

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

SEP 05 2024

WV Department of
Environmental Protection
District LIBERTY

API 47069003650000 County OHIO
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 6H
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

Landing Point of Curve
Top Hole Northing 4,439,734.81 Easting 539,864.21
Northing 4,439,468.06 Easting 539,702.34
Bottom Hole Northing 4,435,508.85 Easting 541,215.74

Elevation (ft) 1,279.4' 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

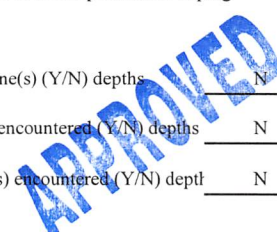
Date permit issued 2024-01-02 Date drilling commenced 2024-04-20 Date drilling ceased 2024-05-01

Date Completion activities began 2024-06-23 Date Completion activities ceased 2024-07-22

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 309' Oprn mine(s) (Y/N) depths N
Salt water depth(s) ft 1182' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 675' Cavern(s) encountered (Y/N) depth N
Is coal being mined in area (Y/N) N



Reviewed by: [Signature]
9-16-2024

SEP 05 2024

WR-35
Rev. 8/23/13

WV Department of
Environmental Protection

API 47069003650000

Farm name DOUGLAS W RODGERS

Well number WILLIAM RODGERS OHI 6H

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/ 17 BBLs
Coal	SEE INTERMED							
Intermediate 1	12.250	9.625	2095	NEW	36.00	J-55		Y/ 50 BBLs
Intermediate 2								
Intermediate 3								
Production	8.500	5.500	20880	NEW	20.00	P-110 HP		Y/ 15 BBLs
Tubing		2.875	6918	NEW	6.50	P-110		N
Packer type and depth set								

Comment Detail: _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ²)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	434	15.6	1.19	516.46	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	4035	15.6	1.21	4882.35	SURFACE	24
Tubing							

Drillers TD (ft) 20892

Loggers TD (ft) 20892

Deepest formation penetrated MARCELLUS

Plug back to (ft) 20790

Plug back procedure N/A

Kick off depth (f 6,003' 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: 32 CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: 427 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 _____

10/18/2024

**WILLIAM RODGERS OHI 6H
ATTACHMENT 1
PERF REPORT**

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SEP 05 2024

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	6/18/2024	20,790	20,693	36
2	6/24/2024	20,659	20,480	36
3	6/24/2024	20,447	20,268	36
4	6/25/2024	20,234	20,055	36
5	6/25/2024	20,022	19,843	36
6	6/25/2024	19,810	19,631	36
7	6/26/2024	19,597	19,418	36
8	6/26/2024	19,385	19,206	36
9	6/26/2024	19,173	18,994	36
10	6/27/2024	18,960	18,781	36
11	6/27/2024	18,748	18,569	36
12	6/27/2024	18,536	18,357	36
13	6/27/2024	18,323	18,144	36
14	6/28/2024	18,111	17,932	36
15	6/28/2024	17,899	17,720	36
16	6/28/2024	17,686	17,507	36
17	6/28/2024	17,474	17,295	36
18	6/28/2024	17,262	17,083	36
19	6/29/2024	17,049	16,870	36
20	6/29/2024	16,837	16,658	36
21	6/29/2024	16,625	16,446	36
22	6/29/2024	16,412	16,233	36
23	6/29/2024	16,200	16,021	36
24	6/30/2024	15,988	15,809	36
25	6/30/2024	15,775	15,596	36
26	6/30/2024	15,563	15,384	36
27	7/1/2024	15,351	15,172	36
28	7/1/2024	15,138	14,959	36
29	7/1/2024	14,926	14,747	36
30	7/1/2024	14,714	14,535	36
31	7/1/2024	14,501	14,322	36
32	7/2/2024	14,289	14,110	36
33	7/2/2024	14,077	13,898	36
34	7/2/2024	13,864	13,685	36
35	7/2/2024	13,652	13,473	36
36	7/2/2024	13,440	13,261	36
37	7/3/2024	13,227	13,048	36
38	7/3/2024	13,015	12,836	36
39	7/3/2024	12,803	12,624	36
40	7/3/2024	12,590	12,411	36
41	7/4/2024	12,378	12,199	36
42	7/4/2024	12,166	11,987	36

