

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

API 47-009-00313 County BROOKE District BUFFALO
Quad TILTONSVILLE Pad Name BRIAN TESLOVICH PAD 1 Field/Pool Name PANHANDLE WET FIELD
Farm name BRIAN L. TESLOVICH Well Number BRIAN TESLOVICH BRK 405H
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 4,451,865.293 Easting 531,202.427
Landing Point of Curve Northing 4,452,462.294 Easting 531,965.556
Bottom Hole Northing 4,455,877.893 Easting 430,446.144

Elevation (ft) 1,149' 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 6/22/2020 Date drilling commenced 10/04/2021 Date drilling ceased 10/15/2021
Date completion activities began 2/16/2022 Date completion activities ceased 3/07/2022 RECEIVED
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A Office of Oil and Gas

MAY 03 2022

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

WV Department of
Environmental Protection

Freshwater depth(s) ft 115' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 405' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 258' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
[Signature] 8-25-22

Reviewed

09/09/2022

API 47-009 - 00313 Farm name BRIAN L. TESLOVICH Well number BRIAN TESLOVISH BRK 405H

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#		N
Surface	17.5	13.375	322'	NEW	J-55/54.5#	156'/195.5'	Y; 11 BBLS
Coal							
Intermediate 1	12.25	9.625	1,627'	NEW	J-55/36#		Y; 40 BBLS
Intermediate 2							
Intermediate 3							
Production	8.75	5.5	19,461'	NEW	P-110/20#		Y; 6 BBLS
Tubing		2.875	7,160'	NEW	P-110/6.50#		N
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	370	15.6	1.20	444	SURFACE	8
Coal							
Intermediate 1	CLASS A	667	15.6	1.19	793.73	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,608	15.0	1.29	4654.32	SURFACE	24
Tubing							

Drillers TD (ft) 19,461' Loggers TD (ft) 19,461'
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 6,004'

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: 5 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 INTERMEDIATE: 21 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 369 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

RECEIVED
Office of Oil and Gas
MAY 03 2022
WV Department of
Environmental Protection

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

API 47- 009 - 00313 Farm name BRIAN L. TESLOVICH Well number BRIAN TESLOVICH BRK 405H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>5,736'</u>	<u>TVD</u>	<u>6,898'</u> <u>MD</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2,218 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 5,677 mcfpd Oil 645 bpd NGL _____ bpd Water 1,293 bpd GAS MEASURED BY Estimated Orifice Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP</u>		<u>BOTTOM</u>		<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>DEPTH IN FT NAME TVD</u>	<u>DEPTH IN FT TVD</u>	<u>DEPTH IN FT MD</u>	<u>DEPTH IN FT MD</u>	
	<u>0</u>		<u>0</u>		
	<u>SEE</u>	<u>ATTACHMENT</u>	<u>3</u>		

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 SCHLUMBERGERWELL SERVICES
Address 110 SCHLUMBERGER DRIVE City SUGARLAND State TX Zip 77478

Stimulating Company PROFRAC
Address 333 SHOPS BLVD City WILLOW PARK State TX Zip 76087

Please insert additional pages as applicable.

Completed by CAROL PRUITT Telephone 832-796-3007
Signature *Carol Pruitt* Title SR. REGULATORY ANALYST Date 5.2.2022

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

09/09/2022

BRIAN TESLOVICH 405H**ATTACHMENT 1****PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
2	2/17/2022	19,221	19,043	36
3	2/17/2022	19,009	18,831	36
4	2/17/2022	18,797	18,619	36
5	2/17/2022	18,586	18,407	36
6	2/17/2022	18,374	18,195	36
7	2/18/2022	18,162	17,984	36
8	2/18/2022	17,950	17,772	36
9	2/18/2022	17,738	17,560	36
10	2/18/2022	17,527	17,348	36
11	2/18/2022	17,315	17,136	36
12	2/19/2022	17,103	16,925	36
13	2/19/2022	16,891	16,713	36
14	2/19/2022	16,679	16,501	36
15	2/19/2022	16,468	16,289	36
16	2/19/2022	16,256	16,077	36
17	2/20/2022	16,044	15,866	36
18	2/20/2022	15,832	15,654	36
19	2/20/2022	15,620	15,442	36
20	2/20/2022	15,409	15,230	36
21	2/20/2022	15,197	15,018	36
22	2/21/2022	14,985	14,807	36
23	2/21/2022	14,773	14,595	36
24	2/21/2022	14,561	14,383	36
25	2/21/2022	14,350	14,171	36
26	2/21/2022	14,138	13,959	36
27	2/21/2022	13,926	13,748	36
28	2/22/2022	13,714	13,536	36
29	2/22/2022	13,503	13,324	36
30	2/22/2022	13,291	13,112	36
31	2/22/2022	13,079	12,900	36
32	2/22/2022	12,867	12,689	36
33	2/23/2022	12,655	12,477	36
34	2/23/2022	12,444	12,265	36
35	2/23/2022	12,232	12,053	36
36	2/23/2022	12,020	11,841	36
37	2/23/2022	11,808	11,630	36
38	2/23/2022	11,596	11,418	36
39	2/24/2022	11,385	11,206	36
40	2/24/2022	11,173	10,994	36
41	2/24/2022	10,961	10,782	36
42	2/24/2022	10,749	10,571	36
43	2/24/2022	10,537	10,359	36

