84	7,779	4,786	5,263	410,820	7,633	0
6	3/8/2020	88	8,022	4,456	4,313	410,800	7,321	0
7	3/8/2020	87	8,004	5,672	4,443	420,780	7,670	0
8	3/8/2020	80	8,122	5,503	4,507	413,540	7,663	0
9	3/8/2020	83	8,167	5,532	4,402	418,050	7,607	0
10	3/9/2020	82	8,004	5,246	5,145	412,500	7,789	0
11	3/9/2020	99	7,942	4,785	4,425	417,160	7,444	0
12	3/10/2020	97	7,991	5,756	4,420	417,640	7,533	0
13	3/10/2020	95	7,721	4,135	5,228	417,390	7,716	0
14	3/10/2020	99	7,888	5,081	4,340	414,790	7,566	0
15	3/10/2020	97	8,021	5,027	4,580	417,250	7,580	0
16	3/11/2020	96	7,638	6,110	4,578	424,880	7,662	0
17	3/11/2020	99	7,762	5,981	4,370	420,580	7,713	0
18	3/12/2020	97	8,032	5,879	4,633	416,700	7,564	0
19	3/12/2020	97	7,871	6,219	4,569	416,240	7,441	0
20	3/12/2020	95	7,774	5,188	4,513	412,070	7,390	0
21	3/12/2020	98	7,915	5,660	4,389	422,010	7,502	0
22	3/13/2020	94	7,990	5,424	4,387	414,710	7,278	0
23	3/13/2020	98	7,866	5,343	4,446	421,660	7,586	0
24	3/13/2020	98	8,099	5,214	4,401	417,160	7,429	0
25	3/14/2020	98	7,666	5,398	4,395	417,460	7,364	0
26	3/14/2020	99	7,645	5,425	4,489	416,720	7,559	0
27	3/14/2020	94	7,834	6,024	4,045	412,100	8,529	0
28	3/15/2020	93	7,650	5,466	4,364	414,540	8,710	0
29	3/15/2020	97	7,876	5,593	4,456	418,400	7,602	0
30	3/15/2020	97	7,715	5,905	4,350	415,380	7,503	0
31	3/16/2020	97	7,437	5,107	4,742	399,300	7,390	0
32	3/16/2020	98	7,503	5,570	4,568	416,430	7,299	0
33	3/16/2020	98	7,559	5,982	4,553	414,230	7,242	0
34	3/17/2020	100	7,475	6,038	4,652	416,400	7,476	0
35	3/17/2020	99	7,441	5,570	4,626	418,460	7,438	0
36	3/17/2020	99	7,243	6,025	4,370	413,620	7,448	0
37	3/18/2020	98	7,380	5,901	4,254	415,720	7,409	0
38	3/18/2020	99	7,203	5,667	4,513	409,400	7,670	0
39	3/18/2020	95	7,458	5,845	4,298	413,040	7,599	0
40	3/18/2020	100	7,102	5,891	4,802	419,880	8,109	0
41	3/19/2020	97	7,154	1,303	4,321	390,401	7,414	0
42	3/19/2020	100	7,130	6,420	4,875	404,780	6,932	0
43	3/20/2020	98	7,090	6,254	4,342	325,270	7,824	0
44	3/20/2020	99	7,145	6,242	5,036	414,640	7,075	0
45	3/21/2020	99	7,114	6,086	4,911	412,510	7,379	0
46	3/21/2020	100	6,752	6,050	4,329	414,940	6,829	0
47	3/21/2020	100	7,090	6,146	3,712	411,868	7,300	0
48	3/22/2020	100	7,230	5,620	4,988	412,530	7,158	0
49	3/22/2020	98	6,570	6,125	4,598	410,430	6,841	0

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Well Name: Charles Frye OHI 205H 47069002320000

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)	QUANTITY AND TYPE OF FLUID
Base of Fresh Water	0.00	0.00	548.00	548.00	
Top of Salt Water	774.00	774.00	NA	NA	
Pittsburgh Coal	634.00	634.00	923.00	923.00	
Pottsville (ss)	923.00	923.00	1139.00	1139.00	
Raven Cliff (ss)	1139.00	1139.00	1538.00	1538.00	
Maxton (ss)	1538.00	1538.00	1813.00	1813.00	
Big Injun (ss)	1813.00	1813.00	2424.00	2424.00	
Berea (siltstone)	2424.00	2424.00	6217.00	5877.00	
Rhinstreet (shale)	6217.00	5877.00	6554.00	6168.00	
Cashaqua (shale)	6554.00	6168.00	6646.00	6240.00	
Middlesex (shale)	6646.00	6240.00	6755.00	6320.00	
Burket (shale)	6755.00	6320.00	6788.00	6343.00	
Tully (ls)	6788.00	6343.00	6834.00	6373.00	
Mahantango (shale)	6834.00	6373.00	7066.00	6486.00	
Marcellus (shale)	7066.00	6486.00	NA	NA	GAS

