

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

API 47103036090000 County WETZEL District PROCTOR
Quad WILEYVILLE, W Pad Name CONSTANCE TAYLOR-WTZ-PAD1 Field/Pool Name VICTORY FIELD WET
Farm Name CONSTANCE A. TAYLOR Well Number CONSTANCE TAYLOR WTZ 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 4389455.94 Easting 527524.33
Landing Point of Curve Northing 4389299.84 Easting 527600.93
Bottom Hole Northing 4386336.30 Easting 530705.49

Elevation (ft) 1430.1' GL Type of Well New Existing 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 2023-09-18 Date drilling commenced 2024-02-07 Date drilling ceased 2024-02-18

Date Completion activities began 2024-03-16 Date Completion activities ceased 2024-04-26

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 365' Oprn mine(s) (Y/N) depths N
Salt water depth(s) ft 1467' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1394' Cavern(s) encountered (Y/N) depth N
Is coal being mined in area (Y/N) N

Reviewed by: _____

APPROVED

08/16/2024

SMiley
7-30-24

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N/A
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Environmental Protection

API 47103036090000

Farm name CONSTANCE A. TAYLOR

Well number CONSTANCE TAYLOR WTZ 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	20.000	20.000	136	NEW	94.00	J-55		Y
Surface	17.500	13.375	425	NEW	54.50	J-55	N/A	Y/ 27 BBLS
Coal	SEE SURFACE							
Intermediate 1	12.250	9.625	2899	NEW	36.00	J-55		Y/ 35 BBLS
Intermediate 2								
Intermediate 3								
Production	8.500	5.500	22308	NEW	20.00	P-110 HP		Y/ 60 BBLS
Tubing								
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 ²)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE					24
Surface	CLASS A	452	15.6	1.19	537.88	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	1071	15.6	1.18	1263.78	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4053	14.5	1.29	5228.37	SURFACE	24
Tubing							

Drillers TD (ft) 22316 Loggers TD (ft) 22316
 Deepest formation penetrated MARCELLUS Plug back to (ft) 22220
 Plug back procedure N/A

Kick off depth (ft 6710' 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: 34 CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: 448 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

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WAS WELL COMPLETED AS SHOT HOLE Yes No Details _____
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WAS WELL COMPLETED AS OPEN HOLE Yes No Details _____

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

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**CONSTANCE TAYLOR WTZ 10H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	3/12/2024	22,220	22,128	36
2	3/17/2024	22,092	21,915	36
3	3/18/2024	21,882	21,704	36
4	3/18/2024	21,671	21,494	36
5	3/19/2024	21,461	21,283	36
6	3/19/2024	21,250	21,073	36
7	3/19/2024	21,040	20,862	36
8	3/20/2024	20,829	20,652	36
9	3/21/2024	20,619	20,441	36
10	3/21/2024	20,408	20,231	36
11	3/21/2024	20,198	20,021	36
12	3/22/2024	19,987	19,810	36
13	3/22/2024	19,777	19,600	36
14	3/22/2024	19,567	19,389	36
15	3/23/2024	19,356	19,179	36
16	3/23/2024	19,146	18,968	36
17	3/23/2024	18,935	18,758	36
18	3/24/2024	18,725	18,547	36
19	3/24/2024	18,514	18,337	36
20	3/25/2024	18,304	18,126	36
21	3/25/2024	18,093	17,916	36
22	3/25/2024	17,883	17,706	36
23	3/26/2024	17,672	17,495	36
24	3/26/2024	17,462	17,285	36
25	3/27/2024	17,252	17,074	36
26	3/27/2024	17,041	16,864	36
27	3/27/2024	16,831	16,653	36
28	3/28/2024	16,620	16,443	36
29	3/28/2024	16,410	16,232	36
30	3/29/2024	16,199	16,022	36
31	3/29/2024	15,989	15,811	36
32	3/29/2024	15,778	15,601	36
33	3/30/2024	15,568	15,390	36
34	3/30/2024	15,357	15,180	36
35	3/30/2024	15,147	14,970	36
36	3/31/2024	14,937	14,759	36
37	3/31/2024	14,726	14,549	36
38	4/1/2024	14,516	14,338	36
39	4/1/2024	14,305	14,128	36
40	4/2/2024	14,095	13,917	36
41	4/2/2024	13,884	13,707	36
42	4/2/2024	13,674	13,496	36