BRIAN TESLOVICH 405H
ATTACHMENT 1
PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
44	2/24/2022	10,326	10,147	36
45	2/25/2022	10,114	9,935	36
46	2/25/2022	9,902	9,723	36
47	2/25/2022	9,690	9,512	36
48	2/25/2022	9,478	9,300	36
49	2/25/2022	9,267	9,088	36
50	2/25/2022	9,055	8,876	36
51	2/25/2022	8,843	8,665	36
52	2/26/2022	8,631	8,453	36
53	2/26/2022	8,419	8,241	36
54	2/26/2022	8,208	8,029	36
55	2/26/2022	7,996	7,817	36
56	2/26/2022	7,784	7,606	36
57	2/26/2022	7,572	7,394	36
58	2/27/2022	7,360	7,182	36
59	2/27/2022	7,149	6,970	36

BRIAN TESLOVICH 405H

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
2	2/16/2022	98.2	8,095	5,512	4,432	371,360	10,197	0
3	2/17/2022	98.6	8,576	4,669	4,262	371,080	8,675	0
4	2/17/2022	98.7	8,533	4,605	5,008	362,360	8,821	0
5	2/17/2022	99.5	8,328	4,529	4,582	370,340	9,032	0
6	2/17/2022	99.4	8,530	5,257	3,721	369,400	8,522	0
7	2/18/2022	78	8,457	5,484	3,867	377,500	10,782	0
8	2/18/2022	99.7	7,994	5,362	4,207	379,640	8,619	0
9	2/18/2022	99.2	8,169	5,275	5,346	376,970	8,598	0
10	2/18/2022	98.6	8,052	4,661	4,826	377,980	8,325	0
11	2/19/2022	99.4	8,114	4,731	5,238	375,640	8,287	0
12	2/19/2022	98.9	8,322	5,305	4,236	375,240	8,768	0
13	2/19/2022	98.6	7,970	5,011	4,386	381,100	9,094	0
14	2/19/2022	98.2	8,302	4,142	4,842	380,100	8,140	0
15	2/19/2022	99.5	8,210	4,873	4,866	373,040	8,130	0
16	2/20/2022	99.7	8,315	4,144	5,135	378,640	8,272	0
17	2/20/2022	99.1	8,123	4,850	4,440	377,940	8,372	0
18	2/20/2022	99.3	7,922	4,949	4,440	371,200	8,201	0
19	2/20/2022	98.6	8,200	5,094	4,481	372,420	8,152	0
20	2/20/2022	98.8	8,303	5,232	4,937	373,960	8,107	0
21	2/20/2022	99.5	8,371	4,862	4,883	373,100	8,264	0
22	2/21/2022	99	8,332	4,287	4,495	380,520	8,192	0
23	2/21/2022	99.2	7,919	4,786	4,493	371,500	8,196	0
24	2/21/2022	99.7	7,964	4,854	4,533	353,460	7,882	0
25	2/21/2022	99.6	7,862	5,127	4,221	354,820	7,907	0
26	2/21/2022	99.2	7,806	5,149	5,120	350,400	7,782	0
27	2/22/2022	99.7	7,848	4,962	4,862	354,400	7,952	0
28	2/22/2022	99.3	7,665	5,196	4,434	356,880	8,026	0
29	2/22/2022	99.3	7,213	4,741	4,612	350,380	7,915	0
30	2/22/2022	99.1	7,476	3,967	4,521	353,680	7,856	0
31	2/22/2022	99.3	7,714	4,854	4,960	358,420	7,748	0
32	2/23/2022	99.4	7,588	4,911	5,169	354,200	7,798	0
33	2/23/2022	99.2	7,603	4,870	4,471	352,320	7,801	0
34	2/23/2022	99.5	7,573	4,858	4,410	357,360	7,804	0
35	2/23/2022	99.9	7,413	4,914	4,564	343,440	7,396	0
36	2/23/2022	99.2	7,635	5,364	4,949	356,100	7,568	0
37	2/23/2022	99.1	7,379	4,905	5,175	357,380	7,645	0
38	2/23/2022	99.3	7,367	4,898	4,907	357,600	7,610	0
39	2/24/2022	98.9	7,421	5,045	4,478	358,040	7,211	0
40	2/24/2022	99.2	7,417	3,904	4,563	358,160	7,352	0
41	2/24/2022	99.1	7,516	5,532	4,596	356,700	7,376	0
42	2/24/2022	99.9	7,459	5,398	4,909	355,080	7,401	0
43	2/24/2022	100	7,093	5,152	4,958	355,620	7,434	0
44	2/24/2022	99.6	7,318	5,380	4,629	355,320	7,507	0
45	2/25/2022	100.2	7,213	5,133	4,611	355,620	7,523	0
46	2/25/2022	100.3	7,079	4,981	4,843	353,000	7,217	0
47	2/25/2022	100.3	7,126	5,002	4,352	355,820	7,272	0
48	2/25/2022	99.9	7,140	5,545	4,369	356,500	7,318	0
49	2/25/2022	98.6	7,180	5,286	4,929	358,080	6,935	0
50	2/25/2022	100.2	6,880	5,332	5,429	356,780	7,356	0
51	2/25/2022	99.2	6,862	4,844	5,618	355,920	7,209	0
52	2/26/2022	99.7	6,891	5,179	4,418	355,160	7,171	0
53	2/26/2022	100.3	6,569	5,098	5,086	354,760	7,182	0
54	2/26/2022	100.4	6,905	4,983	4,745	357,500	7,287	0

