

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

API 47-009-00301 County BROOKE District BUFFALO
Quad STEBENVILLE EAST Pad Name VIOLET COSS BRK PAD Field/Pool Name PANHANDLE FIELD WET
Farm name LINDA COEN (LIFE ESTATE-VIOLET L COSS) Well Number VIOLET COSS BRK 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 NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,455,775.391 Easting 532,147.559
Landing Point of Curve Northing 4,456,682.816 Easting 532,129.277
Bottom Hole Northing 4,452,967.791 Easting 533,503.971

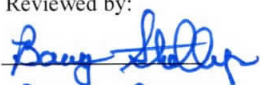
Elevation (ft) 1172.7' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution 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 11/02/2020 Date drilling commenced 12/10/2020 Date drilling ceased 12/23/2020
Date completion activities began 1/31/2021 Date completion activities ceased 3/01/2021
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug
Freshwater depth(s) ft 334 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 507 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 209 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

08/27/2021

API 47- 009 - 00301 Farm name LINDA COEN (LIFE ESTATE-VIOLET L COSS) Well number VIOLET COSS BRK 10H

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	385	NEW	J-55/54.50#	173.5	Y, 5 BBLs
Coal							
Intermediate 1	12.25	9.625	1,632	NEW	J-55/36#		Y, 52 BBLs
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	20,602	NEW	P-110/20#		Y, 82 BBLs
Tubing		2.875	7,587	NEW	P-110/6.5#		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	584	15.60	1.20	700.8	SURFACE	8
Coal							
Intermediate 1	CLASS A	693	15.60	1.19	824.67	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,981	15.60	1.19	4,737.39	SURFACE	24
Tubing							

Drillers TD (ft) 20,602' Loggers TD (ft) 20,602'
 Deepest formation penetrated _____ Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5,996'

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 RECEIVED
 INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING Office of Oil and Gas
 PRODUCTION: 181 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD APR 30 2021

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____
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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

08/27/2021

API 47- 009 - 00301 Farm name LINDA COEN (LIFE ESTATE-VIOLET L COSS) Well number VIOLET COSS BRK 10H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHMENT	1		

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					

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Please insert additional pages as applicable.

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
<u>MARCELLUS</u>	<u>5,642'</u>	<u>TVD</u>	<u>7,309'</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 1865 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 5,340 mcfpd Oil 960 bpd NGL _____ bpd Water 936 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	
	<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 ROAD City THE WOODLANDS State TX Zip 77380

Cementing Company SCHLUMBERGER WELL SERVICES
Address 1080 US-33 City WESTON State WV Zip 26452

Stimulating Company SWN WELL SERVICES
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Please insert additional pages as applicable.

Completed by BOBBY WILLIS Telephone 832-796-2884
Signature  Title SENIOR REGULATORY ANALYST Date 4/29/2021

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

08/27/2021

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/1/2021
Job End Date:	2/21/2021
State:	West Virginia
County:	Brooke
API Number:	47-009-00301-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	VIOLET COSS BRK 10
Latitude:	40.25181536
Longitude:	-80.62199543
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5,754
Total Base Water Volume (gal):	21,759,296
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
Base Water	Operator	Base Fluid					
			Water	7732-18-5	100.00000	88.94214	Density = 8.345
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	85.00000	0.14283	

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Econo-CI200	SWN Well Services	Corrosion Inhibitor					
				Listed Below			
Ecopol-FEAC	SWN Well Services	Iron Control					
				Listed Below			
Plexaid 655WG	SWN Well Services	Scale Inhibitor					
				Listed Below			
HCL	SWN Well Services	Solvent					
				Listed Below			
SWN FRW-11LC	SWN Well Services	Friction Reducer					
				Listed Below			
Tolicide PS 50A	SWN Well Services	Biocide					
				Listed Below			
Sand	SWN Well Services	Proppant					
				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	10.86593	
			Petroleum Distillates, Hydrotreated	64742-47-8	25.00000	0.02136	
			Hydrochloric Acid	7647-01-0	15.00000	0.01335	
			Tetrakis	55566-30-8	55.00000	0.00599	
			Glycerin	56-81-5	50.00000	0.00300	

