

SEP 05 2024

WR-35
Rev. 10/19/13

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

WV Department of
Environmental Protection

API 47069003660000 County OHIO District LIBERTY
 Quad VALLEY GROVI Pad Name WILLIAM RODGERS-OHI-PAD1 Field/Pool Name PANHANDLE FIELD - WET
 Farm Name DOUGLAS W RODGERS Well Number WILLIAM RODGERS OHI 10H
 Operator (as registered with the OOG) SWN Production Company LLC
 Address PO Box 12359 City Spring State TX
 Zip 77391-2359

As Drilled Location NAD83/UTM Attach an as-drilled plat, profile view, and deviation survey

	Top Hole	Northing	<u>4,439,730.38</u>	Easting	<u>539,864.59</u>
Landing Point of Curve		Northing	<u>4,439,771.46</u>	Easting	<u>540,366.20</u>
	Bottom Hole	Northing	<u>4,436,509.77</u>	Easting	<u>541,488.42</u>

Elevation (ft) 1,279.3' GL Type of Well Existing New Type of Report Interim Final

Permit Type Deviate Horizontal Horizontal 6A Vertical Depth Type Deep Shallow

Type of Operation Convert Deepen Drill Plug Back Redrill Re-Work 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

See attached Mud Summary Report

Date permit issued 2024-02-12 Date drilling commenced 2024-05-02 Date drilling ceased 2024-05-12

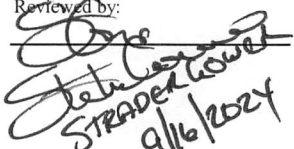
Date Completion activities began 2024-06-24 Date Completion activities ceased 2024-07-19

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	<u>309'</u>	Oprn mine(s) (Y/N) depths	<u></u>
Salt water depth(s) ft	<u>1188'</u>	Void(s) encountered (Y/N) depths	<u>N</u>
Coal depth(s) ft	<u>674'</u>	Cavern(s) encountered (Y/N) depth	<u>N</u>
Is coal being mined in area (Y/N)	<u>N</u>		

APPROVED

Reviewed by:

 STRADER
 9/16/2024

10/25/2024

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WR-35
Rev. 8/23/13

API 47069003660000

Farm name DOUGLAS W RODGERS WV Department of Environmental Protection

Well number WILLIAM RODGERS OHI 10H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Wt lb/ft	Grade	Basket Depth	Did cement circulate (Y/N) *Provide details below*
Conductor	24.000	20.000	136	NEW	94.00	J-55		Y
Surface	17.500	13.375	386	NEW	54.50	J-55	N/A	Y/ 23 BBLS
Coal	SEE INTERMED			NEW				
Intermediate 1	12.250	9.625	2130	NEW	36.00	J-55		Y/ 40 BLS
Intermediate 2								
Intermediate 3								
Production	8.500	5.500	18633	NEW	20.00	P-110 HP		Y/ 23 BBLS
Tubing		2.875	7211	NEW	6.50	P-110		N
Packer type and depth set								

Comment Details: _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft3/sks)	Volume (ft2)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	387	15.6	1.19	460.53	SURFACE	8
Coal	SEE INTERMED						
Intermediate 1	CLASS A	905	15.6	1.18	1067.9	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3754	15.6	1.21	4542.34	SURFACE	24
Tubing							

Drillers TD (ft) 18633

Loggers TD (ft) 18633

Deepest formation penetrated MARCELLUS

Plug back to (ft) 18547

Plug back procedure N/A

Kick off depth (ft 6085' MD) _____

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

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING:

SURFACE: **5** CENTRALIZERS - EVERY THIRD JOINT OF CASING

INTERMEDIATE: **26** CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: **370** 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 AS OPEN HOLE Yes No Details _____

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

10/25/2024

Survey Type: DefinitiveSurvey

Survey Error Model: ISCWSA0 3 - D 95 % Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Expected Max Inclination (deg)	Survey Tool Code	Vendor / Tool	Borehole / Survey
	1	0,000	18,633,000	Act Stns		A008Mb_MWD+IFR1+MS		William Rodgers OH# 10H / Southwestern Energy William Rodgers OH# 10H Surveys Off to 18633ft MD

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
386,000	17,500	13,375	
2,059,000	12,250	9,625	
5,171,000	8,750	5,500	
18,633,000	8,500	5,500	

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Well Name: William Rodgers OHI 10H