BRIAN TESLOVICH 405H

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
55	2/26/2022	98.5	6,478	5,606	5,418	357,680	7,248	0
56	2/26/2022	99.7	6,636	5,284	5,445	360,540	7,315	0
57	2/26/2022	98.6	6,310	5,674	5,182	358,160	7,325	0
58	2/27/2022	99.6	6,485	5,702	4,912	359,320	7,248	0
59	2/27/2022	99.8	6,350	5,491	4,898	354,460	7,175	0

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/16/2022
Job End Date:	2/27/2022
State:	West Virginia
County:	Brooke
API Number:	47-009-00313-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Brian Teslovich BRK 405H
Latitude:	40.21662400
Longitude:	-80.63329800
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5,702
Total Base Water Volume (gal):	19,205,862
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	SWN	Carrier/Base Fluid	Water	7732-18-5	100.00000	87.93636	None
Sand (40/70 White Proppant)	SWN	Proppant	Silica Substrate	14808-60-7	100.00000	7.79774	None
Sand (100 Mesh Proppant)	SWN	Proppant	Silica Substrate	14808-60-7	100.00000	3.75288	None
Hydrochloric Acid (15%)	CNR	Acidizing	Water	7732-18-5	85.00000	0.33878	None
			Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	37.00000	0.14747	None
PLEXSLICK 930	SWN Well Services	Friction Reducer	Water	7732-18-5	57.00000	0.05167	None
			Petroleum Distillates, Hydrotreated	64742-47-8	20.00000	0.01813	None
			copolymer of 2-propenamide	69418-26-4	20.00000	0.01813	None
			Oleic Acid Diethanolamide	93-83-4	1.50000	0.00136	None
			Alcohols, C12-1, ethoxylated	68551-12-2	1.50000	0.00136	None

Plexaid 655	SWN Well Services	Scale Inhibitor	Water	7732-18-5	90.00000	0.01126	None
			Diethylenetriamine penta	15827-60-8	10.00000	0.00125	None
Tolicide 4Frac	SWN Well Services	Biocide	Tetrakis	55566-30-8	45.00000	0.00401	None
			Water	7732-18-5	45.00000	0.00401	None
			Quaternary ammonium compounds	68424-85-1	7.50000	0.00067	None
			Ethanol	64-17-5	2.50000	0.00022	None
ProHib 100	CNR	Acid Inhibitor	2-Butoxyethanol	111-76-2	60.00000	0.00082	None
			Proprietary material	68391-11-7	30.00000	0.00041	None
			Proprietary non-ionic surfactant	9043-30-5	20.00000	0.00027	None
			Proprietary ethoxylated alcohol	84133-50-6	10.00000	0.00014	None
			Proprietary corrosion inhibitor	104-55-2	10.00000	0.00014	None
ProFE 105	CNR	Iron Control	Citric Acid	77-92-9	20.00000	0.00021	None
			Acetic Acid	64-19-7	5.00000	0.00005	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
Other Chemical(s)	Listed Above	See Trade Name(s) List					
			Water	7732-18-5	85.00000	0.33878	
			Water	7732-18-5	57.00000	0.05167	
			copolymer of 2-propenamide	69418-26-4	20.00000	0.01813	
			Water	7732-18-5	90.00000	0.01126	
			Water	7732-18-5	45.00000	0.00401	
			Alcohols, C12-1, ethoxylated	68551-12-2	1.50000	0.00136	
			Oleic Acid Diethanolamide	93-83-4	1.50000	0.00136	
			Quaternary ammonium compounds	68424-85-1	7.50000	0.00067	
			Proprietary material	68391-11-7	30.00000	0.00041	
			Proprietary non-ionic surfactant	9043-30-5	20.00000	0.00027	
			Ethanol	64-17-5	2.50000	0.00022	
			Proprietary corrosion inhibitor	104-55-2	10.00000	0.00014	
			Proprietary ethoxylated alcohol	84133-50-6	10.00000	0.00014	
			Acetic Acid	64-19-7	5.00000	0.00005	