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			Ammonium Chloride	12125-02-9	2.00000	0.00171	
			Alcohols, C12-1, ethoxylated	68551-12-2	1.50000	0.00128	
			Oleic Acid Diethanolamide	93-83-4	1.50000	0.00128	
			Diethylenetriamine penta	15827-60-8	10.00000	0.00060	
			Acetic Acid	64-19-7	37.50000	0.00018	
			Methanol	67-56-1	80.00000	0.00011	
			Acrylic acid terpolymer	397256-50-7	1.00000	0.00011	
			Citric Acid	77-92-9	22.50000	0.00011	
			Oxyalkylated fatty acid	68951-67-7	9.67400	0.00001	
			Fatty acids	61790-12-3	5.02700	0.00001	
			Modified thiourea polymer	68527-49-1	4.74600	0.00001	
			Potassium acetate	127-08-2	0.02200	0.00000	
			Formaldehyde	50-00-0	0.00400	0.00000	

* 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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**VIOLET COSS BRK 10H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	1/21/2021	20,512	20,419	36
2	2/1/2021	20,385	20,208	36
3	2/1/2021	20,175	19,998	36
4	2/3/2021	19,965	19,788	36
5	2/3/2021	19,755	19,578	36
6	2/3/2021	19,544	19,367	36
7	2/4/2021	19,334	19,157	36
8	2/4/2021	19,124	18,947	36
9	2/4/2021	18,914	18,737	36
10	2/5/2021	18,704	18,527	36
11	2/5/2021	18,492	18,317	36
12	2/5/2021	18,282	18,107	36
13	2/5/2021	18,072	17,894	36
14	2/6/2021	17,863	17,686	36
15	2/6/2021	17,653	17,474	36
16	2/6/2021	17,443	17,266	36
17	2/7/2021	17,233	17,056	36
18	2/7/2021	17,023	16,846	36
19	2/8/2021	16,813	16,636	36
20	2/8/2021	16,603	16,426	36
21	2/8/2021	16,393	16,215	36
22	2/8/2021	16,182	16,005	36
23	2/8/2021	15,972	15,795	36
24	2/9/2021	15,762	15,585	36
25	2/10/2021	15,552	15,375	36
26	2/10/2021	15,342	15,165	36
27	2/10/2021	15,132	14,955	36
28	2/10/2021	14,922	14,745	36
29	2/11/2021	14,711	14,534	36
30	2/11/2021	14,501	14,324	36
31	2/12/2021	14,291	14,114	36
32	2/12/2021	14,081	13,902	36
33	2/12/2021	13,871	13,694	36
34	2/13/2021	13,659	13,484	36
35	2/13/2021	13,446	13,274	36
36	2/13/2021	13,241	13,063	36
37	2/13/2021	13,030	12,858	36
38	2/14/2021	12,820	12,643	36
39	2/14/2021	12,610	12,433	36
40	2/15/2021	12,400	12,223	72
41	2/15/2021	12,190	12,013	36
42	2/16/2021	11,980	11,803	36
43	2/16/2021	11,770	11,593	36

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STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
44	2/16/2021	11,560	11,382	36
45	2/16/2021	11,349	11,172	36
46	2/17/2021	11,139	10,962	36
47	2/17/2021	10,929	10,752	36
48	2/17/2021	10,719	10,542	36
49	2/17/2021	10,509	10,332	36
50	2/17/2021	10,297	10,122	36
51	2/18/2021	10,087	9,912	36
52	2/19/2021	9,869	9,701	36
53	2/19/2021	9,668	9,491	36
54	2/19/2021	9,458	9,281	36
55	2/19/2021	9,246	9,071	36
56	2/19/2021	9,033	8,861	36
57	2/20/2021	8,828	8,651	36
58	2/20/2021	8,616	8,441	36
59	2/20/2021	8,408	8,230	36
60	2/20/2021	8,197	8,020	36
61	2/20/2021	7,987	7,808	36
62	2/20/2021	7,777	7,600	36
63	2/21/2021	7,567	7,390	36