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Borehole: Original Borehole	Well: Charles Frye OHI 205H	Field: WV Ohio County (NAD 83 UTM 17N)	Structure: SDC 40
Gravity & Magnetic Parameters: Model: HDGM 2019 Dip: 67.163° Date: 10-Nov-2019 MagDec: -8.312° FS: 52496.614mT Gravity FS: 999.352mgal (9.80665 Based)		Surface Location: NAD83 UTM Zone 17N, US Feet Lat: N 40 3 10.99 Northing: 14546333.577RUS Grid Conv: 0.2722° Lon: W 80 34 37.31 Easting: 1758777.847RUS Scale Fact: 0.99961602	
Miscellaneous: Charles Frye OHI 205H Plan: Southwestern Energy Charles Frye OHI 205H Rev 2 AJO 19Nov19		TVD Ref: KB(192.8ft above MSL)	

Seq	Survey Tool	Vendor/Tool	Rate Size (ft)	CSDB Size (ft)	Expended Meas (ft)	MD From (ft)	MD To (ft)	Survey Frequency (Hz)	ESU Size (ft)	ESU Size (ft)	Comments
1	NAL_MAGNADON_SLS-Depth Only		30	30	0	26	Asm Sls	1.262	1.262		
2	NAL_MAGNADON_SLS		30	30	26	8871	Asm Sls	48.373	18.812		
3	NAL_MAGNADON_SLS		30	30	8871	17544.488	11502	359.824	38.771		

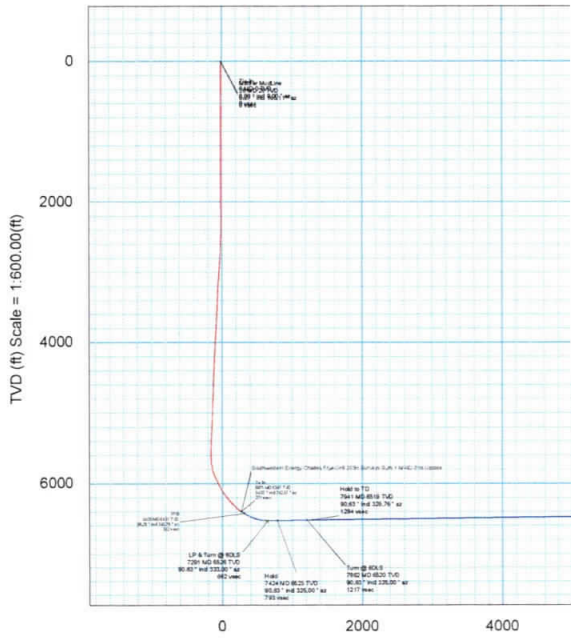
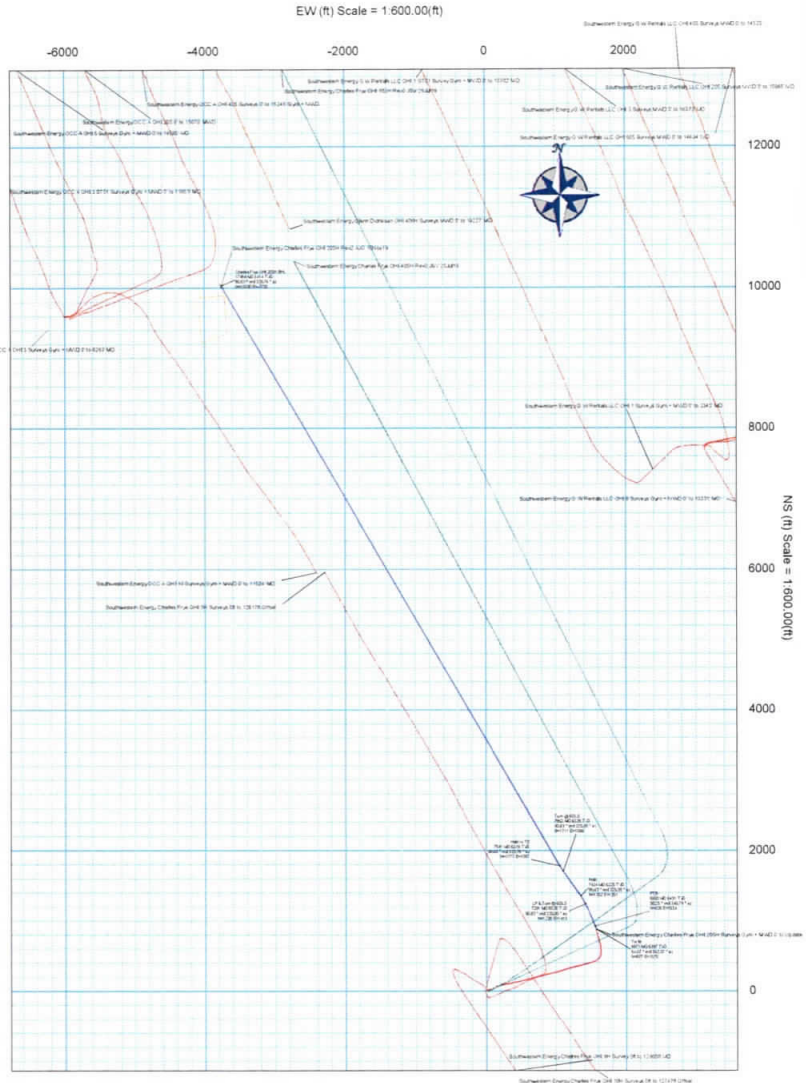
Critical Point	MD	INCL	AZM	TVD	VSEC	Nyr(B)	EPY(M)	DLR
SPCL	8871.00	54.07	342.37	8396.88	271.02	877.23	1973.31	
SP19	8983.00	54.26	346.78	8491.20	322.47	838.11	1854.11	7.18
LP & Turn @ KOL5	7265.50	85.43	335.00	4536.30	641.85	1267.74	1419.12	6.26
Turn	7423.91	85.43	335.00	4624.84	762.84	1365.02	1365.00	0.00
Turn @ KOL5	7981.91	85.43	335.00	4919.72	1216.76	1715.86	1368.30	0.00
Point TD	7981.24	85.43	328.78	4918.85	1284.24	1777.48	1358.58	0.00
Charles Frye OHI 205H SPCL	17544.49	85.43	329.78	8414.30	1079.81	1806.05	-2754.78	0.00