* Total Water Volume sources may include fresh water, produced water, and/or 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)



Well Name: **Brian Teslovich BRK 405H**

47009003130000

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	115.00	115.00	
Top of Salt Water	405.00	405.00	NA	NA	
Pittsburgh Coal	258.00	258.00	397.00	397.00	
Pottsville (ss)	397.00	397.00	463.00	463.00	
Raven Cliff (ss)	710.00	710.00	1062.00	1057.00	
Maxton (ss)	1062.00	1057.00	1346.00	1336.00	
Big Injun (ss)	1346.00	1336.00	1835.00	1834.00	
Berea (siltstone)	1865.00	1836.00	1951.00	1916.00	
Rhinestreet (shale)	6148.00	5249.00	6511.00	5523.00	
Middlesex (shale)	6511.00	5523.00	6605.00	5587.00	
Burket (shale)	6605.00	5587.00	6629.00	5602.00	
Tully (ls)	6629.00	5602.00	6720.00	5656.00	
Mahantango (shale)	6720.00	5656.00	6898.00	5736.00	
Marcellus (shale)	6898.00	5736.00	NA	NA	GAS



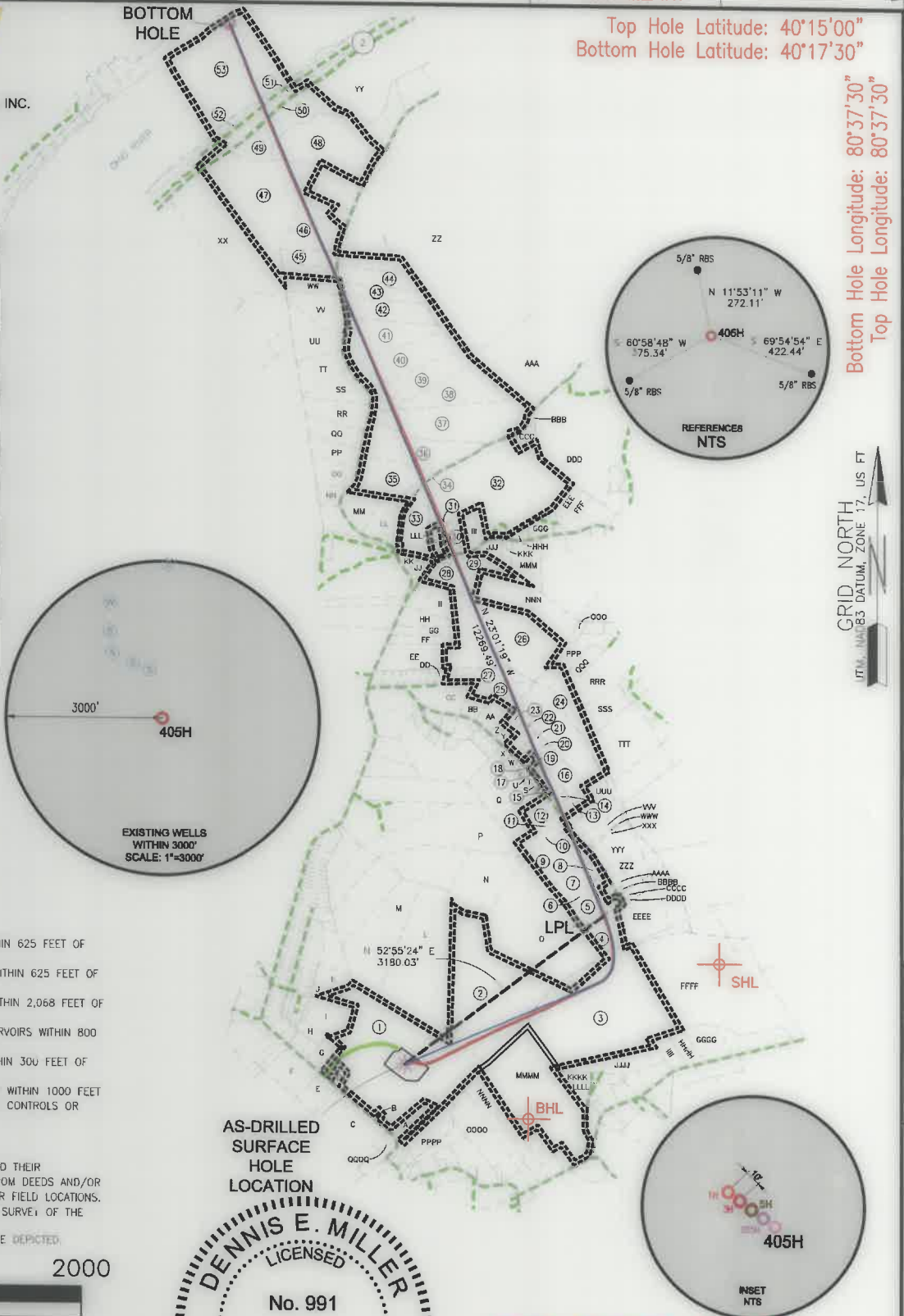
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330
304-933-3119