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**VIOLET COSS BRK 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/other
1	2/1/2021	79.89	8,074	7,941	4,352	245,060	7,568	0
2	2/1/2021	91.5	7,768	5,206	4,298	355,180	8,848	0
3	2/2/2021	91.91	7,978	5,196	4,431	351,400	10,766	0
4	2/3/2021	92.4	8,147	5,106	4,492	353,100	9,181	0
5	2/3/2021	91.4	7,861	4,930	4,289	358,780	8,873	0
6	2/4/2021	84	7,693	6,541	4,082	352,200	8,278	0
7	2/4/2021	89.22	8,162	5,481	4,367	353,570	8,616	0
8	2/4/2021	88.2	8,162	6,040	4,353	351,480	8,138	0
9	2/5/2021	88.4	8,082	5,765	4,122	355,900	7,959	0
10	2/5/2021	92.8	8,105	5,833	4,432	363,300	8,554	0
11	2/5/2021	92.7	8,063	5,465	4,234	356,160	8,303	0
12	2/5/2021	88.9	8,081	5,329	4,333	359,520	8,075	0
13	2/6/2021	90.8	8,092	5,244	4,340	360,660	8,132	0
14	2/6/2021	93.1	8,062	5,429	4,395	358,780	8,423	0
15	2/6/2021	92.2	8,127	5,241	4,211	359,280	8,358	0
16	2/6/2021	83.91	8,106	5,460	4,125	358,940	9,337	0
17	2/7/2021	92.8	8,102	5,410	4,029	353,840	8,257	0
18	2/7/2021	83.8	8,167	6,100	4,231	353,380	8,342	0
19	2/8/2021	94.4	7,954	6,214	4,433	353,000	8,286	0
20	2/8/2021	96.2	7,953	5,114	4,388	355,560	8,186	0
21	2/8/2021	98.5	7,997	5,474	4,315	361,760	7,936	0
22	2/8/2021	99	8,074	4,775	4,255	362,500	8,044	0
23	2/9/2021	95.5	8,053	5,467	4,220	360,620	8,135	0
24	2/10/2021	94.38	7,662	5,844	4,169	358,060	8,601	0
25	2/10/2021	98.2	8,007	5,375	4,365	357,060	8,382	0
26	2/10/2021	100	7,866	5,034	4,343	357,200	7,781	0
27	2/10/2021	98.4	7,927	5,216	4,315	362,320	8,214	0
28	2/11/2021	93.8	7,554	5,116	4,211	350,080	7,768	0
29	2/11/2021	94.7	7,755	5,509	4,320	350,640	8,067	0
30	2/11/2021	92	7,478	5,897	4,321	351,640	8,026	0
31	2/12/2021	97.7	7,767	4,827	4,305	358,160	7,978	0
32	2/12/2021	92.8	7,944	5,686	4,312	357,180	7,977	0
33	2/12/2021	98	7,956	5,232	4,145	358,060	8,385	0
34	2/13/2021	98.4	7,555	4,696	4,438	358,120	8,011	0
35	2/13/2021	90.67	7,473	4,716	4,116	354,920	8,200	0
36	2/13/2021	96.9	7,801	5,433	4,225	355,300	7,837	0
37	2/14/2021	97.9	7,856	5,320	4,162	358,820	8,017	0
38	2/14/2021	92.5	7,286	5,716	4,074	355,180	7,882	0
39	2/14/2021	98	7,670	5,220	4,128	357,420	7,756	0
40	2/15/2021	93.91	7,694	5,901	4,521	350,100	10,240	0
41	2/15/2021	97.5	7,592	5,011	4,128	352,700	8,199	0
42	2/16/2021	94.1	6,948	4,784	4,389	345,640	8,315	0
43	2/16/2021	98	7,183	5,278	3,965	354,800	7,787	0
44	2/16/2021	99.4	7,455	5,504	4,210	353,220	7,938	0
45	2/17/2021	99	7,343	5,527	4,225	354,240	7,884	0
46	2/17/2021	98.89	7,179	5,464	4,274	358,980	7,959	0
47	2/17/2021	98.38	6,866	5,562	4,213	354,620	8,798	0
48	2/17/2021	100.2	7,133	5,515	4,370	350,880	7,833	0
49	2/17/2021	99.4	7,299	5,540	4,018	351,920	7,714	0
50	2/17/2021	99.5	7,489	5,502	3,818	352,620	7,792	0
51	2/18/2021	98.7	7,455	4,601	3,901	348,880	7,832	0
52	2/19/2021	99.8	7,179	4,628	3,852	349,360	10,045	0
53	2/19/2021	100	6,651	4,670	4,319	347,720	7,694	0