47069003660000

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	309.00	309.00	
Top of Salt Water	1188.00	1182.00	NA	NA	
Pittsburgh Coal	674.00	674.00	679.00	679.00	
Pottsville (ss)	802.00	802.00	947.00	947.00	
Raven Cliff (ss)	1165.00	1164.00	1418.00	1414.00	
Maxton (ss)	1586.00	1576.00	1721.00	1706.00	
Berea (siltstone)	2348.00	2303.00	2452.00	2403.00	
Rhinestreet (shale)	6108.00	5885.00	6412.00	6170.00	
Cashaqua (shale)	6412.00	6170.00	6498.00	6245.00	
Middlesex (shale)	6498.00	6245.00	6585.00	6314.00	
Burket (shale)	6606.00	6330.00	6635.00	6352.00	
Tully (ls)	6635.00	6352.00	6683.00	6385.00	
Mahantango (shale)	6683.00	6385.00	6906.00	6501.00	
Marcellus (shale)	6906.00	6501.00	NA	NA	GAS

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WILLIAM RODGERS OHI 10H
ATTACHMENT 1
PERF REPORT

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STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	6/18/2024	18,547	18,455	36
2	6/24/2024	18,421	18,241	36
3	6/24/2024	18,208	18,028	36
4	6/25/2024	17,995	17,815	36
5	6/25/2024	17,782	17,602	36
6	6/25/2024	17,568	17,389	36
7	6/26/2024	17,355	17,176	36
8	6/26/2024	17,142	16,963	36
9	6/26/2024	16,929	16,749	36
10	6/27/2024	16,716	16,536	36
11	6/27/2024	16,503	16,323	36
12	6/27/2024	16,290	16,110	36
13	6/27/2024	16,077	15,897	36
14	6/28/2024	15,863	15,684	36
15	6/28/2024	15,650	15,471	36
16	6/28/2024	15,437	15,258	36
17	6/28/2024	15,224	15,044	36
18	6/29/2024	15,011	14,831	36
19	6/29/2024	14,798	14,618	36
20	6/29/2024	14,585	14,405	36
21	6/29/2024	14,371	14,192	72
22	6/30/2024	14,158	13,979	72
23	6/30/2024	13,945	13,766	36
24	7/1/2024	13,732	13,552	36
25	7/1/2024	13,519	13,339	36
26	7/1/2024	13,306	13,126	36
27	7/1/2024	13,093	12,913	36
28	7/1/2024	12,880	12,700	36
29	7/2/2024	12,666	12,487	36
30	7/2/2024	12,453	12,274	36
31	7/2/2024	12,240	12,061	36
32	7/2/2024	12,027	11,847	36
33	7/2/2024	11,814	11,634	36
34	7/2/2024	11,601	11,421	36
35	7/3/2024	11,388	11,208	36
36	7/3/2024	11,175	10,995	36
37	7/3/2024	10,961	10,782	36
38	7/4/2024	10,748	10,569	36
39	7/4/2024	10,535	10,356	36
41	7/4/2024	10,109	9,929	72
42	7/5/2024	9,896	9,716	36
43	7/5/2024	9,683	9,503	36

10/25/2024

WILLIAM RODGERS OHI 10H
ATTACHMENT 1
PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
44	7/5/2024	9,469	9,290	36
45	7/6/2024	9,256	9,077	36
46	7/6/2024	9,043	8,864	36
47	6/29/2024	8,830	8,650	36
48	7/6/2024	8,617	8,437	36
49	7/7/2024	8,404	8,224	36
50	7/7/2024	8,191	8,011	36
51	7/7/2024	7,978	7,798	36
52	7/8/2024	7,764	7,585	36
53	7/8/2024	7,551	7,372	36
54	7/8/2024	7,338	7,159	36