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**CONSTANCE TAYLOR WTZ 10H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
43	4/3/2024	13,463	13,286	36
44	4/3/2024	13,253	13,075	36
45	4/4/2024	13,042	12,865	36
46	4/4/2024	12,832	12,655	36
47	4/4/2024	12,621	12,444	36
48	4/5/2024	12,411	12,234	36
49	4/5/2024	12,201	12,023	36
50	4/5/2024	11,990	11,813	36
51	4/6/2024	11,780	11,602	36
52	4/6/2024	11,569	11,392	36
53	4/6/2024	11,359	11,181	36
54	4/7/2024	11,148	10,971	36
55	4/7/2024	10,938	10,760	36
56	4/7/2024	10,727	10,550	36
57	4/8/2024	10,517	10,340	36
58	4/8/2024	10,306	10,129	36
59	4/8/2024	10,096	9,919	36
60	4/9/2024	9,886	9,708	36
61	4/9/2024	9,675	9,498	36
62	4/9/2024	9,465	9,287	36
63	4/10/2024	9,254	9,077	36
64	4/10/2024	9,044	8,866	36
65	4/11/2024	8,833	8,656	36
66	4/11/2024	8,623	8,445	36
67	4/12/2024	8,412	8,235	36
68	4/12/2024	8,202	8,025	36
69	4/12/2024	7,991	7,814	36

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**CONSTANCE TAYLOR Wtz 10H
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/othr
1	3/16/2024	82.2	8,767	4,591	4,863	192,940	6,113	0
2	3/17/2024	79.3	8,459	6,876	5,482	315,280	9,874	0
3	3/18/2024	78.7	8,518	6,334	5,289	314,760	9,483	0
4	3/18/2024	90	9,136	4,228	5,196	313,800	9,048	0
5	3/19/2024	92	9,101	4,493	5,142	311,020	8,958	0
6	3/19/2024	90	8,915	5,391	5,196	306,760	8,668	0
7	3/20/2024	79.2	8,267	5,642	5,185	309,240	8,518	0
8	3/20/2024	89	9,218	6,238	5,317	311,080	8,616	0
9	3/21/2024	75.8	8,330	5,714	5,564	312,660	8,294	0
10	3/21/2024	89	9,196	6,141	5,369	309,620	8,260	0
11	3/21/2024	86	8,367	4,633	5,297	314,000	8,060	0
12	3/22/2024	89.5	9,285	5,805	5,236	309,520	8,121	0
13	3/22/2024	93	8,711	5,893	5,478	316,420	8,673	0
14	3/23/2024	95	9,290	3,561	5,416	316,300	8,725	0
15	3/23/2024	78.2	8,628	5,287	4,961	314,400	7,875	0
16	3/23/2024	85.7	8,512	3,026	5,120	313,100	7,604	0
17	3/24/2024	95	8,960	4,562	5,941	313,080	7,805	0
18	3/24/2024	82.9	8,878	6,468	4,982	310,140	7,773	0
19	3/24/2024	94.2	9,288	5,971	5,289	306,680	7,561	0
20	3/25/2024	86.9	8,782	5,326	5,678	307,940	7,571	0
21	3/25/2024	88	8,800	5,386	5,267	313,900	7,967	0
22	3/26/2024	75.3	7,552	5,007	4,655	312,180	8,794	0
23	3/26/2024	81.6	8,624	5,465	5,265	314,460	9,034	0
24	3/27/2024	95	8,777	8,411	5,419	313,380	7,950	0
25	3/27/2024	87.3	9,086	6,597	4,755	310,880	7,962	0
26	3/27/2024	93.5	9,238	6,420	4,898	316,660	8,510	0
27	3/28/2024	85.4	8,369	5,646	5,146	311,360	8,561	0
28	3/28/2024	92.9	8,953	6,311	4,417	316,940	8,403	0
29	3/28/2024	82.5	8,635	6,470	4,469	312,820	8,316	0
30	3/29/2024	87.9	8,960	6,587	4,702	313,920	8,339	0
31	3/29/2024	98.3	8,842	4,995	4,977	314,900	8,317	0
32	3/29/2024	85.6	8,643	5,019	4,798	312,500	8,344	0
33	3/30/2024	87.2	8,356	5,107	4,417	313,200	8,480	0
34	3/30/2024	92.6	8,559	6,004	4,963	314,440	8,383	0
35	3/31/2024	82.7	8,119	5,150	4,598	313,520	8,507	0
36	3/31/2024	86.4	8,571	6,647	4,815	314,820	8,419	0
37	4/1/2024	86.3	8,190	6,073	4,798	313,640	8,555	0
38	4/1/2024	93.2	8,414	5,540	4,875	315,020	8,391	0
39	4/1/2024	83	8,013	6,822	4,658	312,920	8,340	0
40	4/2/2024	91.3	7,865	5,248	4,610	313,800	8,305	0
41	4/2/2024	95.3	8,382	6,053	4,989	311,360	8,150	0
42	4/3/2024	97.4	8,518	6,357	4,698	311,360	8,859	0
43	4/3/2024	85.5	7,286	5,921	4,521	314,820	8,253	0
44	4/3/2024	85.6	7,863	5,162	4,989	312,580	8,400	0
45	4/4/2024	96.3	8,039	4,778	4,447	314,800	8,490	0
46	4/4/2024	97.6	7,982	4,414	4,975	309,020	8,320	0
47	4/5/2024	97	8,171	4,912	4,658	311,800	8,400	0
48	4/5/2024	89.9	7,852	4,280	4,138	314,060	8,453	0
49	4/5/2024	96.2	8,437	6,042	4,358	312,640	8,400	0
50	4/6/2024	86.6	7,564	5,256	4,469	315,640	8,400	0
51	4/6/2024	84.6	7,485	6,060	4,199	312,200	8,286	0
52	4/6/2024	97.6	8,091	4,970	4,436	316,920	8,400	0
53	4/7/2024	97.6	8,177	5,925	4,298	312,100	8,195	0