Grid
True
Mag

Grid North
Tot Corr (M->G -8.584°)
Mag Dec (-8.312°)
Grid Conv (0.272°)

Surface Location		UTM Coordinates		VSEC		LITHO	
Northing	Easting	Latitude	Longitude	VSEC	VSEC	LI	LI
14546333.571	1758777.826	N 40 3 10.99	W 80 34 37.31	1368.81	236.48		



Vertical Section (ft) Azim = 339.48° Scale = 1:600.00(ft) Origin = 0N/-S, 0E/-W

CONTROLLED

SWN
Date: 08/08/2019
Drawn By: J. Jones
Copy Number: 1

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/25/2020
Job End Date:	3/22/2020
State:	West Virginia
County:	Ohio
API Number:	47-069-00232-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	CHALRES FRYE OHI 205
Latitude:	40.05305300
Longitude:	-80.57703200
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,466
Total Base Water Volume (gal):	19,022,378
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Plexaid 655WG	SWN Well Services	Scale Inhibitor					
				Listed Below			
	SWN Well Services	Proppant					
				Listed Below			

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					93-83-4	1.50000	0.00123	
					68551-12-2	1.50000	0.00123	
					64-19-7	37.50000	0.00074	
					15827-60-8	10.00000	0.00047	
					67-56-1	80.00000	0.00045	
					77-92-9	22.50000	0.00044	
					397256-50-7	1.00000	0.00022	
					68951-67-7	9.67400	0.00005	
					61790-12-3	5.02700	0.00003	
					68527-49-1	4.74600	0.00003	
					127-08-2	0.02200	0.00000	
					50-00-0	0.00400	0.00000	

* Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

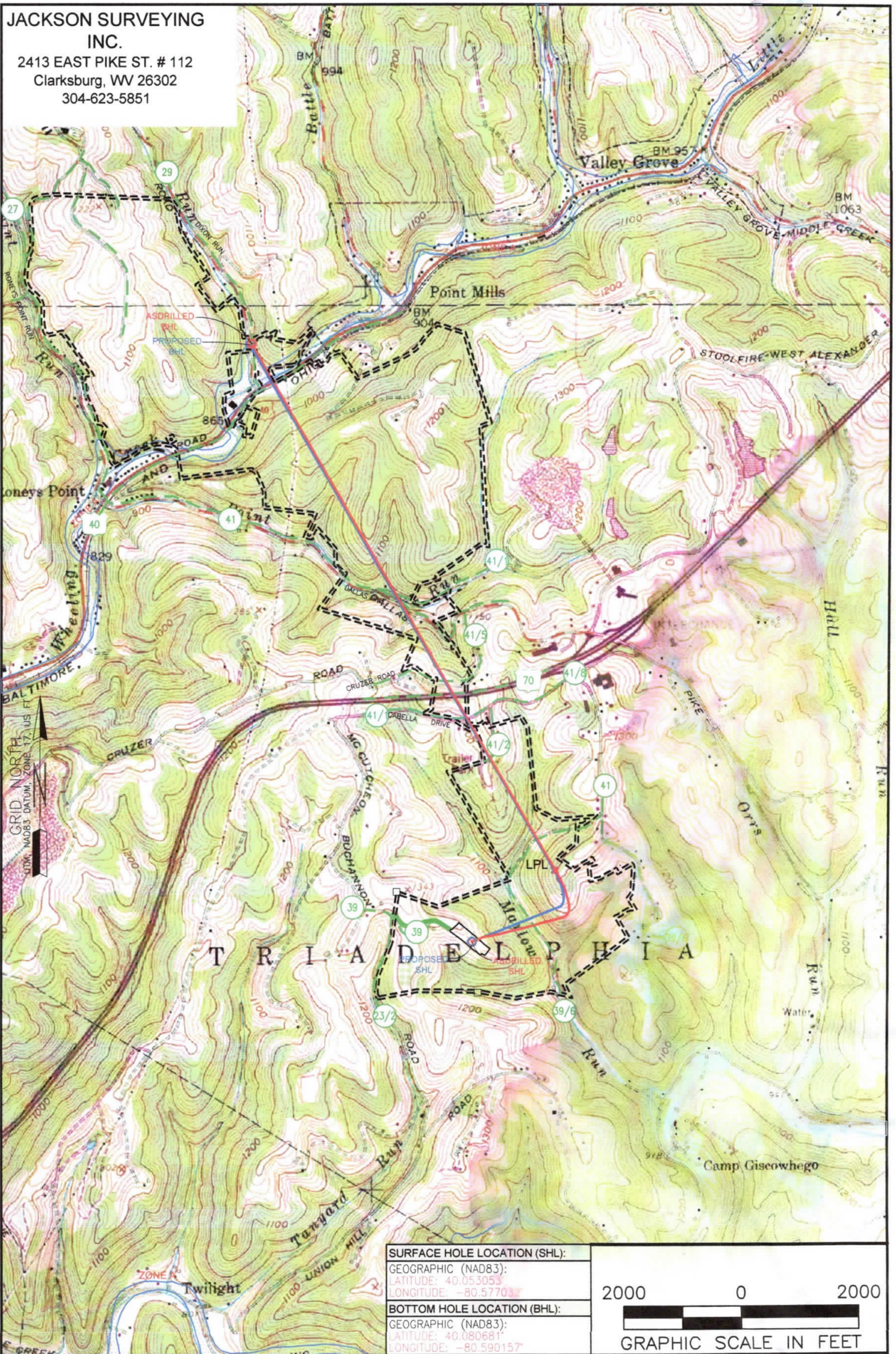
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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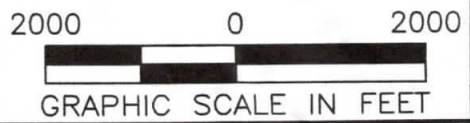
JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.053053
LONGITUDE: -80.577037
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.080681
LONGITUDE: -80.590157



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
- ⊙ EXISTING WATER WELL
- ⊙ EXISTING SPRING
- SURVEYED BOUNDARY
- DRILLING UNIT
- == LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CHARLES FRYE OHI	WELL # 205H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200, MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; TRIADELPHIA	
SURFACE OWNER: DOROTHY V. FRYE	USGS 7 1/2 QUADRANGLE MAP NAME VALLEY GROVE, WV	API #	47-069-00232

(SHL) Latitude: 40°05'00"

SURFACE HOLE 9896'

(BHL) Latitude: 40°05'00" BOTTOM HOLE

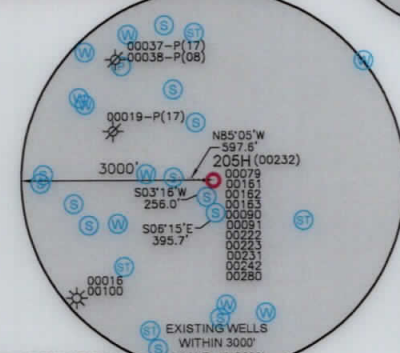
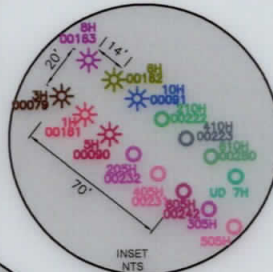
1909'