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WILLIAM RODGERS OHI 10H
ATTACHMENT 2
STIM REPORT

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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/othr
1	6/24/2024	70.7	6,247	6,550	4,035	371,420	7,991	0
2	6/24/2024	98.3	9,435	6,473	4,506	372,420	10,923	0
3	6/25/2024	98	5,727	6,711	4,248	374,950	10,883	0
4	6/25/2024	76.6	7,133	6,680	4,920	378,350	10,209	0
5	6/25/2024	85.2	8,080	6,580	4,760	372,820	11,328	0
6	6/26/2024	66.7	6,399	6,114	4,745	356,270	9,967	0
7	6/26/2024	98.2	9,086	6,700	5,300	375,530	10,163	0
8	6/26/2024	97.4	9,057	7,016	5,170	370,260	10,210	0
9	6/26/2024	98.2	9,205	6,429	4,487	375,360	10,331	0
10	6/27/2024	98.5	9,166	6,513	5,000	371,050	10,123	0
11	6/27/2024	98	8,958	6,690	5,305	364,320	9,949	0
12	6/27/2024	96.8	9,107	6,499	4,491	389,850	10,194	0
13	6/28/2024	97	9,224	6,508	4,505	375,020	9,959	0
14	6/28/2024	70.5	6,583	7,135	4,920	373,460	8,309	0
15	6/28/2024	98.4	9,050	6,486	4,565	373,630	8,350	0
16	6/28/2024	97.3	9,023	6,339	4,699	373,090	7,650	0
17	6/29/2024	97.3	9,304	618	4,775	370,160	7,665	0
18	6/29/2024	97.9	9,258	6,630	5,100	375,160	7,682	0
19	6/29/2024	71.5	8,906	6,050	5,236	373,920	7,790	0
20	6/29/2024	97.5	9,443	6,681	4,497	372,800	7,567	0
21	6/29/2024	59.5	6,275	6,510	5,125	380,710	10,379	0
22	6/30/2024	93	6,293	6,290	4,705	379,660	10,862	0
23	6/30/2024	94.2	8,949	6,249	4,495	371,440	7,381	0
24	7/1/2024	95.3	8,475	6,115	4,415	381,950	7,974	0
25	7/1/2024	98.3	8,641	6,140	5,000	376,650	7,386	0
26	7/1/2024	98.8	8,560	6,390	5,139	375,470	7,258	0
27	7/1/2024	95	6,609	6,370	4,321	375,150	7,451	0
28	7/1/2024	96.1	8,526	6,195	4,656	368,130	7,982	0
29	7/2/2024	97	6,972	6,155	4,456	355,170	7,951	0
30	7/2/2024	98.3	8,291	6,280	5,100	354,460	6,904	0
31	7/2/2024	98.9	8,315	6,200	5,630	376,560	7,155	0
32	7/2/2024	98	8,301	6,226	5,403	381,920	7,695	0
33	7/2/2024	97	6,693	6,192	4,730	383,520	7,436	0
34	7/3/2024	93	6,113	6,671	4,598	372,780	7,275	0
35	7/3/2024	68.6	5,768	6,112	5,225	381,720	7,759	0
36	7/3/2024	70	5,618	6,371	4,971	376,390	7,771	0
37	7/3/2024	95.4	7,895	6,066	4,569	373,350	7,786	0
38	7/4/2024	91.5	7,508	5,899	4,544	386,450	7,499	0
39	7/4/2024	69.4	5,680	5,865	4,851	378,560	7,722	0
41	7/5/2024	89.5	7,551	5,874	4,747	375,170	10,406	0
42	7/5/2024	88.5	7,854	6,101	4,825	379,870	7,533	0
43	7/5/2024	63.3	5,890	7,141	4,875	373,000	7,822	0
44	7/5/2024	82.5	7,243	6,539	4,628	379,650	7,535	0
45	7/6/2024	80	6,979	5,878	4,774	376,900	7,312	0
46	7/6/2024	63.8	5,007	6,042	5,116	382,188	7,963	0
47	7/6/2024	93.9	7,238	5,680	4,541	383,500	7,514	0
48	7/7/2024	85.2	6,835	3,100	4,572	375,450	7,588	0
49	7/7/2024	66.8	5,280	6,235	4,637	378,510	7,692	0
50	7/7/2024	90.5	7,055	5,486	4,853	384,150	7,717	0
51	7/8/2024	82.9	6,795	5,831	4,699	378,700	7,370	0
52	7/8/2024	61.7	4,941	6,496	4,820	378,950	7,423	0
53	7/8/2024	98.6	7,285	5,807	4,800	373,110	7,457	0
54	7/8/2024	99.2	7,277	6,220	4,629	376,340	7,527	0

10/25/2024

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	06/24/2024
Job End Date:	07/08/2024
State:	West Virginia
County:	Ohio
API Number:	47-069-00366-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	WILLIAM RODGERS OHI 10H
Latitude:	40.106929
Longitude:	-80.53225
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6692
Total Base Water Volume (gal)*:	18642176
Total Base Non Water Volume:	101362



Water Source	Percent
Surface Water, < 1000TDS	91.90%
Produced Water	8.10%

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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
Base Water	Operator	Base fluid					
Ferriplex 80	SWN Well Services	Iron Control					
FSTI-CI-02	SWN Well Services	Corrosion Inhibitor					
HCL	SWN Well Services	Solvent					
Plexaid 655WG	SWN Well Services	Scale Inhibitor					
Plexslick 930	SWN Well Services	Friction Reducer					
Sand	SWN Well Services	Proppant					