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**CONSTANCE TAYLOR WTZ 10H
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	4/7/2024	97.1	7,856	4,293	4,577	316,660	8,320	0
55	4/7/2024	97.6	8,012	4,383	4,268	316,100	8,195	0
56	4/8/2024	97.6	7,918	4,579	4,358	316,880	8,400	0
57	4/8/2024	85.8	7,097	4,357	4,236	315,800	8,111	0
58	4/8/2024	97.6	7,601	4,621	4,450	316,500	8,400	0
59	4/9/2024	91	7,239	4,929	4,350	315,900	8,400	0
60	4/9/2024	85.6	6,861	5,819	5,247	315,880	8,203	0
61	4/9/2024	87.8	7,256	4,698	4,359	314,640	8,400	0
62	4/10/2024	87.4	7,341	6,035	4,971	315,220	8,353	0
63	4/10/2024	87.9	7,235	6,292	5,124	314,560	8,373	0
64	4/11/2024	97.1	7,629	5,762	4,875	316,140	8,488	0
65	4/11/2024	97	7,812	5,921	4,258	315,400	8,557	0
66	4/11/2024	79.4	6,991	6,471	4,896	318,380	8,269	0
67	4/12/2024	86.6	7,602	3,122	4,963	316,380	8,177	0
68	4/12/2024	78.4	7,101	5,460	5,020	314,360	8,285	0
69	4/12/2024	78.3	6,817	5,087	5,023	316,560	8,118	0

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Well Name: Constance Taylor WTZ 10H

47103036090000

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	365.00	365.00	
Top of Salt Water	1467.00	1462.00	NA	NA	
Pittsburgh Coal	1394.00	1389.00	1400.00	1395.00	
Pottsville (ss)	1476.00	1471.00	1540.00	1534.00	
Raven Cliff (ss)	1878.00	1872.00	2225.00	2217.00	
Big Injun (ss)	2613.00	2608.00	2825.00	2814.00	
Berea (siltstone)	3181.00	3167.00	3204.00	3190.00	
Rhinestreet (shale)	6803.00	3769.00	7134.00	7084.00	
Cashaqua (shale)	7134.00	7084.00	7273.00	7194.00	
Middlesex (shale)	7273.00	7194.00	7370.00	7258.00	
Burket (shale)	7422.00	7289.00	7475.00	7316.00	
Tully (ls)	7475.00	7316.00	7522.00	7339.00	
Mahantango (shale)	7522.00	7339.00	7770.00	7426.00	
Marcellus (shale)	7770.00	7426.00	NA	NA	GAS

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	03/16/2024
Job End Date:	04/13/2024
State:	West Virginia
County:	Wetzel
API Number:	47-103-03609-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	CONSTANCE TAYLOR WTZ 10H
Latitude:	39.654458
Longitude:	-80.679159
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7559
Total Base Water Volume (gal)*:	24113444
Total Base Non Water Volume:	80018



Water Source	Percent
Surface Water, < 1000TDS	96.80%
Produced Water	3.20%

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					
Excelerate LX-15	SWN Well Services	Friction Reducer					
FE-1A	SWN Well Services	Iron Control					
HAI-501	SWN Well Services	Corrosion Inhibitor					
HCL	SWN Well Services	Solvent					
MC MX 2-2822	SWN Well Services	Scale Inhibitor					
Sand	SWN Well Services	Proppant					

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Tolicide 4Frac	SWN Well Services	Biocide					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	90.26563	
			Crystalline silica, quartz	14808-60-7	100.00000	9.62982	
			Complex Amine Compound	proprietary	50.00000	0.03765	
			Hydrochloric acid	7647-01-0	15.00000	0.03440	
			Hydrotreated light petroleum distillate	64742-47-8	25.00000	0.01882	
			Tetrakis (hydroxymethyl) phosphonium sulfate	55566-30-8	45.00000	0.00469	
			Surfactant	proprietary	5.00000	0.00376	
			Quaternary Ammonium Compounds	68424-85-1	8.00000	0.00078	
			Ethoxylated alcohols	proprietary	5.00000	0.00077	
			Acetic anhydride	108-24-7	65.00000	0.00075	
			Alkoxylated polyhydric alcohol	proprietary	1.00000	0.00075	
			Methanol	67-56-1	60.00000	0.00073	
			Polyethylenepoly- ethoxylated phosphonomethylated sodiumsalts	70900-16-2	20.00000	0.00051	
			Acetic acid	64-19-7	35.00000	0.00040	
			Ethanol	64-17-5	3.00000	0.00026	
			Sodium chloride	7647-14-5	5.00000	0.00013	
			Modified thiourea polymer	proprietary	30.00000	0.00011	
			Propargyl alcohol	107-19-7	5.00000	0.00002	