10/18/2024

**WILLIAM RODGERS OHI 6H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
43	7/4/2024	11,953	11,774	36
44	7/5/2024	11,741	11,562	36
45	7/5/2024	11,529	11,350	36
46	7/5/2024	11,316	11,137	36
47	7/5/2024	11,104	10,925	36
48	7/5/2024	10,892	10,713	36
49	7/6/2024	10,679	10,500	36
50	7/6/2024	10,467	10,288	36
51	7/6/2024	10,255	10,076	36
52	7/6/2024	10,042	9,863	36
53	7/6/2024	9,830	9,651	36
54	7/7/2024	9,618	9,439	36
55	7/7/2024	9,405	9,226	36
56	7/8/2024	9,193	9,014	36
57	7/8/2024	8,981	8,802	36
58	7/8/2024	8,768	8,589	36
59	7/8/2024	8,556	8,377	36
60	7/9/2024	8,344	8,165	36
61	7/9/2024	8,131	7,952	36
62	7/9/2024	7,919	7,740	72
63	7/9/2024	7,707	7,528	36
64	7/10/2024	7,494	7,315	36
65	7/10/2024	7,282	7,103	36
66	7/10/2024	7,070	6,891	36

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WILLIAM RODGERS OHI 6H
ATTACHMENT 2
STIM REPORT

WV Department of
Environmental Protection

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	60	5,938	6,438	4,345	369,860	8,017	0
2	6/24/2024	82.3	9,092	6,815	4,755	287,010	6,980	0
3	6/25/2024	90.9	9,571	6,893	4,475	313,080	6,972	0
4	6/25/2024	92.3	9,269	6,790	5,100	309,680	6,625	0
5	6/25/2024	87.3	8,982	6,550	5,203	307,700	6,366	0
6	6/25/2024	94	7,480	6,573	4,725	354,290	7,254	0
7	6/26/2024	89.2	9,082	6,550	5,000	311,170	6,734	0
8	6/26/2024	75.2	7,572	6,230	4,315	312,560	7,962	0
9	6/26/2024	93.2	9,398	6,098	4,526	312,010	6,930	0
10	6/27/2024	95.2	9,058	6,136	4,639	311,100	7,023	0
11	6/27/2024	72.8	6,910	6,885	5,000	312,460	6,552	0
12	6/27/2024	91.5	9,255	6,475	5,264	308,940	6,231	0
13	6/28/2024	95.7	9,304	6,276	4,742	307,470	6,432	0
14	6/28/2024	95	9,265	6,565	5,000	311,060	6,610	0
15	6/28/2024	95.1	6,884	6,580	5,193	307,270	6,491	0
16	6/28/2024	95.9	9,621	6,780	4,797	310,380	6,174	0
17	6/28/2024	94	7,095	6,690	4,569	310,270	6,094	0
18	6/29/2024	96	9,435	6,021	4,572	314,580	5,814	0
19	6/29/2024	95	9,024	6,640	5,100	306,740	6,157	0
20	6/29/2024	92.6	9,232	6,860	4,890	310,310	6,080	0
21	6/29/2024	91	7,805	6,639	4,563	312,600	5,654	0
22	6/29/2024	83.4	8,974	6,695	4,334	312,300	6,055	0
23	6/30/2024	84.6	8,538	6,935	4,930	311,900	6,055	0
24	6/30/2024	94.9	9,023	7,160	4,910	308,010	6,077	0
25	6/30/2024	94	7,516	6,571	4,837	310,320	6,438	0
26	7/1/2024	88.4	9,330	6,750	5,197	310,250	6,201	0
27	7/1/2024	88.4	9,200	5,929	5,140	313,220	6,346	0
28	7/1/2024	70.7	6,662	7,005	5,470	311,000	6,164	0
29	7/1/2024	96.3	8,938	6,615	4,611	308,280	6,004	0
30	7/1/2024	97	9,064	6,387	4,830	321,760	6,334	0