BOTTOM HOLE 4744' SURFACE HOLE 2318'

Top Hole Latitude: 40°15'00"
Bottom Hole Latitude: 40°17'30"

Bottom Hole Longitude: 80°37'30"
Top Hole Longitude: 80°37'30"

PERMIT SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,451,865.366 EASTING: 531,202.333
PERMIT LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,452,446.176 EASTING: 531,974.402
PERMIT BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,882.258 EASTING: 530,445.781
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,451,865.293 EASTING: 531,202.427
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,452,462.294 EASTING: 531,965.556
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,455,877.893 EASTING: 530,446.144

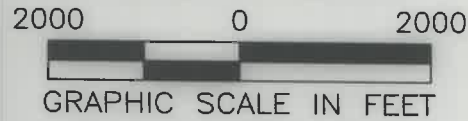


WELL RESTRICTIONS

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. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 2,068 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 800 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.

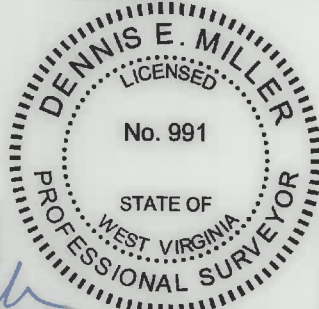
NOTES ON SURVEY

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. 991



AS-DRILLED

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	OPERATOR'S WELL #: 405H
	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	API WELL #: 47 009 00313 STATE COUNTY PERMIT

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

WATERSHED: GROG RUN ELEVATION: 1,149.0'

DISTRICT: BUFFALO DISTRICT COUNTY: BROOKE QUADRANGLE: TILTONSVILLE

SURFACE OWNER: BRIAN L. TESLOVICH ACREAGE: 50.911±

OIL & GAS ROYALTY OWNER: BRIAN L. TESLOVICH ACREAGE: 50.911±

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: 5636.9' **09/09/2022**

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

LEGEND:	○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION ○ EXISTING WATER WELL ○ EXISTING SPRING	— SURVEYED BOUNDARY — DRILLING UNIT - - - LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH	REVISIONS: DATE: 04-26-2022 DRAWN BY: K.E.S. SCALE: 1" = 2000' DRAWING NO: 175-057 WELL LOCATION PLAT
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CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	BRIAN L. TESLOVICH/SWN PRODUCTION COMPANY LLC	03-B36-145	50.911
2	JOHN A. CATULLO	03-B36-157	39.50
3	LOUGHERY VICKIE C. & SHEENA R.	03-B37-41	41.00
4	ROY BEAULAC	03-B37-35	6.73
5	BEAULAC ROY R.	03-B37-37	2.208
6	PRINGLE WM E. & JUNE	03-B37-38	1.82
7	JOHNSON FRANK ET AL	03-B37-40	4.61
8	LYNN JEFFERY H. & BRENDA S. (SURV)	03-B37-39	0.95
9	WALNOHA CAROL	03-B36-47	7.26
10	MILLER JOSEPH R.	03-B36-48	8.15
11	PRINGLE WILLIAM C.	03-B36-49	0.94
12	BIRKETT LARRY M. & BARBARA A.	03-B36-50	2.00
13	HUFF JOHN W & HELEN L.	03-B36-45	2.00
14	HUFF JOHN W. & KEVIN S. (SURV)	03-B36-43	0.45
15	HUFF JOHN W. & KEVIN N. (SURV)	03-B36-42	0.46
16	ELLIOTT CHARLES D. & WANDA J. (SURV)	03-B36-41	3.147
17	SMITH MICHAEL & PAULA (SURV)	03-B36-40	0.61
18	HILL MATHEW	03-B36-36	0.36
19	HILL MATHEW	03-B36-37	1.01
20	HUFF KEVIN NORMAN	03-B36-35.1	0.745
21	SANDRETH RICHARD E. & CONNIE J.	03-B36-34	0.959
22	HUNT BERNARD ELDSER SR. & VIVIAN MARIE	03-B36-33	2.00
23	HUFF JOHN WALTER & HELEN (SURV)	03-B36-32	1.00
24	HUFF KEVIN M	03-B36-38	18.53
25	OBRIEN CARLOS J. & BILLIE D.	03-B36-28	5.14
26	BLAKE LONNIE	03-B31-89	29.15
27	OBRIEN CARLOS J. & BILLIE D.	03-B36-25	4.32
28	BLAKE LONNIE	03-B31-91	5.00
29	BLAKE LONNIE V.	03-B31-94	4.22
30	HANCHER PAULA FAYE; NALE TIMOTHY (SURV)	03-B31-104	2.00
31	NOEL TIMOTHY L. SR & JANET L. (SURV)	03-B31-101	0.96
32	STARKEY HAROLD	03-B31-104	34.04
33	LOUGH WILLIAM & BEVERLY (SURV)	03-B31-110	7.59
34	GREEN RUN ROAD		
35	ULLOM ANDREW L.A.; LYNN JEFFREY H. (SURV)	03-B31-142	9.87
36	CLARK RANDOLPH L. & TAMMY R. (SURV)	03-B31-141	12.65
37	CLARK RANDOLPH L. & TAMMY R. (SURV)	03-B31-140	17.00
38	FRANCIS KEITH R.	03-B31-139	11.99
39	SALEM THOMAS & PAULINE	03-B31-138	7.73
40	SUMMERS RODGER & CONNIE	03-B31-137	11.35
41	MCCLELLAND JERRY L. & ANGEL L. (SURV)	03-B31-136	9.18
42	BARONIO CURTIS R. & DONNA J. (SURV)	03-B31-135	7.32
43	PARKS RONALD C.	03-B31-134	8.15
44	STEWART ROBERT J. SR. & MARGARET E. (SURV)	03-B31-133	7.88
45	STEWART ROBERT J. SR. & MARGARET E. (SURV)	03-B31-132	7.39
46	WALNOHA RAY	03-B31-115	9.27
47	WALNOHA RAY	03-B31-05	26.00
48	COSS ROAD FARM, LLC	03-B31-118	17.18
49	HFS LIMITED LIABILITY COMPANY	03-B31-04	15.79
50	BROOKE CO. RT. 2		
51	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	3-B27-11	
52	HFS LIMITED LIABILITY COMPANY	3-B31-03	15.79
53	STATE OF WEST VIRGINIA		