* 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)

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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

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

Designated Agent _____
Address _____

Geological Target Formation: MARCELLUS Depth 7558' TVD / 22316' MD feet
Perforation Interval 7814' / 22220' 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

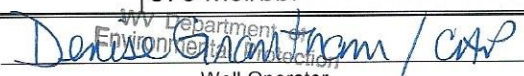
Start of Test Date 6/2/2024		Time 12:00am		End of Test Date 6/3/2024		Time 12:00am		Duration of Test 24 hrs	
Tubing Pressure n/a		Casing Pressure 1567 psi		Separator Pressure 476 psi		Separator Temperature 95 degF			
Oil Production During Test 46		Gas Production During Test 26537		Water Production During Test 752		Salinity 160,000 ppm			
Oil Gravity 68		Producing Method (flowing, pumping, gas lift etc.) free flowing up casing							

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 417 - 472"			Max. Static pressure range 481 psi		
Differential 450"			Static 476 psi		
Gas Gravity (Air = 1.0) Measured 0.68		Flowing Temperature 95 degF		Gas Temperature 95 degF	
24 Hour Coefficient 1		24 Hour coefficient pressure PSIA 14.65			

TEST RESULTS

Daily Oil 46	Daily Water 752	Daily Gas 26537	Gas-Oil Ratio 576 mcf/bbl
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 Denise Grantham / CW
 Well Operator

BY DENISE GRANTHAM
ITS: DESIGNATED REPRESENTATIVE 6/4/24

LATITUDE: 39°40'00" SURFACE HOLE (2000' SCALE)

LATITUDE: 39°40'00" BOTTOM HOLE (2000' SCALE)

3,527'

4,845'

4,434'

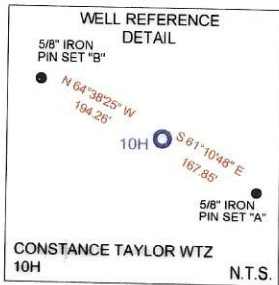
14,706'

LONGITUDE: 80°40'00" SURFACE HOLE (2000' SCALE)

LONGITUDE: 80°37'30" BOTTOM HOLE (2000' SCALE)

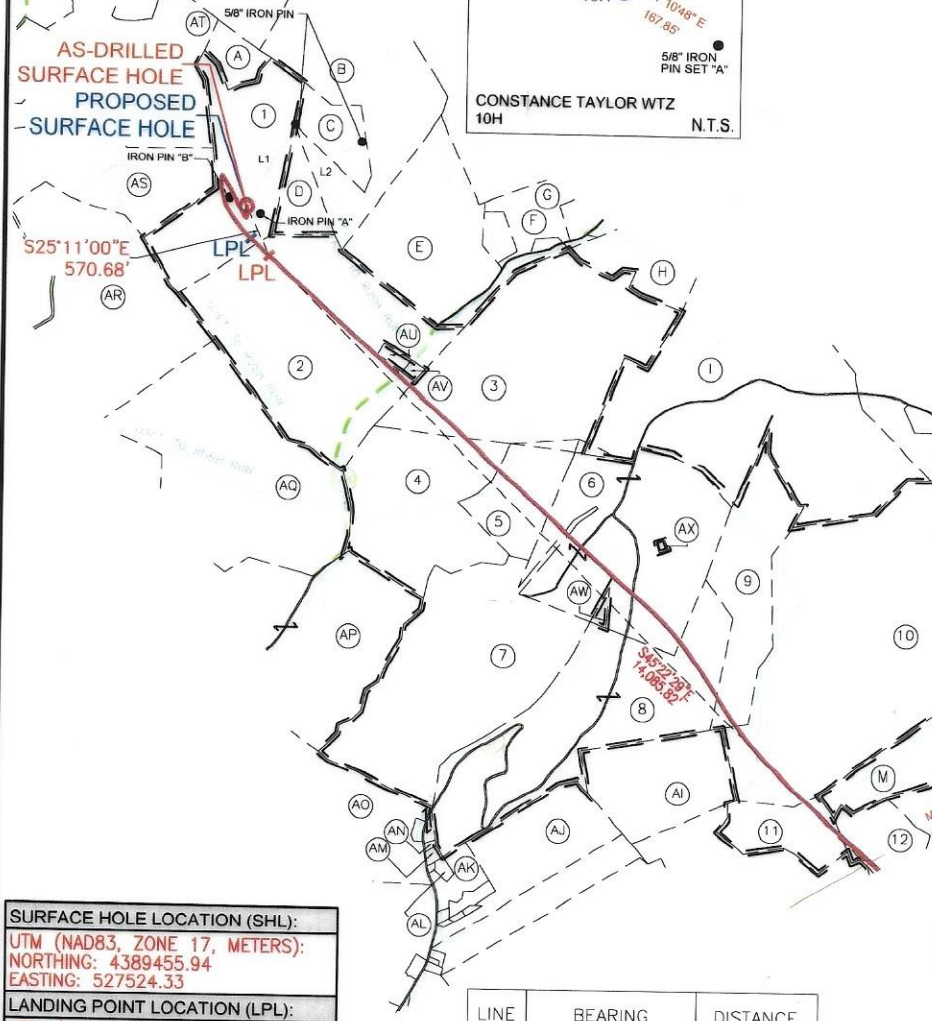
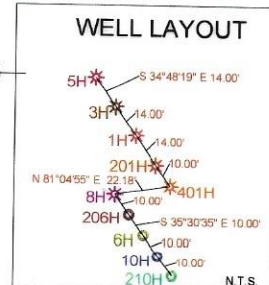


