

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 47-103-03360 County WETZEL District PROCTOR
Quad WILEYVILLE, WV Pad Name CONSTANCE TAYLOR-WTZ-PAD1 Field/Pool Name VICTORY FIELD WET
Farm name CONSTANCE A. TAYLOR Well Number CONSTANCE TAYLOR WTZ 401H
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 4,389,464.46 Easting 527,525.60
Landing Point of Curve Northing 4,389,076.98 Easting 526,890.90
Bottom Hole Northing 4,391,869.88 Easting 523,682.86

Elevation (ft) 1,430.1' 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

Date permit issued 7/28/2020 Date drilling commenced 12/4/2020 Date drilling ceased 12/18/2020
Date completion activities began 01/27/2021 Date completion activities ceased 03/23/2021
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' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,467' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1,385' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
Suzan Kamin
8/13/2021

API 47- 103 - 03360

Farm name CONSTANCE A. TAYLOR

Well number CONSTANCE TAYLOR WTZ 401H

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	470	NEW	J-55/54.50#	175.7' / 133.8'	Y; 38 BBLS
Coal	SEE INTERMEDIATE						
Intermediate 1	12.25	9.625	2,900	NEW	J-55/36#		Y; 25 BBLS
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	22,224	NEW	P-110/20#		Y; 122 BBLS
Tubing							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	523	15.60	1.19	622.37	SURFACE	8
Coal	SEE INTERMEDIATE						
Intermediate 1	CLASS A	927	15.60	1.18	1,093.86	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,977	15.60	1.18	4,692.86	SURFACE	24
Tubing							

Drillers TD (ft) 22,224'

Loggers TD (ft) 22,224'

Deepest formation penetrated MARCELLUS

Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 7,093'

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

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 _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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08/13/2021

API 47- 103 - 03360 Farm name CONSTANCE A. TAYLOR Well number CONSTANCE TAYLOR Wtz 401H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
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Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
	SEE	ATTACHMENT	2					

Please insert additional pages as applicable.

API 47- 103 - 03360 Farm name CONSTANCE A. TAYLOR Well number CONSTANCE TAYLOR WTZ 401H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
MARCELLUS	7,395'	TVD 7,970' MD

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Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1,465 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 6,445 mcfpd Oil 125 bpd NGL _____ bpd Water 178 bpd
GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		
	SEE	ATTACHMENT	3		

Please insert additional pages as applicable.

Drilling Contractor SWN DRILLING COMPANY
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Logging Company BAKER HUGHES
Address 9110 GROGANS MILL RD City THE WOODLANDS State TX Zip 77380

Cementing Company BJ SERVICES
Address 11211 FM 2920 City TOMBALL State TX Zip 77377

Stimulating Company HALLIBURTON ENERGY SERVICES
Address 14851 MILNER ROAD, GATE 5A City HOUSTON State TX Zip 77032

Please insert additional pages as applicable.

Completed by DENISE GRANTHAM Telephone 832-796-6139
Signature *Denise Grantham* Title REGULATORY ANALYST Date 6.2.2021

Submission of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

08/13/2021

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	1/28/2021
Job End Date:	3/15/2021
State:	West Virginia
County:	Wetzel
API Number:	47-103-03360-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	CONSTANCE TAYLOR WTZ 401H
Latitude:	39.65453000
Longitude:	-80.67914000
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,420
Total Base Water Volume (gal):	24,358,641
Total Base Non Water Volume:	0

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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
Produced Water	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	90.08012	Density = 8.34
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.45164	

MC MX 8-4743	MultiChem	Additive					
				Listed Below			
HYDROCHLORIC ACID, 22 BAUME	Halliburton	Solvent					
				Listed Below			
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant					
				Listed Below			
FE-2A	Halliburton	Additive					
				Listed Below			
Sand-Premium White-40/70	Halliburton	Proppant					
				Listed Below			
LEGEND(TM) LD-7750W	MultiChem	Scale Control					
				Listed Below			
Excelerate LX-15	Halliburton	Friction Reducer					
				Listed Below			
HAI-501	Halliburton	Acid Corrosion Inhibitor					
				Listed Below			
Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.							
			Crystalline silica, quartz	14808-60-7	100.00000	9.32268	