10/25/2024

Tolicide 4Frac	SWN Well Services	Biocide					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	88.61111	
			Crystalline Silica (Quartz)	14808-60-7	100.00000	11.27534	
			Hydrochloric acid	7647-01-0	15.00000	0.05954	
			Distillates (petroleum), hydrotreated light	64742-47-8	20.00000	0.01971	
			Acrylamide-chloride salt of trimethylammonio-ethyl acrylate copolymer	69418-26-4	10.00000	0.00985	
			Sodium chloride	7647-14-5	10.00000	0.00985	
			Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	45.00000	0.00468	
			Methanol	267-56-1	45.00000	0.00261	
			Sodium erythorbate	6381-77-7	100.00000	0.00211	
			Ammonium chloride	12125-02-9	1.00000	0.00099	
			Alcohols, C12-16, ethoxylated	68551-12-2	1.00000	0.00099	
			9-Octadecenamide, n,n-bis-2(hydroxy-ethyl)-, (Z)	93-83-4	1.00000	0.00099	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	7.50000	0.00078	
			Diethylenetriaminepenta(methylenephosphonic) acid	15827-60-8	10.00000	0.00058	
			Ethanol	64-17-5	2.50000	0.00026	
			Ethylene glycol	107-21-1	40.00000	0.00024	
			Cinnamaldehyde	104-55-2	10.00000	0.00006	
			Dimethylformamide	68-12-2	10.00000	0.00006	
			Nonyl phenyl polyethylene glycol ether	9016-45-9	10.00000	0.00006	
			2-Butoxyethanol	111-76-2	5.00000	0.00003	
			1-Octanol	111-87-5	5.00000	0.00003	
			1-Decanol	112-30-1	5.00000	0.00003	
			Isopropanol	67-63-0	5.00000	0.00003	
			Tar bases, quinoline derivs, benzyl chloride-quaternized	72480-70-7	5.00000	0.00003	
			Triethylphosphate	78-40-0	5.00000	0.00003	

* 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%

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

10/25/2024

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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State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of
Initial Gas-Oil Ratio

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Well Operator SWN PRODUCTION COMPANY LLC
Address PO BOX 12359
SPRING, TX 77391-2359

Designated Agent
Address
WV Department of Environmental Protection

Geological Target Formation: MARCELLUS Depth ^{6,550' TVD / 7,160' MD} feet
Perforation Interval 7,159' / 18,547' feet

Guidelines for testing:

1. A minimum of gas vented or flared.
2. A 24 hour pre-flow into pipelines or tanks.
3. Uniform producing rate during the 24 hour test per test period.
4. Measurement standards as for Form WR-39, "Report of Annual Production" (see 35CSR4-15)
5. Separate Form WR-36 for each producing formation in a multiple completion.

TEST DATA

Start of Test Date 8/22/2024	Time 9:00 AM	End of Test Date 8/23/2024	Time 9:00 AM	Duration of Test 24 Hours
Tubing Pressure 1,054 psi	Casing Pressure 2,007 psi	Separator Pressure 387 psi	Separator Temperature 92	
Oil Production During Test 1,192 BBLs	Gas Production During Test 13,014 MCF	Water Production During Test 1,244 BBls 105,000 PPM Chlorides -Salinity		
Oil Gravity 60 API	Producing Method (flowing, pumping, gas lift etc.) Free Flowing Up Tubing			

GAS PRODUCTION

Measurement Method Flange Tap <input checked="" type="checkbox"/> Pipe Tap <input type="checkbox"/> L-10 <input type="checkbox"/>	Positive Choke <input checked="" type="checkbox"/>
Orifice diameter 3"	Positive flow prover <input type="checkbox"/>
Differential Pressure range 252-307	Nominal Choke Size inches 128/64
Differential 278	Prover and Orifice diameter - inches 3"
Gas Gravity (Air = 1.0) Measured Estimated 0.75	Static 387 psi
Flowing Temperature 92	Gas Temperature 92
24 Hour Coefficient 1	24 Hour coefficient pressure PSIA 14.65

TEST RESULTS

Daily Oil 1,192	Daily Water 1,244	Daily Gas 13,014	Gas-Oil Ratio 10.9
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Denise Grantham
Well Operator
BY DENISE GRANTHAM

ITS: DESIGNATED REPRESENTATIVE

10/25/2024

Latitude: 40°07'30"

SURFACE HOLE 9019'

Latitude: 40°05'00" BOTTOM HOLE

3,751'

JACKSON SURVEYING INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

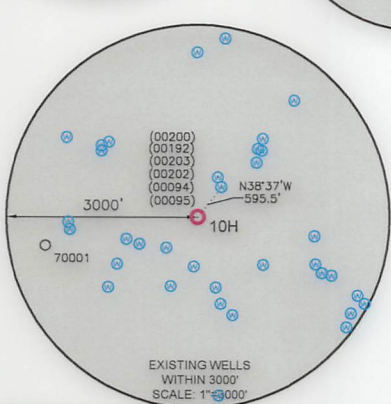
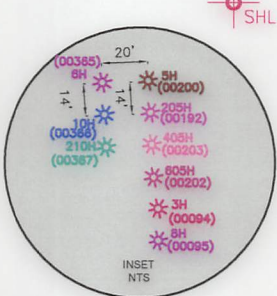
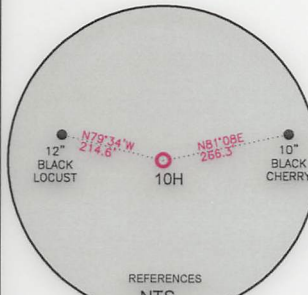
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

Table with 5 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains data for lines L1, L2, and L5.