68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



NOTES ON SURVEY

- 1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- 2. 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.
- 3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- 4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- 5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- 6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- 7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4389455.94 EASTING: 527524.33

LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4389299.84 EASTING: 527600.93

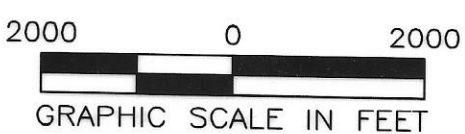
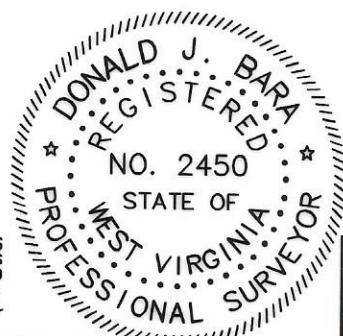
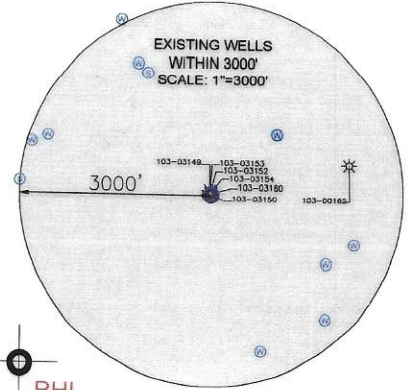
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4386336.30 EASTING: 530705.49

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4389455.94 EASTING: 527524.33

LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4389352.11 EASTING: 527541.99

BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4386342.08 EASTING: 530711.74

LINE	BEARING	DISTANCE
L1	N30°29'19"E	984.72'
L2	N60°02'31"E	1,383.22'



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. 2041

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

CONSTANCE TAYLOR WTZ
OPERATOR'S WELL #: 10H

API WELL #: 47 103 03609
STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH
DISTRICT: PROCTOR COUNTY: WETZEL
SURFACE OWNER: CONSTANCE A. TAYLOR
OIL & GAS ROYALTY OWNER: CONSTANCE A. TAYLOR
ELEVATION: 1430.1'
QUADRANGLE: WILEYVILLE, WV
ACREAGE: ±43.5
ACREAGE: ±43.5

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 08/16/2024

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,559' TVD 22,316' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:
● EXISTING BOTTOM HOLE
★ EXISTING / PRODUCING WELLHEAD
LPL★ EXISTING LANDING POINT LOCATION
○ PROPOSED SURFACE HOLE / BOTTOM HOLE
LPL○ PROPOSED LANDING POINT LOCATION

— ACCESS ROAD
— PUBLIC ROAD
— FLOOD PLAIN
— LEASE BOUNDARY
— AS-DRILLED PATH
— PROPOSED PATH

REVISIONS:

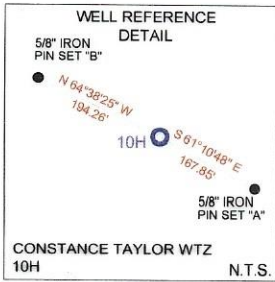
DATE: 03-12-2024
API NO: 47-103-03609
DRAWN BY: Z. WOOD
SCALE: 1" = 2000'
DRAWING NO: 2020-0557
WELL LOCATION PLAT

LATITUDE: 39°40'00" SURFACE HOLE (2000' SCALE) | 3,527'

LATITUDE: 39°40'00" BOTTOM HOLE (2000' SCALE) | 4,845'



68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



NOTES ON SURVEY

- 1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. 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.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