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			Hydrochloric acid	7647-01-0	30.00000	0.04798	
			Complex Amine Compound	Proprietary	60.00000	0.03812	
			Sodium nitrate	7631-99-4	60.00000	0.02123	
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01906	
			Methanol	67-56-1	100.00000	0.00529	
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8	5.00000	0.00318	
			Surfactant	Proprietary	5.00000	0.00318	
			Citric acid	77-92-9	60.00000	0.00256	
			Sodium molybdate	10102-40-6	5.00000	0.00177	
			Ethoxylated alcohols	Proprietary	5.00000	0.00065	
			Alkoxylated polyhydric alcohol	Proprietary	1.00000	0.00064	
			Organic chloride compound	Proprietary	1.00000	0.00064	
			Sodium chloride	7647-14-5	5.00000	0.00045	
			Phosphoric Acid Salt	Proprietary	5.00000	0.00042	
			Modified thiourea polymer	Proprietary	30.00000	0.00009	
			Mixture of dimer and trimer fatty acids of indefinite composition derived from tall oil	61790-12-3	30.00000	0.00009	
			Sodium lactate	72-17-3	0.10000	0.00004	
			Yeast extract	8013-01-2	0.10000	0.00004	
			Sodium acetate	127-09-3	0.10000	0.00004	
			Monopotassium phosphate	7778-77-0	0.10000	0.00004	
			Formaldehyde	50-00-0	0.10000	0.00002	
			Hexadecene	629-73-2	5.00000	0.00002	
			Propargyl alcohol	107-19-7	5.00000	0.00002	
			Sodium glycolate	2836-32-0	0.01000	0.00001	
			Organic salt #2	Proprietary	0.01000	0.00001	
			Nitrated acetate salt	Proprietary	0.01000	0.00001	

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			Organic salt #1	Proprietary	0.01000	0.00001	
			Sodium hydroxide	1310-73-2	0.01000	0.00001	
			Acrylamide	79-06-1	0.01000	0.00001	

* 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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CONSTANCE TAYLOR WTZ 401H

ATTACHMENT 1

PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	1/17/2021	22,153	22,059	36
2	1/29/2021	22,000	21,823	36
3	1/30/2021	21,786	21,609	36
4	1/30/2021	21,573	21,396	36
5	1/31/2021	21,363	21,186	36
6	2/1/2021	21,150	20,973	36
7	2/1/2021	20,931	20,754	36
8	2/2/2021	20,721	20,544	36
9	2/2/2021	20,504	20,327	36
10	2/3/2021	20,287	20,110	36
11	2/4/2021	20,071	19,894	36
12	2/4/2021	19,858	19,681	36
13	2/5/2021	19,644	19,467	36
14	2/8/2021	19,428	19,251	36
15	2/9/2021	19,210	19,033	36
16	2/11/2021	19,003	18,826	36
17	2/12/2021	18,790	18,613	36
18	2/13/2021	18,585	18,408	36
19	2/14/2021	18,369	18,192	36
20	2/14/2021	18,155	17,978	36
21	2/16/2021	17,942	17,765	36
22	2/17/2021	17,728	17,551	36
23	2/18/2021	17,517	17,340	36
24	2/19/2021	17,303	17,126	36
25	2/19/2021	17,088	16,911	36
26	2/20/2021	16,874	16,697	36
27	2/20/2021	16,659	16,482	36
28	2/21/2021	16,444	16,267	36
29	2/21/2021	16,227	16,050	36
30	2/22/2021	16,015	15,838	36
31	2/23/2021	15,807	15,630	36
32	2/23/2021	15,593	15,416	36
33	2/24/2021	15,385	15,208	36
34	2/24/2021	15,168	14,991	36
35	2/25/2021	14,962	14,785	36
36	2/25/2021	14,750	14,573	36
37	2/26/2021	14,532	14,355	36
38	2/27/2021	14,322	14,145	36
39	2/27/2021	14,114	13,937	36
40	2/28/2021	13,908	13,731	36
41	2/28/2021	13,707	13,530	36
42	3/1/2021	13,499	13,322	36
43	3/1/2021	13,285	13,108	36
44	3/2/2021	13,069	12,892	36
45	3/2/2021	12,852	12,675	36