31	7/2/2024	97	9,008	6,093	4,803	310,590	6,199	0
32	7/2/2024	97.1	8,980	6,655	5,000	308,230	6,159	0
33	7/2/2024	75.2	6,677	6,725	5,130	310,420	6,063	0
34	7/2/2024	97.9	8,950	6,485	5,102	314,170	6,119	0
35	7/2/2024	95.8	8,509	6,156	4,899	309,170	6,398	0
36	7/3/2024	94.6	8,843	6,425	4,465	310,410	6,262	0
37	7/3/2024	69.1	6,074	6,892	5,515	308,900	6,180	0
38	7/3/2024	94	8,280	6,339	5,478	308,900	6,230	0
39	7/3/2024	94	8,152	6,323	4,340	311,660	6,212	0
40	7/4/2024	90.3	7,969	5,833	4,383	309,920	5,609	0
41	7/4/2024	88.6	8,088	6,969	4,607	313,780	5,923	0
42	7/4/2024	87.5	8,355	6,215	4,249	305,260	7,973	0
43	7/4/2024	90.7	7,841	6,586	4,454	310,750	5,811	0
44	7/5/2024	92.3	7,738	6,334	4,683	307,260	5,640	0
45	7/5/2024	91.1	5,596	6,173	4,941	311,090	5,834	0
46	7/5/2024	50.6	4,283	6,618	5,201	305,600	7,495	0
47	7/5/2024	90	7,803	6,694	4,700	295,530	7,211	0
48	7/5/2024	83.8	7,386	6,740	4,280	300,440	7,096	0
49	7/6/2024	81.2	7,355	6,265	4,686	319,550	7,467	0
50	7/6/2024	60.8	5,239	6,604	5,080	311,540	7,283	0
51	7/6/2024	60.8	9,164	6,754	5,178	22,780	2,509	0
52	7/6/2024	92.9	7,451	6,181	4,599	298,910	8,470	0
53	7/7/2024	82	7,376	6,251	5,096	316,020	9,027	0

10/18/2024

**WILLIAM RODGERS OHI 6H
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
54	7/7/2024	91.9	7,452	5,885	4,869	309,040	8,780	0
55	7/7/2024	82.9	7,118	6,517	4,782	314,680	8,735	0
56	7/8/2024	61.3	5,063	6,152	4,875	313,170	8,814	0
57	7/8/2024	99	7,852	7,525	4,377	309,260	8,631	0
58	7/8/2024	97.3	7,609	6,570	4,616	315,470	8,738	0
59	7/9/2024	93.6	7,343	6,830	4,648	310,730	8,862	0
60	7/9/2024	72.5	5,579	6,709	5,308	309,910	8,763	0
61	7/9/2024	91.9	7,324	6,343	4,851	311,990	8,638	0
62	7/9/2024	67.7	8,230	6,425	4,535	155,040	8,168	0
63	7/9/2024	74.7	7,481	6,830	4,730	308,440	8,460	0
64	7/10/2024	78.9	6,986	6,780	4,993	313,020	8,407	0
65	7/10/2024	67.5	5,038	6,357	4,747	307,440	8,625	0
66	7/10/2024	83.5	6,595	5,937	4,407	285,870	8,885	0

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WV Department of
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10/18/2024

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	06/23/2024
Job End Date:	07/10/2024
State:	West Virginia
County:	Ohio
API Number:	47-069-00365-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	WILLIAM RODGERS OHI 6H
Latitude:	40.106775
Longitude:	-80.532238
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6690
Total Base Water Volume (gal)*:	19080684
Total Base Non Water Volume:	115851