Table with 5 columns: LINE, BEARING, DISTANCE, CURVE LENGTH, DESCRIPTION. Contains data for lines L3 and L4.



Table with 3 sections: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), and BOTTOM HOLE LOCATION (BHL), each with UTM coordinates.



WELL RESTRICTIONS

- List of 6 well restrictions including distance requirements from dwellings, buildings, water wells, streams, and public water supply.

NOTES ON SURVEY

- List of 4 survey notes regarding owner information, tax maps, and grid north.

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. 709

Signature of David L Jackson



COMPANY: SWN Production Company, LLC

WEST VIRGINIA STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION
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)

WILLIAM RODGERS OHI
OPERATOR'S WELL #: 10H
API WELL #: 47 STATE 069 COUNTY 00366 PERMIT

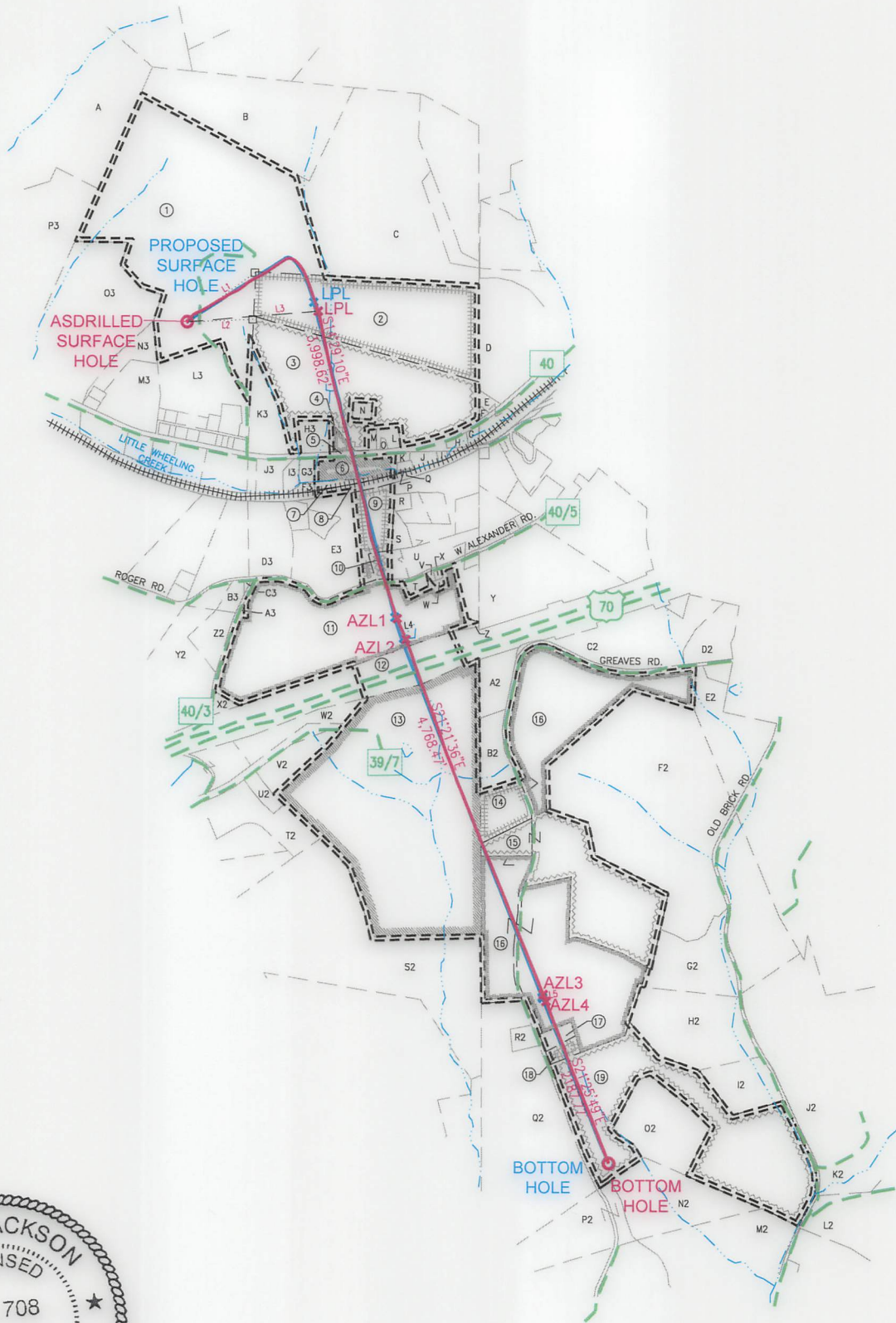
Well type and location details: WELL TYPE: OIL, WASTE DISPOSAL, PRODUCTION, DEEP, GAS, LIQUID INJECTION, STORAGE, SHALLOW. WATERSHED: LITTLE WHEELING CREEK OF WHEELING CREEK (HUC-10). DISTRICT: LIBERTY. COUNTY: OHIO. SURFACE OWNER: DOUGLAS W RODGERS. OIL & GAS ROYALTY OWNER: DOUGLAS W RODGERS. DRILL, DRILL DEEPER, REDRILL, FRACTURE OR STIMULATE, PLUG OFF OLD FORMATION, PERFORATE NEW FORMATION. CONVERT, PLUG & ABANDON, CLEAN OUT & REPLUG, OTHER CHANGE (SPECIFY) ASDRILLED. TARGET FORMATION: MARCELLUS. ESTIMATED DEPTH: 6,531' IVD 16,051.26 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