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	COULTER LYNN; DAVID ET AL	03-B36-143	1.28
B	COLUMBIA GAS COMPANY	03-B36-144	0.048
C	WINDSOR POWER HOUSE COAL COMAPNY	03-B36-104	87.28
D	TAMMY S. MASSEY	03-B36L-39	0.5
E	LOUGHRIE FLOYD R. & DORIS M.	03-B36L-38	2.80
F	KEITH HAMILTON	03-B36L-37	5.10
G	STILLION DANNY L. & THERESA E.	03-B36L-40	2.00
H	BRIAN TESLOVICH	03-B36L-69	50.911
I	CONLEY CHARLES & LINDA LOU	03-B36L-56	5.209
J	BEECH CREST IMPROVEMENT	03-B36L-58	0.52
K	LEMASTERS LARRY W. & LINDA J.	03-B36L-59	2.31
L	LEMASTERS HARLEY J. & REBECCA K.	03-B36-158	23.70
M	LEMASTERS HARLEY J. & REBECCA K.	03-B36-159	13.00
N	MILLER JOSEPH R.	03-B36-48	2.65
O	CIUMMO TARQUINIO; EMMA M; ANTONIO (SURV)	03-B36-156	33.53
P	MCCONKEY TIMOTHY T. & CATHERINE (SURV)	03-B36-153	18.38
Q	MILLER JOSEPH R.	03-B36-48	2.65
R	ELLIOTT WILMA M.	03-B36-52	0.321
S	ELLIOTT WILMA M.	03-B36-53	0.14
T	ELLIOTT HAROLD EARL & LINDA JOAN (SURV)	03-B36-54	0.328
U	ELLIOTT HAROLD E. & LINDA J.	03-B36-55	0.172
V	ELLIOTT HAROLD E.	03-B36-56	0.49
W	ELLIOTT SCOTT CORWIN & TRACEY LYNN (SURV)	03-B36-58	0.47
X	BRENDA LONG	03-B36-59	0.50
Y	WILLIAMS CHARLES & MARSHA (SURV)	03-B36-27	1.75
Z	WILLIAMS THURMAN E. JR	03-B36-29	1.75
AA	FULKS DONNA J.	03-B36-63	0.25
BB	RANDOLPH & CAROLYN ROXBY	03-B36-62	0.16
CC	ASHBROOK HARRY A.	03-B36-67	0.60
DD	BRIAN, JOHN & TIMOTHY LUCAS	03-B36-24	0.478
EE	GRIZZLE HEYWARD H. & DORA G.	03-B36-17	0.45
FF	HILDBRAND ROBERT D. & CAROLYN (SURV)	03-B31-86	6.07
GG	LONG JAMES J. & GERALDINE	03-B31-87	2.30
HH	HUGGINS PERCY E. & DOROTHY I.	03-B31-88	2.00
II	BLAKE LONNIE V.	03-B31-90	5.00
JJ	THOMAS ROBERT LEE SR. & LINDA SUE	03-B31-109	1.40
KK	THOMAS BETTY A.	03-B31-85	0.94
LL	LYNN JEFFREY H. & BRENDA S. (SURV)	03-B31-144	4.98
MM	LYNN JEFFREY H. & BRENDA S. (SURV)	03-B31-143	3.41
NN	KYLE & KATLIN COOPER	03-B31-122	
OO	LEMASTERS HARLEY J. & REBECCA K. (SURV)	03-B31-123	2.00
PP	LEMASTERS HARLEY J.	03-B31-124	3.44
QQ	DEBBIE STEWARD	03-B31-125	3.09
RR	LEMASTERS HARLEY J.	03-B31-126	3.50
SS	GRIMM JAMES W.	03-B31-127	4.95
TT	GRIMM JAMES W. & ROBIN LYNN (SURV)	03-B31-128	4.40
UU	GRIMM JAMES W.	03-B31-129	4.71
VV	WEEKLY MARION; GROVES NANCY	03-B31-130	6.08