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ATTACHMENT 1

PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
46	3/3/2021	12,639	12,462	36
47	3/3/2021	12,422	12,245	36
48	3/4/2021	12,209	12,032	36
49	3/5/2021	11,994	11,817	36
50	3/5/2021	11,779	11,602	36
51	3/5/2021	11,569	11,392	36
52	3/6/2021	11,355	11,178	36
53	3/6/2021	11,147	10,970	36
54	3/7/2021	10,930	10,753	36
55	3/7/2021	10,718	10,541	36
56	3/8/2021	10,506	10,329	36
57	3/8/2021	10,295	10,118	36
58	3/9/2021	10,085	9,908	36
59	3/9/2021	9,870	9,693	36
60	3/10/2021	9,657	9,480	36
61	3/10/2021	9,443	9,266	36
62	3/11/2021	9,226	9,049	36
63	3/12/2021	9,011	8,834	36
64	3/12/2021	8,798	8,621	36
65	3/13/2021	8,587	8,410	36
66	3/14/2021	8,371	8,194	36
67	3/14/2021	8,160	8,006	36

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CONSTANCE TAYLOR WTZ 401H

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	1/28/2021	86.6	9,979	8,175	3,644	204,600	6,105	0
2	1/29/2021	95.6	9,595	5,789	3,931	320,740	9,723	0
3	1/30/2021	93.9	9,824	5,985	4,072	328,000	10,306	0
4	1/31/2021	98.4	9,943	5,627	4,177	320,600	8,810	0
5	2/1/2021	88.4	9,946	6,567	4,267	325,440	8,963	0
6	2/1/2021	91.8	9,738	6,787	4,362	325,900	9,191	0
7	2/1/2021	90.1	9,193	6,642	4,635	331,480	9,010	0
8	2/2/2021	95.3	9,397	6,121	4,469	335,500	9,367	0
9	2/3/2021	88.6	8,809	7,150	4,566	327,840	10,467	0
10	2/3/2021	89.4	9,055	6,455	4,181	322,480	9,437	0
11	2/4/2021	85.4	9,290	6,966	4,294	328,220	11,051	0
12	2/4/2021	90.2	9,591	6,627	4,023	324,800	9,170	0
13	2/5/2021	94.2	9,255	6,510	4,337	318,680	9,246	0
14	2/9/2021	97.5	9,470	6,492	4,156	321,380	8,951	0
15	2/9/2021	97.7	8,997	4,900	4,460	323,600	8,808	0
16	2/12/2021	98.6	9,085	6,346	4,372	329,980	9,415	0
17	2/13/2021	99.1	9,109	6,313	3,933	305,560	8,640	0
18	2/14/2021	94.8	9,372	5,644	4,563	305,730	9,017	0
19	2/14/2021	99.1	9,237	6,684	4,188	309,260	8,719	0
20	2/16/2021	96.7	8,784	5,989	4,473	327,160	11,112	0
21	2/17/2021	96.9	9,229	6,414	4,874	309,110	8,839	0
22	2/18/2021	97.6	8,989	6,347	5,131	330,200	8,901	0
23	2/19/2021	98.7	9,683	6,695	4,833	306,280	8,729	0
24	2/19/2021	99.3	9,085	6,112	4,403	312,280	8,881	0
25	2/20/2021	97.6	8,852	6,102	4,412	311,110	8,691	0
26	2/20/2021	97.9	9,143	6,377	4,336	310,250	8,731	0
27	2/21/2021	98.2	8,923	6,484	4,465	308,550	8,802	0
28	2/21/2021	98.6	9,023	6,095	4,696	322,280	8,844	0
29	2/22/2021	98.8	8,890	5,908	4,388	307,030	8,994	0
30	2/23/2021	96.9	8,915	6,147	4,287	309,080	8,946	0
31	2/23/2021	99	9,085	6,133	4,823	307,394	8,453	0
32	2/24/2021	99.1	8,951	5,802	4,544	310,010	8,474	0
33	2/24/2021	98.2	9,152	5,841	4,497	309,887	8,785	0
34	2/24/2021	98.1	8,917	5,845	4,642	313,000	8,538	0
35	2/25/2021	99.5	8,947	6,057	4,371	330,560	8,780	0
36	2/26/2021	99.9	9,293	6,132	4,663	313,842	8,574	0
37	2/27/2021	98.6	9,174	6,409	4,749	310,570	8,526	0
38	2/27/2021	98.6	9,709	6,217	4,860	326,000	8,845	0
39	2/27/2021	99.5	9,262	6,181	4,597	324,080	8,712	0
40	2/28/2021	99.3	8,958	6,037	4,489	307,693	8,563	0
41	3/1/2021	98.7	8,820	6,314	4,805	310,280	8,361	0
42	3/1/2021	99	8,918	6,155	4,987	309,018	8,290	0
43	3/2/2021	98.8	9,044	6,388	4,633	308,890	8,400	0
44	3/2/2021	99.4	9,398	6,555	4,499	313,553	8,367	0
45	3/3/2021	99.4	9,146	6,306	4,734	311,230	8,409	0
46	3/3/2021	99.7	8,957	6,653	4,623	310,418	8,283	0
47	3/4/2021	98.9	8,755	7,573	4,837	309,960	8,479	0
48	3/4/2021	99.8	9,274	6,496	4,714	312,340	8,295	0
49	3/5/2021	98.2	9,034	5,909	4,401	310,843	8,145	0
50	3/5/2021	99.5	9,211	6,431	4,944	314,109	8,389	0
51	3/6/2021	98	9,064	6,553	4,495	313,878	8,247	0
52	3/6/2021	100	9,115	6,577	5,164	314,310	8,331	0
53	3/7/2021	100	9,058	6,608	4,315	313,560	8,173	0
54	3/7/2021	99.7	9,001	6,507	4,792	315,682	8,615	0
55	3/8/2021	99.7	8,945	7,072	4,735	312,320	8,227	0
56	3/8/2021	99.3	8,686	7,031	4,340	309,915	8,424	0