Legend and Revisions table. Legend includes symbols for proposed surface hole, existing wellhead, landing point, existing water well, and existing spring. Revisions table includes DATE: 07-17-2024, DRAWN BY: N. MANO, SCALE: 1" = 2000', DRAWING NO., and WELL LOCATION PLAT.

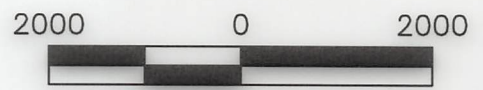
**JACKSON SURVEYING
INC.**

2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851



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. 709 *David L Jackson*



GRAPHIC SCALE IN FEET

10/25/2024

REVISIONS:	COMPANY:		
	OPERATOR'S	WILLIAM RODGERS OHI	API #:
	WELL #:	10H	47-069-00366
	DISTRICT:	COUNTY:	STATE:
	LIBERTY	OHIO	WV
			DATE: 07-17-2024
			DRAWN BY: N. MANO
			SCALE: 1"=2000'
			DRAWING NO:
			WELL LOCATION PLAT 2

**JACKSON SURVEYING
INC.**



2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RODGERS DOUGLAS W (S/R)	03-L12-1
SURFACE OWNER (S)		
2	TUNNEL RIDGE LLC (S)	03-L12-4.6
3	TANKOVITS JOSEPH & ANITA M (S)	03-L12-4
4	WINDMILL REALTY LLC C/O COUSINS REALTY INC (S)	03-L12-4.7
5	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	RT. 40 NATIONAL RD.
6	ONEIL MICHELE I (S)	03-L12-11
7	ONEIL MICHELE (S)	03-L12-10.4
8	TUNNEL RIDGE LLC (S)	03-L12-32
9	SHRIVER DANIEL L & GOLDIE ANN (S)	03-L12-21
10	ADAMS FRANCES (S)	03-L12-21.1
11	TRIPLE P LLC (S)	03-L12-18
12	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	I-70
13	BERGHOFF GERALD W (S)	03-L15-5
14	THOMAS MARTEN CO (S)	230-6-7
15	WARD ETHAN T (S)	230-6-15.2
16	TUNNEL RIDGE LLC (S)	230-6-15
17	MCADOO DAVID L & BRENDA A (S)	230-6-15.3
18	MCADOO DAVID L & BRENDA A (S)	230-6-15.4
19	GREAVES THOMAS A & MARTHA L (S)	230-6-13