JACKSON SURVEYING INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 56°41'28" W	1520.05'	SHL TO LANDMARK	CNR FENCE POST
L2	S 06°38'56" E	866.26'	SHL TO LANDMARK	LARGE STONE
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 46°44'00" E	1872.14'	2,575.25'	SHL TO LPL

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,433,731.297
EASTING: 536,076.579
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,434,098.493
EASTING: 536,499.816
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,436,787.325
EASTING: 534,932.547
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,433,731.340
EASTING: 536,076.557
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,434,122.445
EASTING: 536,492.074
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,436,792.562
EASTING: 534,942.916



WELL RESTRICTIONS

- NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
- NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
- NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

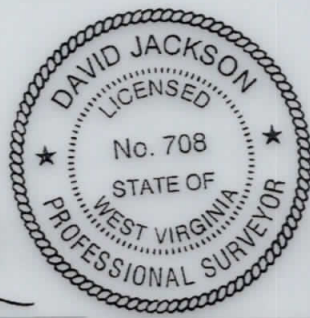
NOTES ON SURVEY

- 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.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- 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. 708

David L Jackson



2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

OPERATOR'S WELL #:	CHARLES FRYE OHI 205H		
API WELL #:	47	069	00232
	STATE	COUNTY	PERMIT

(+) 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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: MARLOW RUN OF MIDDLE WHEELING CREEK OF WHEELING CREEK (HUC-10) ELEVATION: 1266.9'

DISTRICT: TRIADELPHIA COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV

SURFACE OWNER: DOROTHY FRYE (LIFE ESTATE), AMY M. FRYE & CARRIE L. FRYE (REMAINDERMAN) ACREAGE: ±105.00

OIL & GAS ROYALTY OWNER: DOROTHY V. FRYE ACREAGE: ±105.00

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) AS-DRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,225 TVD 17,483 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200

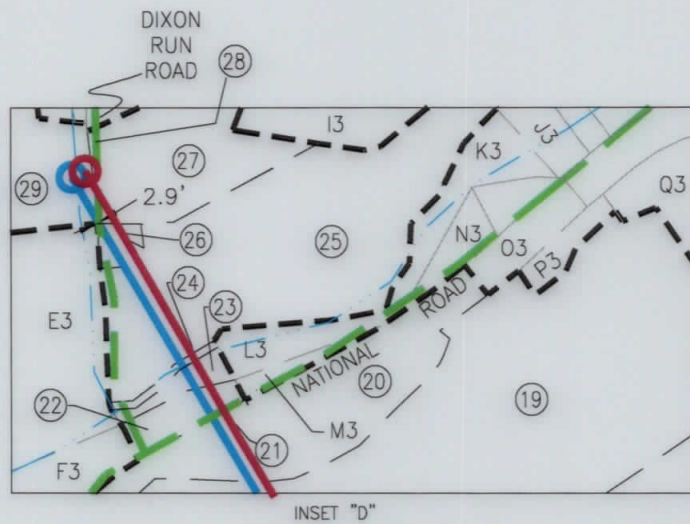
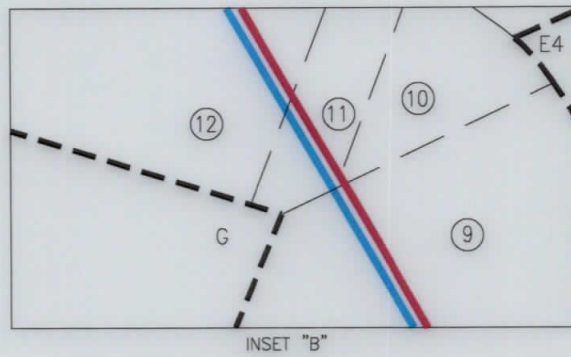
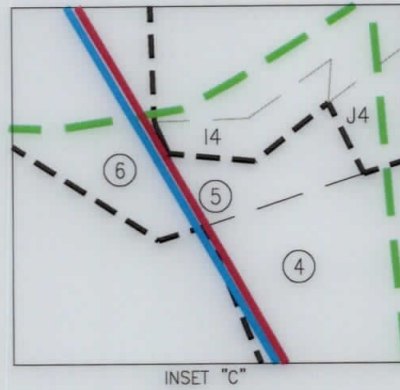
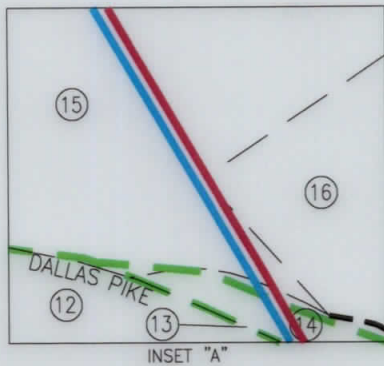
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508



LEGEND:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 06-23-2020
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	— LEASE BOUNDARY		
LPL ⊙ LANDING POINT LOCATION	— ASDRILLED PATH		
⊙ EXISTING WATER WELL	— PROPOSED PATH		
⊙ EXISTING SPRING			
			DRAWN BY: N. MANO
			SCALE: 1" = 2000'
			DRAWING NO:
			WELL LOCATION PLAT

JACKSON SURVEYING

INC.