WW	TORBETT WILLIAM E	03-B31-131	5.31
XX	WALNOHA RAY	01-B31-6	26.00
YY	HFS LIMITED LIABILITY COMPANY	03-B31-4	15.79
ZZ	COSS ROAD FARM LLC	03-B31-114	183.28
AAA	FRANCIS KEITH R.	03-B31-113	26.33
BBB	GASVODA JOSEPH C. & KRISTIE J. (SURV)	03-B31-112	0.17
CCC	GASVODA JOSEPH C. & KRISTIE J. (SURV)	03-B31-111	0.94
DDD	MASLO FARMS LLC A PENNSYLVANIA LLC	03-B32-20	78.86
EEE	IVERSON STEVEN S.; GARRISON DEBRA L.	03-B31-101	2.09
FFF	IVERSON STEVEN & DEBRA (SURV)	03-B31-102	1.82
GGG	STEMPLE CHERYLL L.	03-B31-102	3.48
HHH	STEMPLE CHERYLL L.	03-B31-103	1.21
III	CORY LARKINS	03-B31-105	2.52
JJJ	LUDWIG ARCHIE VERNON	03-B31-95	1.34
KKK	LUDWIG ARCHIE VERNON	03-B31-96	1.20
LLL	DOYLE ROGER W. & HEATHER N. (SURV)	03-B31-108	0.82
MMM	THOMAS STEVEN	03-B31-97	4.83
NNN	BLAKE LONNIE & CARRIE R.	03-B31-92	10.00
OOO	FIBER KEVIN R. & SHIRLEY W. (SURV)	03-B31-93	1.00
PPP	BROWN MARILYN LEE	03-B32-152	3.41
QQQ	BROWN MARILYN LEE	03-B36-39	2.00
RRR	WEEKLEY KEVIN S.	03-B32-151	10.20
SSS	SNYDER JOHN M. & ROBIN L.	03-B37-8	4.00
TTT	PHILLIPS CHRISTINE	03-B37-7	10.60
UUU	HUFF JOHN W. & HELEN L. (SURV)	03-B37-24	8.00
VVV	MILLER DEAN & KELLI M. (SURV)	03-B37-25	2.00
WWW	FONDER ROBERT W. & BRENDA L.	03-B37-26	0.48
XXX	FONDER ROBERT W. & BRENDA L.	03-B37-27	0.72
YYY	AARON & KATIE GIBSON	03-B37-28.1	4.06
ZZZ	GIBSON JAMES W. & LISA (SURV)	03-B37-28	4.06
AAAA	GIBSON JAMES W. & LISA (SURV)	03-B37-29	2.00
BBBB	BURK THERESA	03-B37-30	0.826
CCCC	WALNOHA RALPH & CAROL	03-B37-32	1.00
DDDD	WALNOHA RALPH & CAROL J.	03-B37-33	0.80
EEEE	WALNOHA RALPH JR & CAROL J.	03-B37-34	6.787
FFFF	LOUGHERY VICKIE C. & SHEENA P. (SURV)	03-B37-103	38.92
GGGG	SMITH HEIRS	03-B37-105	3.89
HHHH	HUFF ROY & VIRGINIA C. (SURV)	03-B37-106	2.00
IIII	LEWIS GEORGE M. & JUDY	03-B37-107	2.00
JJJJ	LEWIS GEORGE M. & JUDY A. (SURV)	03-B37-41.1	5.56
KKKK	HUFF JOHN JOSEPH & CHRISTINE C.	03-B37-116	1.08
LLLL	NICHOLSON DANIEL A.	03-B37-117	1.10
MMMM	LOUIS MILLER	03-B36-125	29.47
NNNN	DONNELLY LORIE T. & HOIT MICHAEL S. (SURV)	03-B36-130	5.75
OOOO	RICKEY E. FIBER	03-B36-132	8.46
PPPP	ADAMS MARK A. & MELODY J.	03-B36-142	6.21
QOOO	BEECH BOTTOM VOLUNTEER FIRE DEPARTMENT	03-B36-105	1.22