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	MINCH TIMMY B & AMY LYNN	03-L9-12
B	OCH JEFFREY S & DANA R	03-L12-2.1
C	MILLER RAYMOND M & H E C/O MILLER HILDA	03-L12-2
D	MILLER HILDA E	230-7-12
E	ALLIANCE RESC PROP LLC	230-7-62
F	SHINGLE EDWARD W	230-7-62.1
G	BEISWENGER DENNIS J	03-L12-13
H	BEISWENGER DENNIS J & LESLIE	03-L12-14
I	FRYE H DAVID & S	03-L12-12
J	MOUNTS GEORGE WESLEY	03-L12-15.4
K	L & M RENTALS LLC	03-L12-12.1
L	BEISWENGER TIMOTHY E JR & J R	03-L12-4.3
M	TANKOVITS JOSEPH AND ANITA M	03-L12-4.5
N	TANKOVITS JOSEPH III & ANITA M	03-L12-4.4
O	BEISWENGER TIMOTHY E JR & JANET R	03-L12-10.1
P	FRYE RICHARD L	03-L12-15
Q	FRYE RICHARD L & Cheryl L	03-L12-31
R	FRYE JASON C/O THE PEOPLES SAVINGS BANK	03-L12-15.2
S	HOCKENBERRY JAMES C & HOCKENBERRY BRENDA K	03-L12-15.1
T	PARK ROBERT L & B L	03-L12-18.5
U	NOBLE VERA JANE C	03-L12-20
V	HARTZELL AMANDA (LC-BYR) TRIPLE P LLC (LC-SLR)	03-L12-19.1
W	HARTZELL AMANDA (LC-BYR) TRIPLE P LLC (LC-SLR)	03-L12-18.10
X	HARTZELL AMANDA (LC-BYR) TRIPLE P LLC (LC-SLR)	03-L12-19
Y	TUNNEL RIDGE LLC	230-6-5
Z	TRIPLE P LLC	03-L12-18.7
A2	THOMAS MARTEN CO	230-6-7.2
B2	THOMAS MARTEN CO	230-6-7.1
C2	TREDDS SOFTWARE SOLUTIONS LLC	230-6-15.17
D2	CRP IRREVOCABLE TRUST & KURZEJEWSKI MATTHEW P	230-6-15.20
E2	WILSON DANA A & BILLIE R	230-6-15.16
F2	OLD BRICK 801 LLC	230-6-16
G2	MINCH HENRY J & JULIE L	230-6-16.3
H2	BECK DONALD L & SANDRA E	230-6-15.1
I2	BECK DONALD L JR & TINA L	230-6-15.23
J2	TUNNEL RIDGE LLC	230-6-22
K2	SANGIMINO URSULA RIPEPI & RIPEPI ANTONIO & RIPEPI VINCENT J & QUINN BENEDETTA A & RIPEPI PHILIP M	230-6-21
L2	SANGIMINO URSULA RIPEPI & RIPEPI ANTONIO & RIPEPI VINCENT J & QUINN BENEDETTA A & RIPEPI PHILIP M	680-11-3