2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851



REVISIONS:	COMPANY:		 	
	OPERATOR'S	CHARLES FRYE OHI	API #:	DATE: 06-23-2020
	WELL #:	205H	47-069-00232	DRAWN BY: N. MANO
	DISTRICT:	TRIADDELPHIA	COUNTY:	OHIO
			STATE:	WV
				SCALE: N/A
				DRAWING NO:
				WELL LOCATION PLAT 2

**JACKSON SURVEYING
INC.**
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	DOROTHY V. FRYE (LIFE ESTATE), AMY M. FRYE & CORRIE L. FRYE (REMAINDERMEN) (S)/ DOROTHY V. FRYE (R)	06-T14-01
TRACT	SURFACE OWNER	TAX PARCEL
2	GEORGE L. DUNN & NANCY M. DUNN(LIFE), POSEY, DUNN, HAND & KERCHER (S)	06-T9-20
3	SARAH ANN PORTER (S)	06-T9-20.44
4	DALLAS PIKE CAMPGROUND, L.L.C. (S)	06-T9-16
5	MICHAEL J. JOHNSON (S)	06-T9-15.6
6	WARREN ALLEN GRIFFITH & SHARON MAE GRIFFITH (S)	06-T9-15.3
7	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	1-70
8	JAMIE RIGGLE, F/K/A JAMIE DENHAM (S)	06-T9-10
9	JOHN E. STANTON & DIANE M. STANTON (S)	06-T8-28
10	LARRY J. DONATO (S)	06-T8-23.1
11	LARRY J. DONATO (S)	06-T8-23
12	LINDA STOCK CLARK, A/K/A LINDA LEE CLARK (S)	06-T8-21
13	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	WV COUNTY RT. 41 (DALLAS PIKE)
14	KENNETH M. PARKER (S)	06-T8-22
15	BRIAN NEAL MILAN, JOEL GEORGE MCFARLAND, & DON EARL MCFARLAND (S)	06-T8-12
16	BRIAN NEAL MILAN, JOEL GEORGE MCFARLAND, & DON EARL MCFARLAND (S)	06-T8-13
17	KEVIN S. KOSEM & BRENDA A. KOSEM (S)	06-T3-27
18	STEPHEN J. GRETCHEN & THERESA L. GRETCHEN (S)	06-T8-11
19	MELODY E. GARRISON; ALBERT W. BOND (S)	06-T3-20
20	MELODY E. GARRISON (S)	06-T3-33
21	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	NATIONAL ROAD
22	JEFF HOCKENBERRY (S)	06-T3-17
23	JEFF HOCKENBERRY (S)	06-T3-15.5
24	GERALD T. MOORE & ANNA M. MOORE (S)	06-T3-15.4
25	GERALD T. MOORE & ANNA M. MOORE (S)	06-T3-15
26	GERALD T. MOORE & ANNA M. MOORE (S)	06-T3-14.1
27	GERALD T. MOORE & ANNA M. MOORE (S)	06-T3-14
28	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	DIXON RUN ROAD
29	BOARD OF COMMISSION OF OHIO COUNTY (S)	03-L13-03