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CONSTANCE TAYLOR Wtz 401H

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
57	3/8/2021	99.3	8,836	6,916	4,741	324,160	8,222	0
58	3/9/2021	98	8,747	6,993	4,702	307,900	8,155	0
59	3/10/2021	100	8,761	7,562	4,628	312,330	8,212	0
60	3/10/2021	100	8,489	7,082	4,664	306,400	8,111	0
61	3/11/2021	98.6	8,759	7,125	4,424	305,940	8,851	0
62	3/12/2021	99.5	8,576	7,112	4,564	305,490	7,700	0
63	3/12/2021	99.9	8,345	6,787	4,387	314,400	7,923	0
64	3/13/2021	97.1	8,275	6,676	4,127	311,140	8,712	0
65	3/13/2021	97.6	8,218	5,930	4,242	307,520	8,059	0
66	3/14/2021	99.7	7,378	5,606	4,096	312,920	7,616	0
67	3/15/2021	99.1	7,312	5,853	3,827	310,090	7,690	0

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Well Name: **Constance Taylor Wtz 401H** **4710303360000**

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	1467.00	NA	NA	
Pittsburgh Coal	1385.00	1385.00	1391.00	1391.00	
Pottsville (ss)	1467.00	1467.00	1531.00	1531.00	
Raven Cliff (ss)	1872.00	1872.00	2217.00	2217.00	
Big Injun (ss)	2602.00	2602.00	3188.00	3160.00	
Berea (siltstone)	3250.00	3160.00	3322.00	3228.00	
Cashaqua (shale)	7416.00	7071.00	7602.00	7213.00	
Middlesex (shale)	7602.00	7213.00	7721.00	7288.00	
Burket (shale)	7721.00	7288.00	7740.00	7299.00	
Tully (ls)	7740.00	7299.00	7841.00	7349.00	
Mahantango (shale)	7841.00	7349.00	7970.00	7395.00	
Marcellus (shale)	7970.00	7395.00	NA	NA	GAS