API WELL #: **47** **009** **00313**
 STATE COUNTY PERMIT

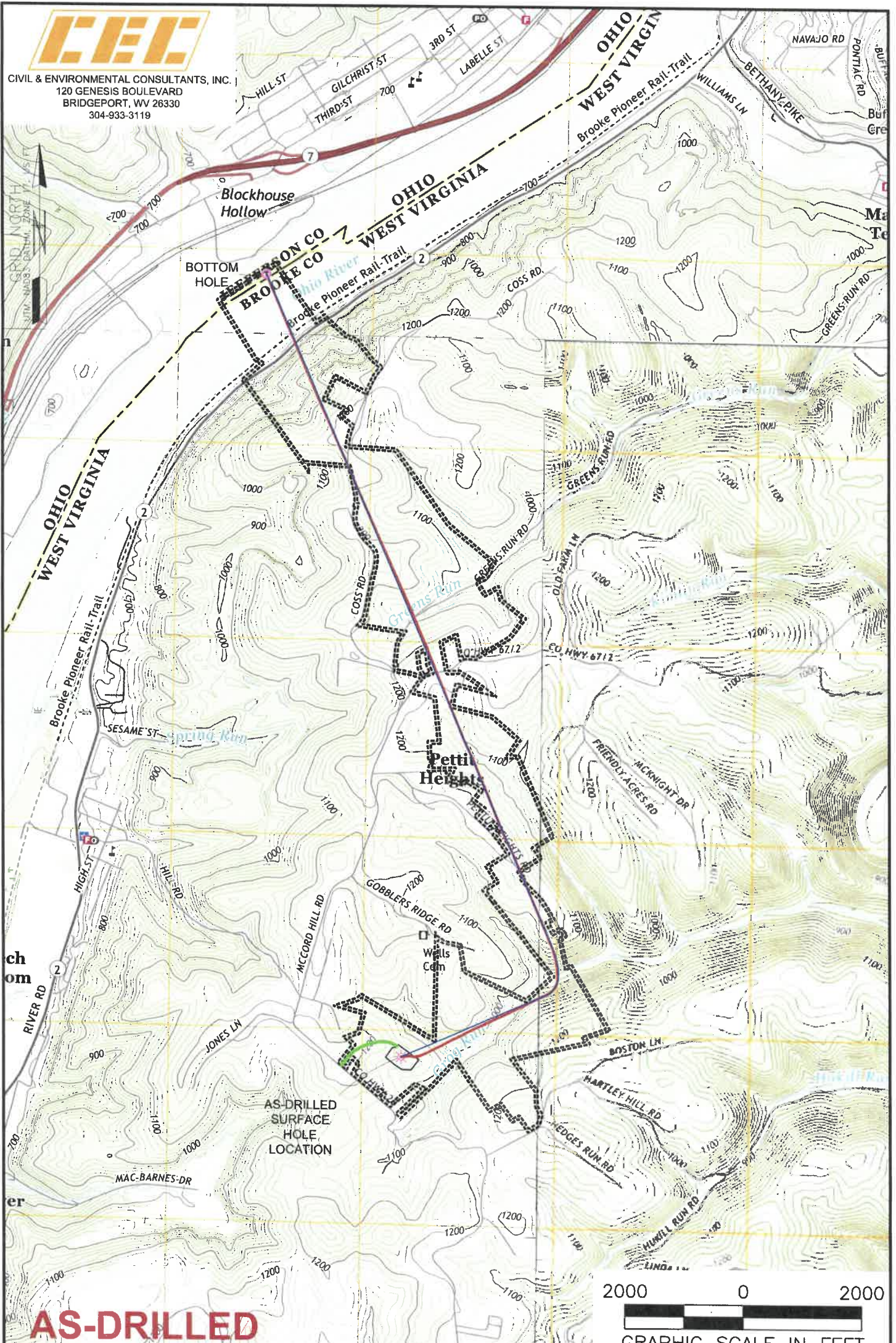
AS-DRILLED

09/09/2022

REVISIONS:	COMPANY:		DATE: 04-26-2022	
	OPERATOR'S		DATE: 04-26-2022	
	WELL #:		DRAWN BY: K.E.S.	
	DISTRICT:		SCALE: N/A	
	COUNTY:		DRAWING NO: 175-057	
	STATE:		WELL LOCATION PLAT 2	



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 120 GENESIS BOULEVARD
 BRIDGEPORT, WV 26330
 304-933-3119



AS-DRILLED



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:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL* LANDING POINT LOCATION
- FLOOD PLAIN
- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- LEASE BOUNDARY
- PROPOSED PATH
- AS-DRILLED PATH

09/09/2022

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC		WELL (FARM) NAME: BRIAN TESLOVICH BRK		WELL # 405H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201 MORGANTOWN, WV 26508		COUNTY - CODE BROOKE - 009	DISTRICT: BUFFALO DISTRICT		
SURFACE OWNER: BRIAN L TESLOVICH		USGS 7 1/2 QUADRANGLE MAP NAME TILTONVILLE, WV			