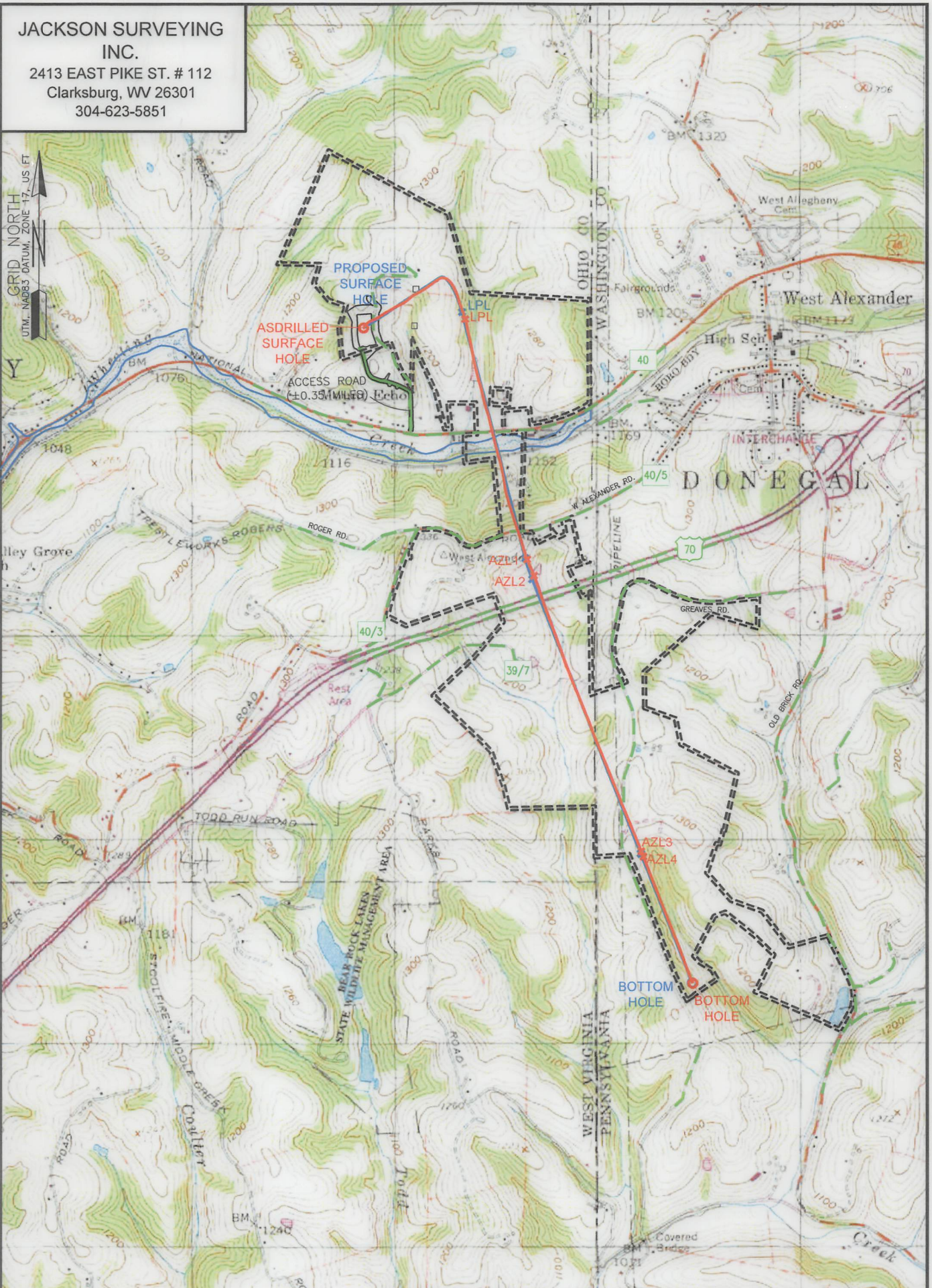
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
M2	TUNNEL RIDGE LLC	680-5-4.3
N2	TUNNEL RIDGE LLC	230-6-12
O2	GREAVES THOMAS & MARTHA	230-6-14
P2	GREAVES THOMAS & MARTHA	230-6-12.1
Q2	MOORE HEIDI L & BENJAMIN R	230-6-10
R2	MOORE HEIDI L & AARON E STIMMEL JR	230-6-10.1
S2	OLIVER LUCAS B	03-L15-4
T2	BERGHOFF GERALD W	03-L15-2.6
U2	BERGHOFF BRAD W	03-L15-2.9
V2	TRIPLE P LLC	03-L12-18.9
W2	TRIPLE P LLC	03-L12-18.8
X2	TURNER FRANCES A	03-L12-18.6
Y2	KLAGES PROPERTIES LLC	03-L15-1.1
Z2	TORLONE ASHLEY MICHELLE & DERROW CHRISTOPHER	03-L15-1.4
A3	TRIPLE P LLC	03-L12-18.3
B3	TUNNEL RIDGE LLC	03-L12-18.2
C3	DILLE RONALD A & VIRGINIA M	03-L12-18.4
D3	MCFARLAND DENNIS E & BRIS NANCY M	03-L12-22
E3	SHRIVER DANIEL L SR & GOLDIE ANN	03-L12-21.5
F3	SHRIVER DANIEL L JR SHRIVER CHRISTINA E	03-L12-10.5
G3	WHEELING COIN LLC	03-L12-10.6
H3	WINDMILL REALTY LLC C/O R M WILSON	03-L12-4.2
I3	WHEELING COIN LLC	03-L12-10.7
J3	G W RENTALS LLC	03-L12-10
K3	RODGERS LISA D & DOUGLAS W	03-L12-4.1
L3	RODGERS DOUGLAS WAYNE	03-L12-5.1
M3	MAXWELL TODD M	03-L12-27
N3	CALDWELL CATHY J & JERRY W	03-L12-6
O3	MAZGAJ MILDRED J	03-L11-62
P3	CREIGHTON RANDY J	03-L11-29

10/25/2024

REVISIONS:	COMPANY:	 	
	OPERATOR'S	WILLIAM RODGERS OH	DATE: 07-17-2024
	WELL #:	10H	API #: 47-069-00366
	DISTRICT:	LIBERTY	STATE: WV
	COUNTY:	OHIO	SCALE: N/A
			DRAWN BY: N. MANO
			DRAWING NO:
			WELL LOCATION PLAT 3

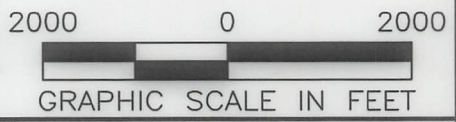
**JACKSON SURVEYING
INC.**
2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.106930'
LONGITUDE: -80.532252'

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.077836'
LONGITUDE: -80.513406'



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
- ACCESS ROAD
- PUBLIC ROAD
- LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: WILLIAM RODGERS OHI	WELL # 10H	SERIAL #
ADDRESS: 1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
SURFACE OWNER: DOUGLAS W RODGERS	USGS 7 1/2 QUADRANGLE MAP NAME VALLEY GROVE, WV	API #: 47-069-00366	