RECEIVED
Office of
JUN 0 8
WV Dept.
Environmental Protection

RECEIVED
Office of Oil and Gas
JUN 0 3 2021
WV Department of
Environmental Protection

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

3523'

LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE)

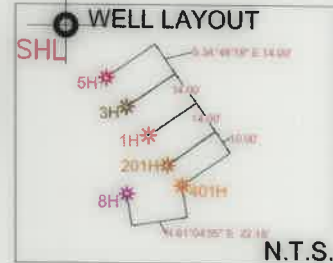
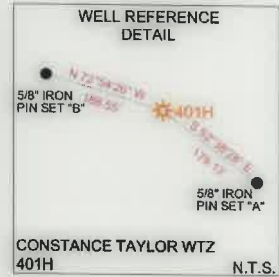
4366'



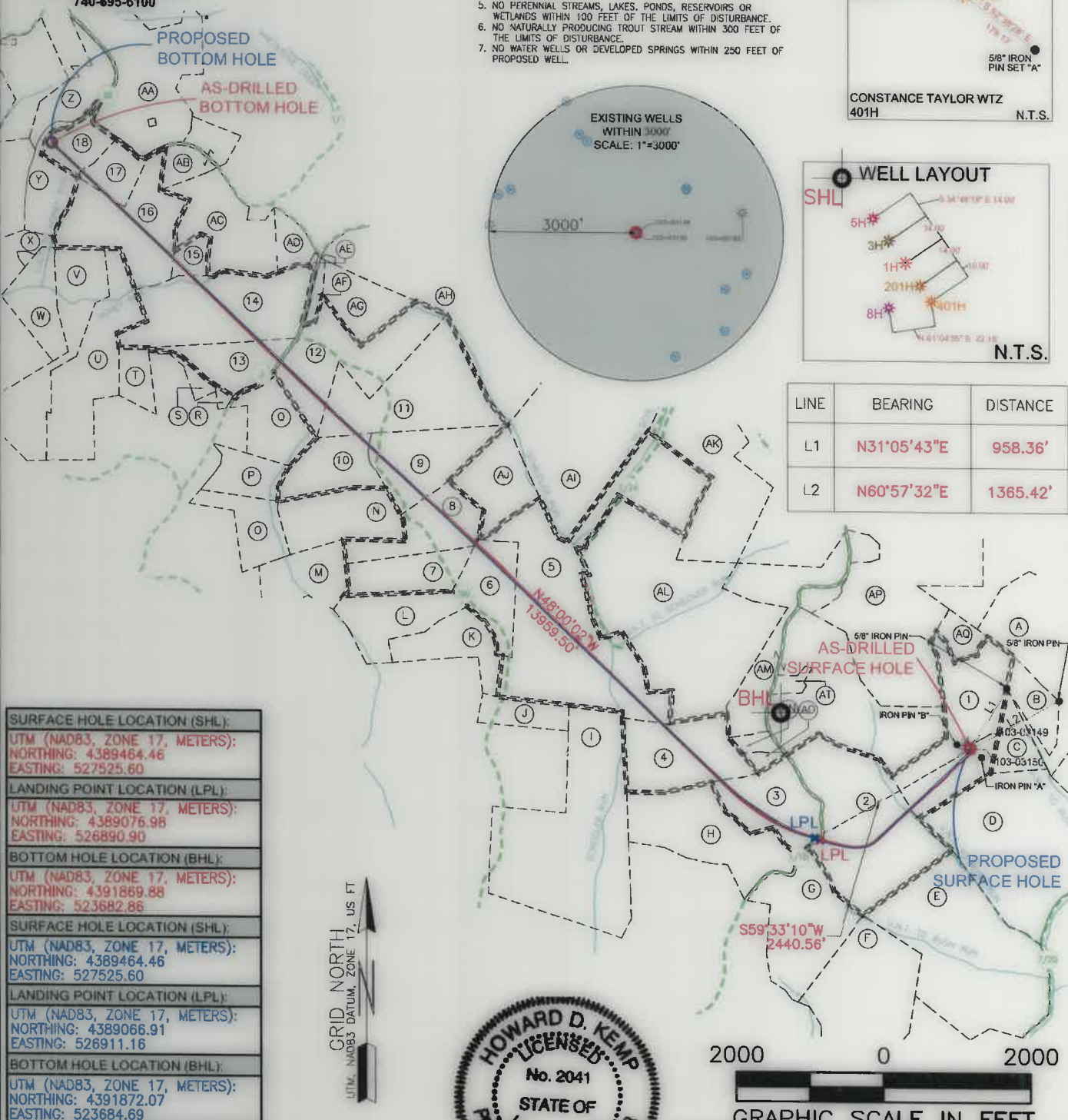
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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.