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 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	2/19/2021	87.4	6,305	5,512	4,063	357,780	7,910	0
55	2/19/2021	99.3	7,060	4,995	3,916	348,300	7,815	0
56	2/19/2021	96.1	7,247	4,578	4,020	283,160	9,184	0
57	2/20/2021	99.4	6,834	5,127	4,117	355,000	7,900	0
58	2/20/2021	100.9	7,021	4,543	3,942	355,400	7,890	0
59	2/20/2021	100.8	6,728	4,668	4,384	356,280	7,587	0
60	2/20/2021	99.4	6,728	4,936	4,221	350,360	7,572	0
61	2/20/2021	97.27	6,613	4,924	4,103	352,200	7,685	0
62	2/20/2021	98	6,648	5,234	4,020	350,720	7,745	0
63	2/21/2021	97.5	6,456	5,414	3,683	354,520	7,768	0

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Well Name: Violet Coss BRK 10H

47009003010000

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	334.00	334.00	
Top of Salt Water	507.00	507.00	NA	NA	
Pittsburgh Coal	209.00	209.00	221.00	221.00	
Raven Cliff (ss)	697.00	697.00	1316.00	1316.00	
Big Injun (ss)	1316.00	1316.00	1477.00	1477.00	
Berea (siltstone)	1787.00	1749.00	1837.00	1795.00	
Rhinestreet (shale)	6631.00	5158.00	6949.00	5438.00	
Middlesex (shale)	6949.00	5438.00	7038.00	5492.00	
Burket (shale)	7038.00	5492.00	7061.00	5517.00	
Tully (ls)	7061.00	5517.00	7141.00	5566.00	
Mahantango (shale)	7141.00	5566.00	7309.00	5642.00	
Marcellus (shale)	7309.00	5642.00	NA	NA	GAS

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Longitude: 80°35'00" (SHL)

Longitude: 80°35'00" (BHL)

SURFACE HOLE 10792'

BOTTOM HOLE 6383'



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

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

AS-DRILLED

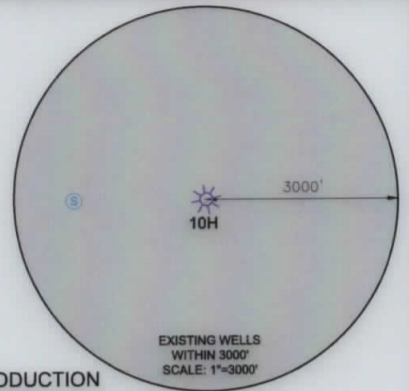


Table with 6 columns: SURFACE HOLE LOCATION (SHL), LANDING POINT (LPL), TURNING POINT 1 (TP 1), TURNING POINT 2 (TP 2), BOTTOM HOLE LOCATION (BHL). Includes UTM coordinates for each.



BOTTOM HOLE 8573'
SURFACE HOLE 14518'
Latitude: 40°15'00" (BHL)
Latitude: 40°17'30" (SHL)

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.

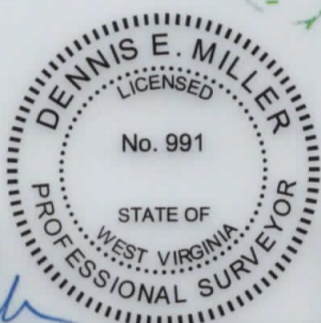
3000 0 3000

GRAPHIC SCALE IN FEET

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

Signature of Dennis E. Miller



COMPANY: SWN Production Company, LLC

Table with 2 columns: State of West Virginia information (WVDEP, 601 57th Street, Charleston, WV 25034) and Well Information (Operator's Well #: 10H, API Well #: 47 009 00301).

Form with fields for WELL TYPE (Oil, Gas, etc.), WATERSHED (Upper Ohio Wheeling), DISTRICT (Buffalo), COUNTY (Brooke), SURFACE OWNER (Linda Coen), OIL & GAS ROYALTY OWNER (Violet L Coes), DRILL options, and ESTIMATED DEPTH (5,842.71 TVD).

Form with fields for WELL OPERATOR (SWN Production Company, LLC) and DESIGNATED AGENT (Brittany Woody), including addresses and zip codes.

Table with 2 columns: LEGEND (Proposed surface hole, existing wellhead, LPL, existing water well, existing spring) and REVISIONS/DATE.