Water Source	Percent
Surface Water, < 1000TDS	91.30%
Produced Water	8.70%

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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					

10/18/2024

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Tolicide 4Frac	SWN Well Services	Biocide	WV Department of Environmental Protection				
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	88.73690	
			Crystalline silica, quartz	14808-60-7	100.00000	11.14040	
			Hydrochloric acid	7647-01-0	15.00000	0.06862	
			Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	45.00000	0.04550	
			Hydrotreated light petroleum distillate	64742-47-8	20.00000	0.01966	
			Acrylamide-chloride salt of trimethylammonio-ethyl acrylate copolymer	69418-26-4	10.00000	0.00983	
			Sodium chloride	7647-14-5	10.00000	0.00983	
			Methanol	67-56-1	45.00000	0.00254	
			Sodium erythorbate	6381-77-7	100.00000	0.00244	
			Ammonium chloride	12125-02-9	1.00000	0.00098	
			Alcohols, C12-16, ethoxylated	68551-12-2	1.00000	0.00098	
			9-Octadecenamide, n,n-bis-2(hydroxy-ethyl)-, (Z)	93-83-4	1.00000	0.00098	
			Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	7.50000	0.00076	
			Diethylenetriaminepenta(methylenephosphonic) acid	15827-60-8	10.00000	0.00057	
			Ethylene glycol	107-21-1	40.00000	0.00028	
			Ethanol	64-17-5	2.50000	0.00025	
			Cinnamaldehyde	104-55-2	10.00000	0.00007	
			Dimethylformamide	68-12-2	10.00000	0.00007	
			2-Butoxyethanol	111-76-2	5.00000	0.00004	
			1-Octanol	111-87-5	5.00000	0.00004	
			1-Decanol	112-30-1	5.00000	0.00004	
			Isopropanol	67-63-0	5.00000	0.00004	
			Tar bases, quinoline derivs, benzyl chloride-quaternized	72480-70-7	5.00000	0.00004	
			Triethylphosphate	78-40-0	5.00000	0.00004	

* 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.

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

10/18/2024

**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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Office Of Oil and Gas
SEP 05 2024

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 ^{6,520' TVD / 7,034' MD} _____ feet
Perforation Interval 6,891' / 20,790' 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 08/14/2024		Time 9:00 AM		End of Test Date 8/15/2024		Time 9:00 AM		Duration of Test 24 Hours	
Tubing Pressure 865 psi		Casing Pressure 1,804 psi		Separator Pressure 307 psi		Separator Temperature 100			
Oil Production During Test 803		Gas Production During Test 9,665		Water Production During Test 1,238		BBLs 105,000 PPM Chlorides -Salinity			
Oil Gravity 60		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"			Pipe Diameter (inside) 3"		
Differential Pressure range 149-310			Max. Static pressure range 330 psi		
Differential 214			Static 307 psi		
Gas Gravity (Air = 1.0) Measured		Flowing Temperature 100		Gas Temperature 100	
Estimated 0.75		24 Hour coefficient pressure PSIA 14.65			
24 Hour Coefficient 1					

TEST RESULTS

Daily Oil 803	Daily Water 1,238	Daily Gas 9,665	Gas-Oil Ratio 12.04
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Denise Grantham

BY DENISE GRANTHAM
Well Operator

ITS: DESIGNATED REPRESENTATIVE

10/18/2024

Latitude: 40°07'30"

SURFACE HOLE 9020'

Latitude: 40°05'00" BOTTOM HOLE

4,664'

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 survey data for lines L1 through L9.

Table with 4 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), BOTTOM HOLE LOCATION (BHL), and UTM coordinates for each.