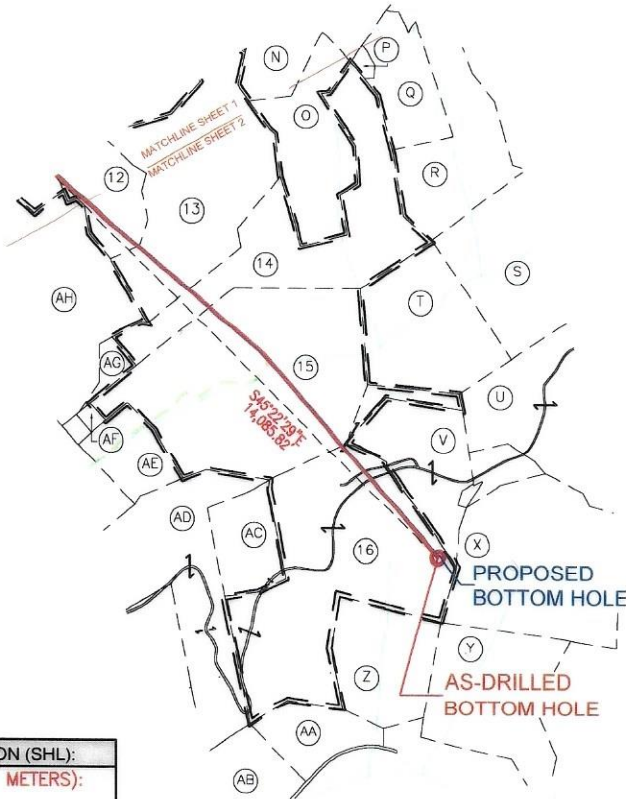
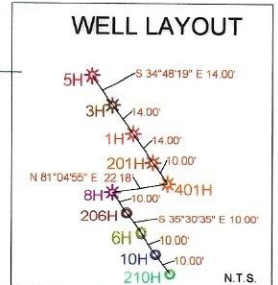
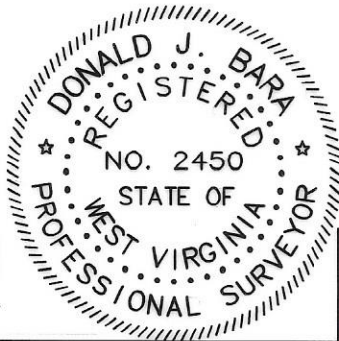
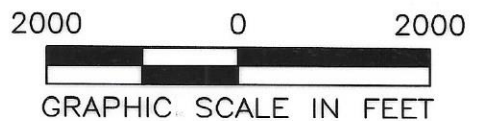
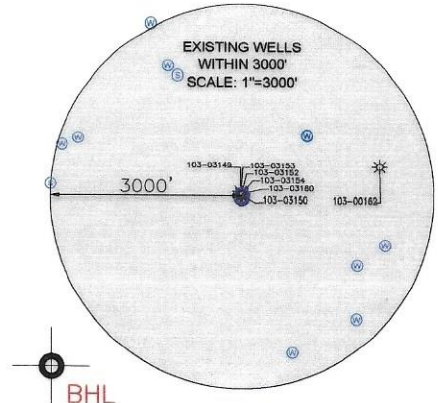


Table with 4 columns: LOCATION, UTM (NAD83, ZONE 17, METERS), NORTHING, EASTING. Rows include SURFACE HOLE LOCATION (SHL), LANDING POINT LOCATION (LPL), and BOTTOM HOLE LOCATION (BHL).

Table with 3 columns: LINE, BEARING, DISTANCE. Rows include L1 (N30°29'19"E, 984.72') and L2 (N60°02'31"E, 1,383.22').



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. 2041

COMPANY:



Production Company, LLC Production Company™



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

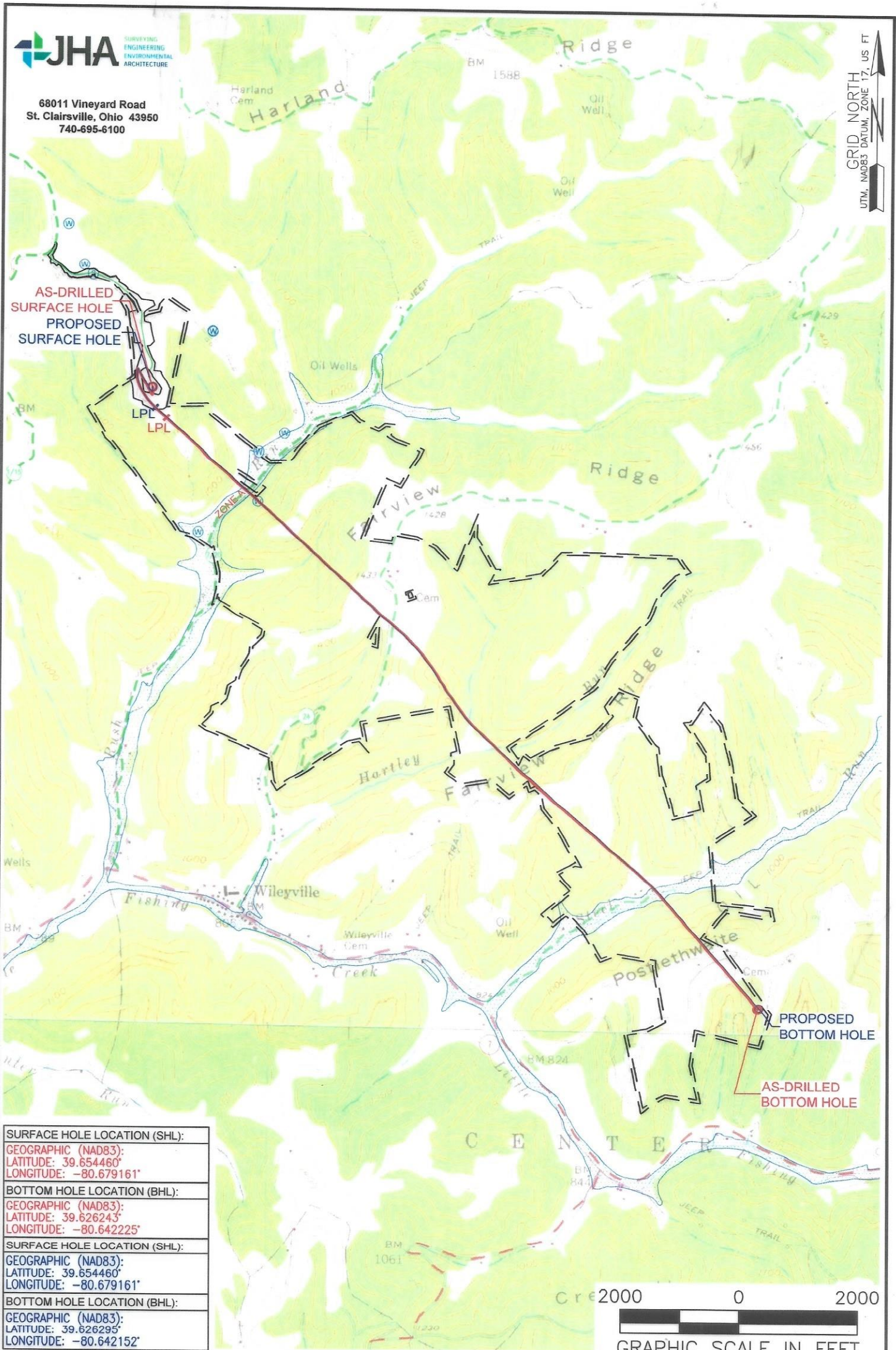
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SURVEY SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

Table with columns: OPERATOR'S WELL # (10H), API WELL # (47, 103, 03609), STATE, COUNTY, PERMIT.

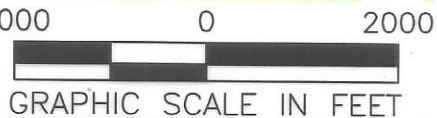
WELL TYPE: OIL [] WASTE DISPOSAL [] PRODUCTION [X] DEEP [] GAS [X] LIQUID INJECTION [] STORAGE [] SHALLOW [X]
WATERSHED: UPPER OHIO SOUTH
DISTRICT: PROCTOR COUNTY: WETZEL ELEVATION: 1430.1'
SURFACE OWNER: CONSTANCE A. TAYLOR QUADRANGLE: WILEYVILLE, WV
OIL & GAS ROYALTY OWNER: CONSTANCE A. TAYLOR ACREAGE: ±43.5
DRILL [] DRILL DEEPER [] REDRILL [] FRACTURE OR STIMULATE [] PLUG OFF OLD FORMATION [] PERFORATE NEW FORMATION []
CONVERT [] PLUG & ABANDON [] CLEAN OUT & REPLUG [] OTHER CHANGE [X] (SPECIFY) AS-DRILLED 08/16/2024
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,559' TVD 22,316' TMD

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

Table with 2 columns: LEGEND (EXISTING BOTTOM HOLE, EXISTING / PRODUCING WELLHEAD, etc.) and REVISIONS (DATE: 03-12-2024, API NO: 47-103-03609, etc.)



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.654460' LONGITUDE: -80.679161'
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.626243' LONGITUDE: -80.642225'
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.654460' LONGITUDE: -80.679161'
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.626295' LONGITUDE: -80.642152'



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.
 3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:	08/16/2024
● EXISTING BOTTOM HOLE	— PUBLIC ROAD
● EXISTING / PRODUCING WELLHEAD	— FLOOD PLAIN
LPL* EXISTING LANDING POINT LOCATION	— LEASE BOUNDARY
● PROPOSED SURFACE HOLE / BOTTOM HOLE	— AS DRILLED PATH
LPL* PROPOSED LANDING POINT LOCATION	— PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CONSTANCE TAYLOR WTZ	WELL # 10H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: WETZEL	CODE: 103	DISTRICT: PROCTOR
SURFACE OWNER: CONSTANCE A. TAYLOR	USGS 7 1/2 QUADRANGLE MAP NAME: WILEYVILLE, WV		
API # 47-103-03609			