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
600 MARKETPLACE AVENUE, SUITE 200
BRIDGEPORT, WV 26330
304-933-3119

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	EVERETT ALAN COEN, LORRIE ELLEN WOOLWINE, MELINDA WOOLWINE, MICHAEL TODD COEN (S&R)	3-B32-25	224.303
2	HFS LIMITED LIABILITY COMPANY	3-B27-12	67.95
3	BROOKE CO. RT. 2		
4	WEST VIRGINIA DEPARTMENT OF HIGHWAYS	3-B27-11	
5	CAMPBELL TRANSPORTATION COMPANY, INC.	3-B27-10	12.48
6	STATE OF WEST VIRGINIA		
7	NORMA JEAN LILLY, WIDOW	3-B27-17	45.72
8	GERTRUDE LOUISE MCSHANE ROBIE & PATRICK J. MCSHANE, TRUSTEE	3-B32-29	84.79
9	TONY J. CASTILLO; RICHARD R. OSTRANDER (S)	3-B32-28	20.83
10	TONY J. CASTILLO; RICHARD R. OSTRANDER (S)	3-B32-27	10
11	GREEN RUN ROAD		
12	JAMES GEAR (S)	3-B32-11.01	1.00
13	PENNY HAMILTON	3-B32-11	8.50
14	SCHIAPPA & COMPANY, INC	3-B32-09	214.83
15	LILLIAN L. MCCORD EST.	3-B32-185	36.42
16	ROBERT G. TREDWAY JR.	3-B32-188	42.01
17	RONALD H. REINANCHER & KAREN L. MAHLEY	3-B32-187	2.0
18	CITY OF WELLSBURG COMBINED WATER AND SEWER BOARD	3-B32-140.2	0.21
19	KOSUT KEVIN D. & BRIDGET	3-B37-42	34.259
20	SCHIAPPA AND COMPANY, INC.	3-B37-22	145.963

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	DANIEL P. LOMBARDI	3-B27K-211	6.62
B	PAUL DAVID FORSYTHE & ALLEN LEE FORSYTHE	3-B27K-210	2.35
C	ROBERT C. III & RONICA L. CRISS (SURV)	3-B27K-206	0.25
D	ROBERT C. III & RONICA L. CRISS (SURV)	3-B27K-205	0.18
E	RANDY AND BRENDA WILLIAMS	3-B27K-204	0.16
F	RANDY AND BRENDA WILLIAMS	3-B27K-203	0.10
G	RANDY M. & BRENDA WILLIAMS (SURV)	3-B27K-202	0.19
H	JOHN J. FRISCO SR (1/2); JOSEPHINE IWANYSZN (1/2)	3-B27K-189	0.5344
I	WILLIAM, CAROLYN AND JESSICA WALNOHA	3-B32-7	2
J	ROBIE GERTRUDE LOUISE MCSHANE	3-B27P-30	136.00
K	DAVID B. JONES	3-B32-8	9.1
L	GERTRUDE LOUISE MCSHANE ROBIE	3-B32-30	1.68
M	SCHIAPPA AND COMPANY INC	3-B32-10	8.82
N	MELANIE J. LUNSFORD	3-B32-72	1.74
O	WILLIAM WHEAT AND CARRIE HIGGS	3-B32-71	1.738
P	WILLIAM WHEAT AND CARRIE HIGGS	3-B32-70	1.739
Q	PATRICIA SAUVAGEOT AND GLORIA PRAMESA	3-B32-69	1.721
R	JAY D. & KAREN SUE RECK	3-B32-68	2.22
S	JOSEPH & JEFFREY P. JACKFERT (SURV)	3-B32-67	1.13
T	KAREN AND JAY RECK	3-B32G-67.01	15.645
U	HERBERT MCGOWAN	3-B32G-67	58.965
V	VEMURI HOME & GARDEN, LLC	3-B32G-1	2.22
W	KAY A. ELLIOTT	3-B32G-3	0.17
X	KAY A. ELLIOTT	3-B32G-4	0.221
Y	LARRY REED AND DEBORAH REED	3-B32G-5	1.43
Z	LARRY REED AND DEBORAH REED	3-B32G-6	.892
AA	ROBERT F. & ANNA OHLER	3-B32G-7	0.74
BB	JOHN H. FOX	3-B32G-8	0.36
CC	JAMES AND ANNETTE BEST	3-B32G-9	0.52
DD	FEDERAL NATIONAL MORTGAGE ASSOCIATION	3-B32G-10	0.38
EE	MATHEW TOMSHACK	3-B32G-11	0.39
FF	MATHEW TOMSHACK	3-B32-88	1.21
GG	PAUL W. & SUSAN A. FODOR	3-B32-89	3.5
HH	KAREN L. REINACHER	3-B32-96	88.953
II	DAVID MCGOWAN	3-B32-190	6.27
JJ	DONALD C. BURKHART	3-B32-191	7.24
KK	ROBERT G. TREDWAY JR.	3-B32-189	1.01
LL	CHARLES M. & BARBARA J. TREDWAY	3-B32-186	3.0
MM	KURT YANO, FRANK YANO AND KATHERINE YANO	3-B32-40	0.757
NN	RALPH G. JOHNSTON; ROBERT JOHNSTON; KENNETH D. JOHNSTON, DANIEL JOHNSTON, ET AL	3-B32-180	39.862