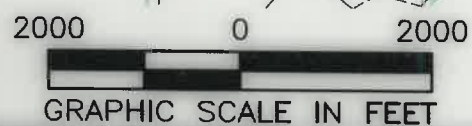


LINE	BEARING	DISTANCE
L1	N31°05'43"E	958.36'
L2	N60°57'32"E	1365.42'



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389464.46 EASTING: 527525.60
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389076.98 EASTING: 526890.90
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4391869.88 EASTING: 523682.86
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389464.46 EASTING: 527525.60
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4389066.91 EASTING: 526911.16
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4391872.07 EASTING: 523684.69

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



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 Production Company™

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	CONSTANCE TAYLOR WTZ			
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 401H	API WELL #:	47	103
			STATE	COUNTY	PERMIT	

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1430.1'

DISTRICT: PROCTOR COUNTY: WETZEL QUADRANGLE: WILEYVILLE, WV

SURFACE OWNER: CONSTANCE A. TAYLOR ACREAGE: ±43.5

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 (SPECIFY) AS-DRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 08/13/2021 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

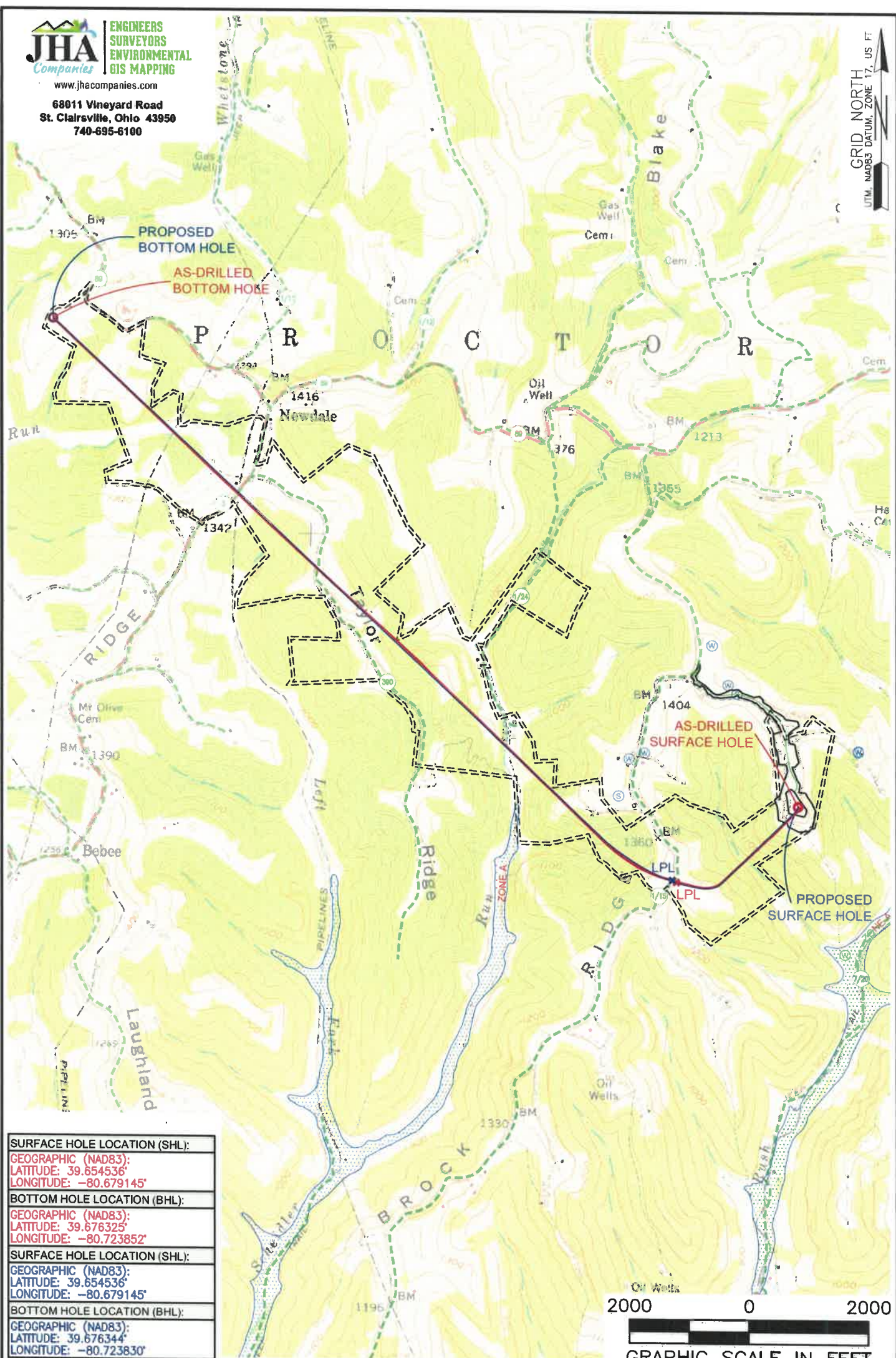
LEGEND:	REVISIONS:	DATE:
<ul style="list-style-type: none"> ● EXISTING BOTTOM HOLE ⊕ EXISTING / PRODUCING WELLHEAD LPL● EXISTING LANDING POINT LOCATION ● PROPOSED SURFACE HOLE / BOTTOM HOLE LPL● PROPOSED LANDING POINT LOCATION — ACCESS ROAD — PUBLIC ROAD — FLOOD PLAIN — LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH 		04-08-2021
		API NO: 47-103-03360
		DRAWN BY: R. GRIMES
		SCALE: 1" = 2000'
		DRAWING NO: 2020-557
		WELL LOCATION PLAT

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	CONSTANCE A. TAYLOR (S)/(R)	12-18-05.0
TRACT	SURFACE OWNER	TAX PARCEL
2	TYLER C. BLAKE	12-18-11.0
3	TYLER C. BLAKE	12-18-10.0
4	WANDA HUGGINS	12-18-01.0
5	BUSTER TERRY BLAKE	12-14-30.0
6	MICHAEL DAVID MCABEE	12-14-29.0
7	HARRY E. & MICHAEL MCABEE	12-14-28.0
8	HARRY E. & MICHAEL MCABEE	12-14-19.0
9	HARRY E. MCABEE, DAVID MICHAEL, & GARY SPEECE JR.	12-14-18.0
10	KEVIN R. & JAMES L. MOLYNEAUX	12-13-49.0
11	MARY C. & ROBERT JOHN OLSON	12-14-17.0
12	MARY C. & ROBERT JOHN OLSON	12-13-42.0
13	MARY C. & ROBERT JOHN OLSON	12-13-41.0
14	MARY C. & ROBERT JOHN OLSON	12-13-27.0
15	DWAYNE FRED GODDARD	12-13-16.4
16	CAROL MARTIN	12-13-15.4
17	JEREMY S. GODDARD	12-13-15.3
18	WAYNE EDWARD & MARY ANN GODDARD	12-13-15.0