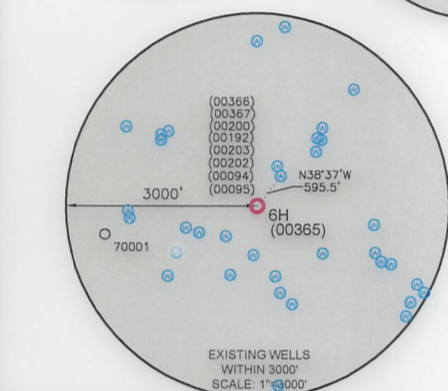
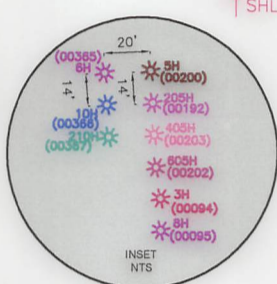
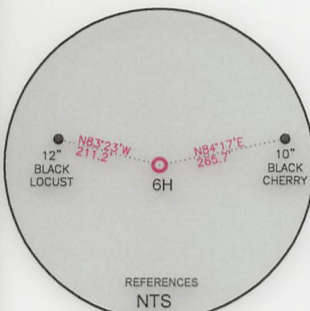


Table with 4 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), BOTTOM HOLE LOCATION (BHL), and UTM coordinates for each.

WELL RESTRICTIONS

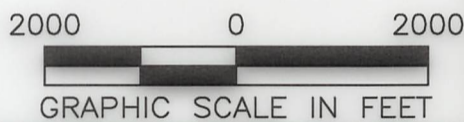
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE 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. 709 David L Jackson



COMPANY: SWN Production Company, LLC

(+) 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)

WILLIAM RODGERS OHI
OPERATOR'S WELL #: 6H
API WELL #: 47 STATE 069 COUNTY 00365 PERMIT

WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: LITTLE WHEELING CREEK OF WHEELING CREEK (HUC-10) ELEVATION: 1279.4'
DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: VALLEY GROVE, WV
SURFACE OWNER: DOUGLAS W RODGERS ACREAGE: ±143.09
OIL & GAS ROYALTY OWNER: DOUGLAS W RODGERS ACREAGE: ±143.09
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: 6,891 TMD 20,892 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

Table with 2 columns: LEGEND and REVISIONS. Legend includes symbols for proposed surface hole, existing wellhead, landing point, existing water well, and existing spring. Revisions table includes DATE: 06-18-2024, 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

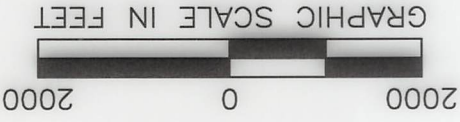
10/18/2024



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.

David T. Jackson
 P.S. 709

DATE: 06-18-2024		APL #:	47-069-00365
DRAWN BY: N. MANO		STATE:	WV
SCALE: 1"=2000'		COUNTY:	OHIO
DRAWING NO:		WELL #:	6H
WELL LOCATION PLAT 2		DISTRICT:	LIBERTY
		OPERATOR'S:	WILLIAM RODGERS OHI
		COMPANY:	Production Company, LLC



**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
TRACT SURFACE OWNER (S)		
2	CALDWELL CATHY J & JERRY W (S)	3-L12-6
3	MAZGAJ MILDRED J (S)	3-L11-62
4	MAXWELL TODD M (S)	3-L12-27
5	MAXWELL CONSTRUCTION LLC (S)	3-L12J-12
6	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	RT. 40 NATIONAL RD.
7	FORDYCE SHAUN LEMOINE & FORDYCE JASON ERIC (S)	3-L12-24
8	SMUDDE JUSTIN CARL (S)	3-L12-29
9	TUNNEL RIDGE LLC (S)	3-L12-32
10	WATKINS THERESA & MARK (S)	3-L11-60
11	TUNNEL RIDGE LLC (S)	3-L12-25
12	TUNNEL RIDGE LLC (S)	3-L12-25.1
13	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	REALTREE RD.
14	TUNNEL RIDGE LLC (S)	3-L12-18.1
15	TUNNEL RIDGE LLC (S)	3-L12-18.2
16	KLAGES PROPERTIES LLC (S)	3-L15-1.1
17	TRIPLE P LLC (S)	03-L12-18
18	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION (S)	1-70
19	TRIPLE P LLC (S)	03-L12-18.8
20	TRIPLE P LLC (S)	03-L12-18.9
21	BERGHOFF GERALD W (S)	3-L15-5
22	BERGHOFF GERALD W (S)	03-L15-2.6
23	OLIVER LUCAS B (S)	03-L15-4
24	TUNNEL RIDGE LLC (S)	03-L15-4.6
25	MOORE ROBERT L (LIFE ESTATE) ET AL (S)	06-T5-3
26	BRIGGS KAREN LYNN & HENRY WILLIAM (S)	06-T10-4.2
27	BRIGGS KAREN LYNN (S)	680-5-3.1
28	HORR DONNIE L & GLENN B & KAREN L BRIGGS (S)	680-5-3