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	KENNETH W. CRAIG & LINDA CRAIG, LEWIS B. CRAIG (LE) & VIRGINIA A. CRAIG (LE)	06-T8-53
B	AB HOLDING DE, LLC	06-T8-47
C	DALLAS PIKE CAMPGROUND, LLC	06-T8-47.10
D	JOHN HENRY STANTON & MARTHA STANTON	06-T8-29
E	OHIO COUNTY DEVELOPMENT AUTHORITY	06-T8-67
F	RALPH L. HOSKINS & MICHAEL E. HOSKINS	06-T8-28.1
G	KAREN M. NOLL, MARK A. HOHMAN, JEFFREY J. HOHMAN, CHRISTINE M. MINCH, AMY J. TORRES, BARBARA J. ELCHENLAUB, SUSAN K. SHARP, DAVID H. HOHMAN, TIMOTHY P. TEUFEL & HARRY A. HOHMAN TRUST AGREEMENT, UNDER AGREEMENT DATED THE 25TH DAY OF JUNE, 2014, WITH DAVID H. HOHMAN TRUSTEE	06-T8-27
H	GARY S. BOBES & JILL A. BOBES	06-T8-20.3
I	H3, LLC	06-T8-20.2
J	RACHEL WIECHMAN, AMY MARTINI, JOHN WIECHMAN, ROBERT WIECHMAN, STEVEN WIECHMAN, RANDY WIECHMAN & GARY WIECHMAN	06-T8-11.1
K	GARY S. BOBES & JILL A. BOBES	06-T8-20.3
L	KENNETH L. MURPHY & R.L. MURPHY	06-T8-10
M	UNITED PRESBYTERIAN CHURCH (TRUSTEES)	06-T8-09
N	DOUGLAS SHUMAN	06-T3-19
O	JANIE K. KUHENS	06-T3-34
P	SUPERIOR INDUSTRIAL LAUNDRIES, INC.	06-T30-26
Q	BOARD OF COMMISSION OF OHIO CO.	3-L13-3
R	PAULA C. STEPHAN & ORION E. STEPHAN	06-T30-24
S	LOGAN J. FISHER	06-T30-24
T	ROBERT B. CLARK & EVELYN M. CLARK	06-T30-23
U	KAREN L. HARRIGAN	06-T30-22
V	PHK, LLC	06-T30-21
W	TAMMY M. HAMMONS	06-T30-20
X	EDDIE L. MCDANIELS & TRACY L. MCDANIELS	06-T30-19
Y	JUSTIN S. MARSH & ASHLEY FONNER	06-T30-18.1
Z	HOLLY M. FLACK	06-T30-18
A2	BARBARA ANN MCKENNA (LIFE); JOSEPH A. MCKENNA, III (REMAINDERMAN)	06-T30-17
B2	BOARD OF COMM. OHIO CO.	06-T30-13
C2	KENNETH L. NELSON	06-T30-10
D2	CINDY M. HUNTER	06-T30-11.1
E2	CINDY M. HUNTER	06-T30-11
F2	CINDY MARIE HUNTER	06-T30-12
G2	RANDY & BRENDA HANNING	06-T3-5.2
H2	RANDY DALE & BRENDA JOYCE HANNING	06-T3-5.1
I2	BOARD OF COMMISSIONERS	06-T3-10
J2	BARBARA A. SHORES	06-T3-09
K2	JAMES R. HUGHES & DARLA J. HUGHES	06-T3-08
L2	TRACY E. KETRON & JOHN P. KETRON	06-T3-07
M2	ALFRED DERR, JR	06-T3-06
N2	TIMMY B. MINCH & AMY LYNN MINCH	06-T3-05
O2	CARL J. SHELLER	03-L13-24
P2	BOARD OF COMM. OHIO CO.	03-L13-3.1
Q2	KIMBERLY STEVENSON, JAMES STEVENSON, BRENDA STEVENSON DELGADO	03-L13-6.1
R2	TYSON L. LOVERIDGE & VANESSA LOVERIDGE	03-L13-6
S2	TYSON L. LOVERIDGE & VANESSA LOVERIDGE	03-L13-6.4
T2	JAMES E. WHEELER, III & CHRISTINE WHEELER	03-L13-8.2
U2	JAMES E. WHEELER, JR. & B.J. WHEELER	03-L13-09
V2	JAMES E. WHEELER, JR. & B.J. WHEELER	03-L13-10
W2	JOLLY W. WHEELER, SR. & SARAH JANE WHEELER (LIFE)	03-L13-12.3
X2	STEVEN P. SHEARER	03-L13-12.1
Y2	JAMES C. KNIGHT & D.L. KNIGHT	03-L13-13
Z2	GARY L. DEMERSKI & MARY C. DEMERSKI	03-L13-14
A3	KEITH E. BARON & C.J. BARON	03-L13-15
B3	HARRY E. HOLMAN & C.L. HOLMAN	06-T3-12
C3	HARRY E. HOLMAN & CHERYL L. HOLMAN	06-T3-11