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
OO	MASLO FARMS LLC A PENNSYLVANIA LLC	3-B32-19	59.66
PP	JOSEPH & MARY VIDERMAN	3-B32-13	43.38
QQ	PENNY HAMILTON	3-B32-12	.50
RR	JAMES SCOTT GEAR	3-B32-26	3.11
SS	WILLIAM & CAROLYN WALNOHA (SURV)	3-B32-14	1.34
TT	JOHN PORTER; BRIGITTE ROGERS (SURV)	3-B32-15	.568
UU	DOROTHY L. STEVENS	3-B32-16	2.09
VV	RUTH BERNADINE HART	3-B32-22.01	0.262
WW	WALNOHA WILLIAM RUSSELL; HART RUTH; THARP MARY FRANC	3-B32-22	0.244
XX	WILLIAM RUSSELL WALNOHA	3-B32-22.02	0.259
YY	HFS LIMITED LIABILITY COMPANY	3-B32-23	2
ZZ	HFS LIMITED LIABILITY COMPANY	3-B32-24	2
AAA	COSS ROAD FARM, LLC	3-B31-114	183.23
BBB	JAMES L. & SONDR A. ELLIOTT	3-B31-121	5.48
CCC	HFS LIMITED LIABILITY COMPANY	3-B31-1	23.87
DDD	CAMPBELL TRANSPORTATION COMPANY INC	3-B27-8	0.41
EEE	GREG PROVENZANO	3-B27-9	0.09
FFF	LIZON JOSEPH P. III & NIXON ERIN REBECCA (SURV)	3-B32-192	19.40
GGG	UHLLEY REBECCA L.	3-B32-139	27.805
HHH	COLLINS KEVIN R. & SANDRA A. (SURV)	3-B32-130	24.04
III	OHLER JAMIE L.	3-B37-43	29.00
JJJ	CHRISTMAN MARK A.	3-B37-45	110.58
KKK	JOHNSTON WILLIAM E. & HAZEL E. (SURV)	3-B37-50	166.50
LLL	SCHIAPPA AND COMPANY INC	3-B37-23	90.91
MMM	LOUGHERY VICKIE C. & SHEENA R. (SURV)	3-B37-103	40.00
NNN	WALNOHA RALPH JR. & CAROL J.	3-B37-34	6.787
OOO	WALNOHA RALPH JR. & CAROL J.	3-B37-33	0.80
PPP	GIBSON JAMES W. & LISA (SURV)	3-B37-28	4.06
QQQ	LEMASTERS HARLEY J.	3-B37-21	31.17
RRR	CARBASHO THOMAS & CAROLYN (SURV)	3-B37-16	7.29
SSS	CARBASHO THOMAS & CAROLYN (SURV)	3-B37-15	5.00
TTT	MYERS JAMES W. & DENISE L. (SURV)	3-B37-14	5.00
UUU	LEMASTERS HARLEY J.	3-B37-13	33.54
VVV	BOYD NILA; MCCORD CLINTON; JOHN JOHN; REBA; JONES CA	3-B32-146	29.057
WWW	BOYD DAVID SMITH & NILA MCCORD	3-B32-142	5.09
XXX	JOHNSTON KENNETH D.	3-B32-141	4.91

API WELL #: **47** **009** **00301**
STATE COUNTY PERMIT

08/27/2021

REVISIONS:	COMPANY:		
	OPERATOR'S	VIOLET COSS BRK	
	WELL #:	10H	
	DISTRICT:	COUNTY:	STATE:
	BUFFALO	BROOKE	WV
			DATE: 4-14-2021
			DRAWN BY: K.E.S.
			SCALE: N/A
			DRAWING NO: 172-287
			WELL LOCATION PLAT 2