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	TANKOVITS JOSEPH & ANITA M	03-L12-4
B	RODGERS LISA D & DOUGLAS W	03-L12-4.1
C	RODGERS DOUGLAS WAYNE	3-L12-5.1
D	MAXWELL CONSTRUCTION LLC	3-L12J-26
E	BECK HARRY B & JEAN	03-L12J-25
F	BURROWS WILLIAM E & M L	03-L12J-13
G	BURROWS WM E & MARG L	03-L12J-14
H	TUNNEL RIDGE LLC	03-L12J-15
I	RODGERS DOUGLAS W	03-L12J-23.1
J	PLOCK DOUGLAS J & CHRISTINE M	03-L12-28
K	MCCAVE SCOTT	03-L12-10.3
L	MCFARLAND DENNIS E & BRIS NANCY M	03-L12-22
M	DILLE RONALD A & VIRGINIA M	03-L12-18.4
N	TRIPLE P LLC	03-L12-18.3
O	SHRIVER DANIEL L SR & GOLDIE ANN	03-L12-21.5
P	SHRIVER DANIEL L & GOLDIE ANN	03-L12-21
Q	ADAMS FRANCES	03-L12-21.1
R	FRYE RICHARD L	03-L12-15
S	PARK ROBERT L & B L	03-L12-18.5
T	NOBLE VERA JANE C	03-L12-20
U	HARTZELL AMANDA (LC-BYR) TRIPLE P LLC (LC-SLR)	03-L12-18.10
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-L12-19
X	TRIPLE P LLC	03-L12-18.7
Y	THOMAS MARTEN CO	230-6-7.2
Z	THOMAS MARTEN CO	230-6-7.1
A2	THOMAS MARTEN CO	230-6-7
B2	WARD ETHAN T	230-6-15.2
C2	TUNNEL RIDGE LLC	230-6-15
D2	MOORE HEIDI L & BENJAMIN R	230-6-10
E2	GREAVES THOMAS & MARTHA	230-6-12.1
F2	GREAVES THOMAS & MARTHA	680-5-4.2
G2	TUNNEL RIDGE LLC	680-5-4.1
H2	TUNNEL RIDGE LLC	680-5-10.2
I2	HANCHER MATTHEW W & KELLY	680-5-10.3
J2	HANCHER MATTHEW W	680-5-10
K2	MOORE TIMOTHY E	680-5-2
L2	LEMMON WADE LEE; LEMMON JOSHUA; LEMMON MORGAN	06-T10-10