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
1	TAYLOR CONSTANCE A (S/R)	12-18-5	AT	BLAKE BRENT PAUL ETAL	12-14-32.3
2	WELLS TIMOTHY N	12-18-12	AU	TORMAN STEVE & TORMAN ROBERT, MILLER DIANA & MONROE PEGGY	12-18-12.1
3	RIGGS MILLARD F SR	1-9-9	AV	DAY PENNY LYNN	12-18-12.2
4	REED VICKY A	12-18-19	AW	ADAMS BESSIE & OSGAY CALVERT	1-13-2
5	DORTON BOBBY J & DEBORAH G	12-18-20	AX	KIRKLAND CEMETERY	1-13-3
6	DORTON BOBBY J & DEBORAH G	1-13-1			
7	MORRIS PATRICK L	1-13-7			
8	MORRIS PATRICK L	1-13-8			
9	MORRIS PATRICK L	1-13-4			
10	WYKERT LEWIS EST & ALBERTA, (ALBERTA WYKERT - LIFE EST)	1-13-5			
11	BERGER RAYNE E	1-13-14			
12	RAY CHRISTOPHER O & KAREN, HAY L WAYNE II & BRENDA	1-13-16			
13	RAY CHRISTOPHER & KAREN, HAY L WAYNE II & BRENDA	1-13-17			
14	CHANNELL RONALD F & VIVIAN J	1-13-26			
15	CHANNELL RONALD F & VIVIAN J	1-13-34			
16	GREATHOUSE ARLES, GREATHOUSE ROBERT W	1-13-45			
ADJOINING OWNERS TABLE					
TRACT	SURFACE OWNER	TAX PARCEL			
A	TAYLOR CONSTANCE A	12-14-33			
B	BECKER ERICK D & PHYLLIS	12-18-7			
C	BECKER ERICK D & PHYLLIS M	12-18-7.1			
D	BECKER ERICK D & PHYLLIS M	12-18-6			
E	REED VICKY ANN	1-9-3			
F	RIGGS MILLARD F SR	1-9-8			
G	RICHMAN TROY	1-9-3.1			
H	PATRICK ROGER, BEVER DONALD A	1-9-1			
I	HUGGINS FAMILY IRREVOCABLE	1-9-10			
J	WYKERT LEWIS N EST, (ALBERTA WYKERT - LIFE)	1-9-11			
K	CAIN SAMUEL EST &, CAIN GLEN JR	1-10-46			
L	CAIN SAMUEL EST &, CAIN GLEN JR	1-14-1			
M	BYLER GARRY L, WRIGHT DAVID W, CSONKA DONNA	1-13-9			
N	CAIN SAMUEL HRS	1-13-10			
O	WYKERT WAYNE E, WYKERT WAYNE E II	1-13-18			
P	WYKERT WAYNE E, WYKERT WAYNE E II	1-13-19			
Q	WYKERT WAYNE E, WYKERT WAYNE E II	1-14-20			
R	CADLE EARNEST HOWARD, LIVING TRUST	1-14-57			
S	MCELROY GEORGE F, BARTH GOLDIE	1-14-35			
T	CHANNELL RONALD F & VIVIAN J	1-14-34			
U	THOMAS JACK W	1-14-36			
V	EVANS ELLEN K & ETAL	1-14-56			
X	LEMASTERS RANDY W	1-14-45			
Y	YEAGER DIANNA R & WALLICK DARL, L/E MCBEE DALE LEMOINE	1-18-1			
Z	GREATHOUSE ROBERT WILLIAM	1-17-7			
AA	WILLEY WANDA KAY	1-17-13.8			
AB	MCBEE THOMAS D SCYOC RICHARD RIDER	1-17-12			
AC	GREATHOUSE ARLES, GREATHOUSE ROBERT W	1-13-44			
AD	GREATHOUSE ROBERT W & KATHY D	1-13-43			
AE	CHANNELL RONALD F & VIVIAN J	1-13-34.2			
AF	MELOTT MICHAEL W, L/E MELOTT MARTIN E SR	1-13-34.1			
AG	WEST BRUCE & MARY	1-13-46			
AH	POSTLETHWAIT TRAVIS J	1-13-15			
AI	PHILLIPS TERRY A & CATHLENE L	1-13-14.1			
AJ	MORRIS PHILLIP JAY	1-13-13			
AK	PHILLIPS TERRY A & CATHLENE L	1-13-22			
AL	PHILLIPS WILLIAM N	1-13-22.1			
AM	PHILLIPS WILLIAM	1-13-12.1			
AN	WILSON LLOYD W & HELEN M	1-13-12.2			
AO	SMITH STANLEY D & HILDA G	1-13-12			
AP	MELOTT FLOYD D, MELOTT DANIEL L	1-13-6			
AQ	WELLS TIMOTHY N	12-18-18			
AR	BLAKE TYLER C	12-18-11			
AS	BLAKE KIP MARTIN & SANDRA K	12-18-4.1			

08/16/2024

REVISIONS:	COMPANY: SWN Production Company, LLC		DATE: 03-12-2024	
	OPERATOR'S: CONSTANCE TAYLOR WTZ		API NO: 47-103-03609	
	WELL #: 10H		DRAWN BY: Z. WOOD	
	DISTRICT: PROCTOR	COUNTY: WETZEL	STATE: WV	SCALE: N/A
				DRAWING NO: 2020-0557
				WELL LOCATION PLAT