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
D3	CHERYL L. HOLMAN & H.E. HOLMAN	06-T3-13
E3	OHIO COUNTY COMMISSION	06-T3-28
F3	JDS INVESTMENTS, LLC	06-T3-16
G3	GERALD T. MOORE	06-T3-20.2
H3	GERALD T. MOORE & ANNA M. MOORE	06-T3-20.3
I3	GERALD T. MOORE & ANNA M. MOORE	06-T3-15.3
J3	CAROL G. TEMPLIN	08-VG10-14.1
K3	AMC, INC.	06-T3-15.1
L3	WHEELING POWER COMPANY	06-T3-15.2
M3	WHEELING POWER COMPANY	06-T3-17.1
N3	CAROL G. TEMPLIN	06-T3-18
O3	MELODY E. GARRISON	06-T3-33.1
P3	CAROL G. TEMPLIN	06-T3-20.1
Q3	ROBERT W. MCCORD JR. & DIANNA L. MCCORD	06-T3-21
R3	LAURA R. BERNIER	06-T3-24
S3	RUTH R. HALL	06-T3-25
T3	WILMA E. BROCK & ROBERT A. BROCK	06-T3-26.1
U3	RICHARD HENRY & REBECCA HENRY	06-T3-26
V3	JAMES K. GIBSON	03-L14-01
W3	DONALD C. SINCLAIR & BETTY SINCLAIR	03-L14-01.1
X3	WINDMILL TRUCKERS CENTER INC.	03-T9-04
Y3	RANDAL ALAN HOWARD	06-T8-16
Z3	MARY F. STONE	06-T8-15.1
A4	JOEL P. ORTH	06-T8-15
B4	DONNA LEE ROBERSON	06-T8-14
C4	EARL THOMAS BEABOUT, SR. & ANN ELIZABETH BEABOUT	06-T9-1.2
D4	ALLEN L. GELLNER & D.M. GELLNER	06-T9-01
E4	ALICIA COAD & BRENT NIXON	06-T9-08
F4	MARGARET TUSTIN GREENWALD KLUG	06-T9-09
G4	EDWARD D. GARRISON	06-T9-11
H4	FREDERICK H. TUSTIN	06-T9-15.1
I4	MICHAEL J. JOHNSON & ELIZA J. JOHNSON	06-T9-59
J4	MICHAEL J. JOHNSON	06-T9-15.2
K4	DALLAS PIKE CAMPGROUND INC.	06-T9-15
L4	LINDA M. ORR & ROBERT BRADY ORR	06-T9-13
M4	CHEROKEE TRADING POST, INC.	06-T9-17.7
N4	CHEROKEE TRADING POST, INC.	06-T9-17.6
O4	DOROTHY MAE SAMPSON	06-T9-17
P4	BRIAN D. DOLENCE & DONNA J. DOLENCE	06-T9-17.1
Q4	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.22
R4	JOSHUA R. BOYD & AMY M. BOYD	06-T9-20.18
S4	PHILLIP MARQUART & KERSTEN MARQUART	06-T9-20.45
T4	SARAH ANN PORTER	06-T9-20.41
U4	NANCY DUNN	06-T9-20.2
V4	CHRISTOPHER R. DUNN & TANAKA H. DUNN	06-T9-20.46
W4	GEORGE L. DUNN & NANCY M. DUNN (LIFE), KATHERINE A. POSEY, CHRISTOPHER DUNN, RHONDA L. HAND & CONSTANCE L. KERCHER	06-T9-20.50
X4	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE	06-T9-20.30
Y4	JAMES L. ABERCROMBIE & DIANA L. ABERCROMBIE	06-T9-20.29
Z4	DONNA L. HOLMAN-ALOE	06-T9-20.23
A5	MICHAEL J. WHEELER	06-T9-20.31
B5	MICHAEL J. WHEELER	06-T9-20.26
C5	MICHAEL J. WHEELER	06-T9-20.37
D5	BRENT A. HILL & PATTY J. HILL	06-T9-20.47
E5	BRENT A. HILL & PATTY J. HILL	06-T9-20.32
F5	DONALD W. PEGG & JANICE L. PEGG	06-T9-20.1
G5	GARY FLANEGIN	06-T9-20.20
H5	MICHAEL W. NASH & CECELIA J. NASH	06-T9-20.19
I5	LISA A. OLIVER	06-T9-20.21
J5	JEFFERY D. MCKENZIE & F.M. MCKENZIE	06-T14-12
K5	MATTHEW J. CROFT & SADIE L. CROFT	06-T14-6.1
L5	ZACHARY ALLAN MEYER	06-T14-02
M5	DEBORAH ANN CRAIG & SETH COLLIN CRAIG	06-T13-16
N5	HEATHER L. BISE	06-T8-53.1

REVISIONS:	COMPANY:	SWN Production Company, LLC		SWN Production Company™	
	OPERATOR'S	CHARLES FRYE OHI		API #:	DATE: 06-23-2020
	WELL #:	205H		47-069-00232	DRAWN BY: N. MANO
	DISTRICT:	COUNTY:	STATE:	SCALE:	DRAWING NO:
	TRIADELPHIA	OHIO	WV	N/A	
					WELL LOCATION PLAT 3