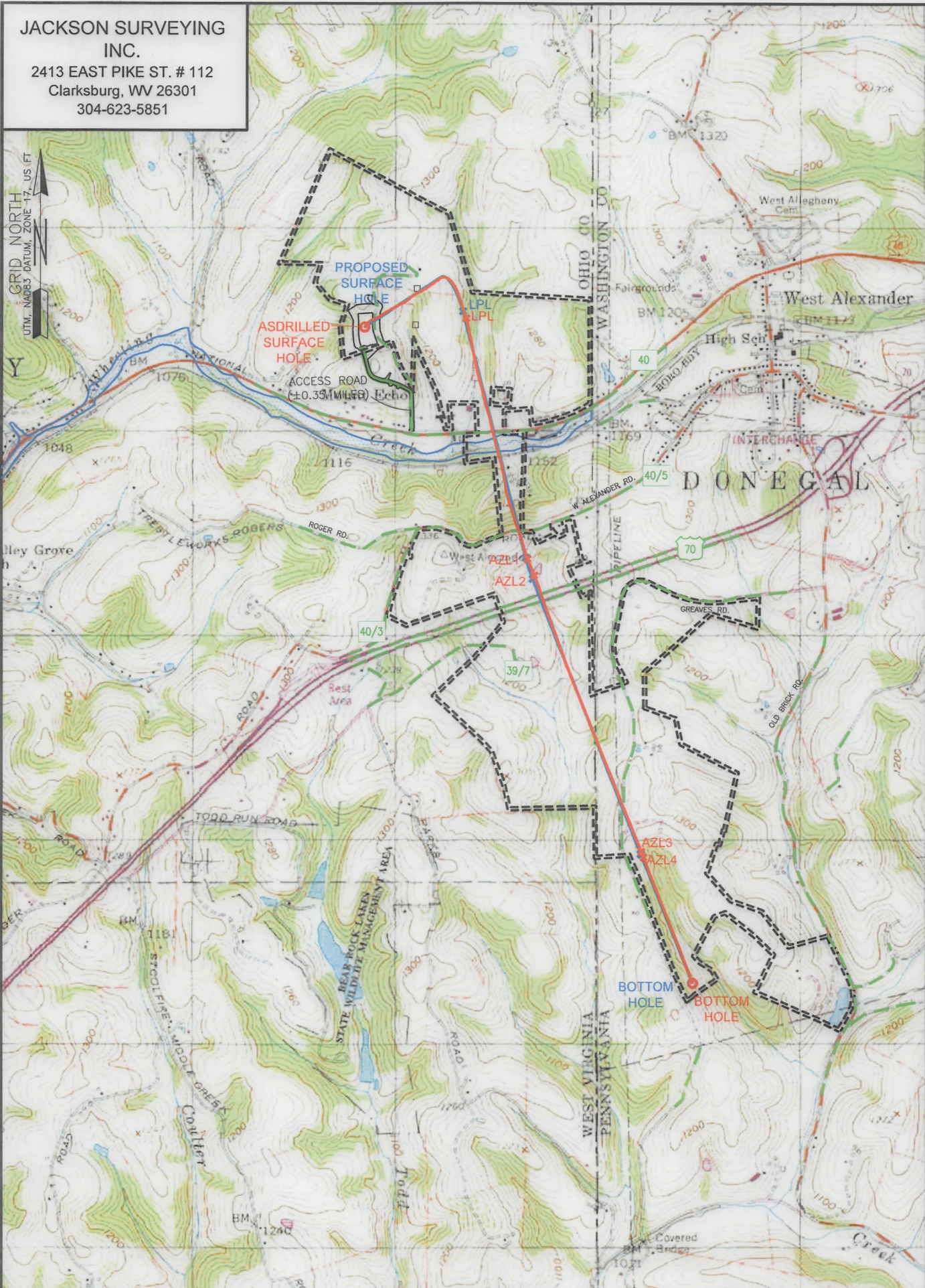
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
M2	HORR DONNIE L & MICHELLE	06-T10-4.1
N2	HORR DONNIE, HORR GLEN & BRIGGS KAREN	06-T10-4
O2	DAVIS JOHN RICHARD ET AL	06-T10-1
P2	TUNNEL RIDGE LLC	03-L15-4.4
Q2	TUNNEL RIDGE LLC	03-L15-4.3
R2	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	06-T5-2
S2	JEWETT CLARENCE G	03-L15-4.2
T2	OLIVER LUCAS B C/O MCCAMIC JEFF	03-L15-4.5
U2	MORGAN SALLY A	03-L15-2.4
V2	PAGENDARM JOS F & P M	03-L15-2.2
W2	ERNEST LAWRENCE F & DEBORAH K	03-L15-4.1
X2	ERNEST LAWRENCE F & DEBORAH	03-L15-3
Y2	GYEKIS ROBERT J & VICKI L	03-L15-2.3
Z2	BERGHOFF BRAD W	03-L15-2.9
A3	TURNER FRANCES A	03-L12-18.6
B3	WOOD BRENTON R & KELLY S	03-L15-1.2
C3	WOOD BRENTON R & KELLY S	3-L15-1.3
D3	SHREVE COLTON & JESSICA SPIKER	03-L14-39
E3	NUNES ANDREW J	3-L11-48.9
F3	TUNNEL RIDGE LLC	03-L14-54
G3	KLAGES PROPERTIES LLC	03-L15-7
H3	KLAGES PROPERTIES LLC	03-L11-48.1
I3	KLAGES LLOYD A JR & AMY	03-L11-48.10
J3	KLAGES LLOYD A JR & AMY	03-L12-30
K3	ENGLISH MARGARET B	03-L12-25.3
L3	KLAGES LLOYD A JR	03-L12-25.2
M3	KLAGES JACOB LLOYD	03-L12-30.1
N3	KLAGES PROPERTIES LLC	03-L11-46.24
O3	JSNE LLC	03-L11-46.8
P3	TUNNEL RIDGE LLC	03-L11-46.11
Q3	POWERS JEFFREY B	03-L11-46.20
R3	GRIFFITH SHARON & WARREN	03-L11-60.1
S3	MAZGAJ MILDRED J	03-L11-67
T3	FORDYCE TERRY L	03-L12-23
U3	PATRICK LARRY MICHAEL	03-L11-68
V3	CALDWELL JERRY & CATHY	03-L11-69
W3	NOLAN JOHN A JR	03-L11-63
X3	WINTERS FAMILY FARM LLC	03-L11-28
Y3	CREIGHTON RANDY J	03-L11-29
Z3	MINCH TIMMY B & AMY LYNN	03-L9-12
A4	OCH JEFFREY S & DANA R	03-L12-2.1
B4	MILLER RAYMOND M & H E C/O MILLER HILDA	03-L12-2
C4	TUNNEL RIDGE LLC	03-L12-4.6