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	ERICK D. & PHYLLIS BECKER	12-18-07.0
B	BENJAMIN SHANOWER	12-18-07.1
C	BENJAMIN SHANOWER	12-18-06.0
D	TIMOTHY N. WELLS	12-18-12.0
E	TIMOTHY N. WELLS	12-18-18.0
F	R.W. & VIOLA STRICKLINE	12-18-23.0
G	TYLER C. BLAKE	12-18-17.0
H	DAVID R. CALDERWOOD	12-18-09.0
I	COASTAL FOREST RESOURCE CO.	12-18-08.0
J	HARRY E. & MICHAEL MCABEE	12-17-26.0
K	BUSTER & BARBARA A. BLAKE	12-17-13.0
L	BUSTER & BARBARA A. BLAKE	12-14-36.0
M	CATHERINE MCDOWELL	12-13-69.0
N	KEVIN R. & JAMES L. MOLYNEAUX	12-13-67.0
O	RANDY T. JEFFERS	12-13-66.0
P	BRENT A. BLAKE	12-13-48.0
Q	MARY C. & ROBERT JOHN BLAKE	12-13-41.2
R	ROBERT L. & RHONDA E. BLAKE	12-13-41.1
S	ROBERT L. & RHONDA E. BLAKE	12-13-41.4
T	JAMES K. GODDARD	12-13-39.2
U	CONNIE S. BURROUGH	12-13-38.0
V	CONNIE S. BURROUGH	12-13-37.0
W	TODD E. GODDARD	12-13-26.0
X	TODD E. GODDARD	12-13-15.5
Y	TODD E. GODDARD	12-13-15.7
Z	ROBERT A. & JACQUELINE GODDARD	12-13-15.1
AA	CLYDE V. & LISA K. STILLION	12-13-09.0
AB	JOSEPH HOHMAN	12-13-71.0
AC	DWAYNE FREDERICK GODDARD	12-13-16.0
AD	SWN PRODUCTION COMPANY, LLC	12-13-16.3
AE	UNKNOWN OWNER	12-13-29.0
AF	JAMES S. TAYLOR	12-13-28.0
AG	JAMES S. TAYLOR	12-13-31.0
AH	KOREY L. & VICKI S. KANN	12-14-10.0
AI	BUSTER BLAKE	12-14-12.1
AJ	GARY E. SPEECE JR.	12-14-20.0
AK	JAMES H. FOGG	12-14-21.2
AL	KIP MARTIN & SANDRA K. BLAKE	12-14-31.0
AM	KIP MARTIN & SANDRA K. BLAKE	12-18-04.1
AN	DAVID F. & ROSANNE POSTLETHWAIT	12-18-03.0
AO	WANDA JARRELL	12-18-02.0
AP	BRENT PAUL BLAKE, ETAL; L/E PAUL J. BLAKE	12-14-32.3
AQ	CONSTANCE A. TAYLOR	12-14-33.0

REVISIONS:

COMPANY:			 	
OPERATOR'S			CONSTANCE TAYLOR WTZ	
WELL #:			401H	
DISTRICT:		PROCTOR	COUNTY:	WETZEL
STATE:		WV	DATE:	04-08-2021
SCALE:		N/A	API NO:	47-103-03360
DRAWING NO:		2020-557	DRAWN BY: R. GRIMES	
WELL LOCATION PLAT				



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.654536°
LONGITUDE: -80.679145°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.676325°
LONGITUDE: -80.723852°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.654536°
LONGITUDE: -80.679145°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.676344°
LONGITUDE: -80.723830°

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:

- ⊙ EXISTING BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- LPL ⊙ EXISTING LANDING POINT LOCATION
- ⊙ PROPOSED SURFACE HOLE / BOTTOM HOLE
- LPL ⊙ PROPOSED LANDING POINT LOCATION
- ACCESS ROAD
- BCC ROAD
- FLOOD PLAN
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

08/13/2021

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: CONSTANCE TAYLOR WTZ	WELL # 401H	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 # 47-103-3360	