10/18/2024

REVISIONS:	COMPANY:		
			
	OPERATOR'S	WILLIAM RODGERS OHI	API #:
	WELL #:	6H	47-069-00365
	DISTRICT:	COUNTY:	STATE:
	LIBERTY	OHIO	WV
			DATE: 06-18-2024
			DRAWN BY: N. MANO
			SCALE: N/A
			DRAWING NO:
			WELL LOCATION PLAT 3

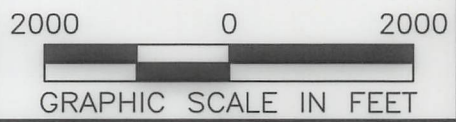
**JACKSON SURVEYING
INC.**
2413 EAST PIKE ST. # 112
Clarksburg, WV 26301
304-623-5851

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.
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LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ☼ EXISTING / PRODUCING WELLHEAD
- LPL* LANDING POINT LOCATION
- 🌊 FLOOD PLAN
- ACCESS ROAD
- - - PUBLIC ROAD
- ASDRILLED SURFACE HOLE
- == LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC

ADDRESS:
1300 FORT PIERPONT ROAD, SUITE 200 MORGANTOWN, WV 26508

SURFACE OWNER:
DOUGLAS W RODGERS

WELL (FARM) NAME: WILLIAM RODGERS OHI	WELL # 10H	SERIAL #
COUNTY - CODE OHIO - 069	DISTRICT; LIBERTY	
USGS 7 1/2 QUADRANGLE MAP NAME VALLEY GROVE, WV	API #: 47-069-00366	