

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

API 47-103-03421 County WETZEL District PROCTOR
Quad WILEYVILLE Pad Name SWN A WTZ PAD Field/Pool Name VICTORY FIELD WET
Farm name SWN PRODUCTION COMPANY, LLC Well Number SWN A WTZ 1H
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 4,392,602.03 Easting 530,900.71
Landing Point of Curve Northing 4,392,363.72 Easting 530,530.02
Bottom Hole Northing 4,394,275.86 Easting 528,401.87

Elevation (ft) 1,343.2' 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

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Date permit issued 7/12/2021 Date drilling commenced 12/16/2021 Date drilling ceased 1/19/2022
Date completion activities began 4/23/2022 Date completion activities ceased 5/8/2022
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 307' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1342' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 1249' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED OCT 04 2022
Arnold L. Mayhew

Reviewed by: _____

10/14/2022

API 47- 103 - 03421 Farm name SWN PRODUCTION COMPANY, LLC Well number SWN A WTZ 1H

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	136	NEW	J-55/94#		Y
Surface	17.5	13.375	387	NEW	J-55/54.5#		Y / 18 BBLS
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2889	NEW	J-55/36#		Y / 78 BBLS
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	17325	NEW	HCP-110/20#		Y / 90 BBLS
Tubing				NEW			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	372	15.60	1.20	446.40	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	379 / 800	15.60 / 16.00	1.18 / 1.12	447.22 / 896	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2,881	15.00	1.29	3,716.49	SURFACE	24
Tubing							

Drillers TD (ft) 17,325' Loggers TD (ft) 17,325'
 Deepest formation penetrated MARCELLUS Plug back to (ft) 17,235'
 Plug back procedure N/A

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Kick off depth (ft) 6,733'

Check all wireline logs run caliper density deviated/directional induction
 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: 38 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 334 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

Hydraulic Fracturing Fluid Product Component Information Disclosure

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Job Start Date:	4/23/2022
Job End Date:	5/2/2022
State:	West Virginia
County:	Wetzel
API Number:	47-103-03421-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	SWN A WTZ 1
Latitude:	39.68269097
Longitude:	-80.63965695
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,245
Total Base Water Volume (gal):	15,655,506
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	90.22692	Density = 8.345
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	85.00000	0.19192	

			Water	7732-18-5	85.00000	0.19192	
			Water	7732-18-5	85.00000	0.19192	
Ferriplex 80	SWN Well Services	Iron Control					
				Listed Below			
Plexslick V996	SWN Well Services	Friction Reducer					
				Listed Below			
FSTI-CI-02	SWN Well Services	Corrosion Inhibitor					
				Listed Below			
Plexaid 655NM	SWN Well Services	Scale Inhibitor					
				Listed Below			
Tolicide 4Frac	SWN Well Services	Biocide					
				Listed Below			
Sand	SWN Well Services	Proppant					
				Listed Below			
HCL	SWN Well Services	Solvent					
				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	9.49818	
			Hydrochloric Acid	7647-01-0	15.00000	0.02692	

			Tetrakis(Hydroxymethyl) Phosphonium Sulfate	55566-30-8	45.00000	0.00309	RECEIVED Office of Oil and Gas AUG 04 2022 WV Department of Environmental Protection
			Sodium Erythorbate	6381-77-7	100.00000	0.00090	
			Quaternary ammonium compounds	68424-85-1	7.50000	0.00000	
			Ethanol	64-17-5	2.50000	0.00017	
			Ethylene glycol	107-21-1	40.00000	0.00011	
			Cinnamaldehyde	104-55-2	10.00000	0.00003	
			Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	10.00000	0.00003	
			N,N-Dimethylformamide	68-12-2	10.00000	0.00003	
			Isopropyl alcohol	67-63-0	5.00000	0.00001	
			1-Octanol	111-87-5	5.00000	0.00001	
			benzyl chloridequaternized	72480-70-7	5.00000	0.00001	
			2-Butoxyethanol	111-76-2	5.00000	0.00001	
			1-Decanol	112-30-1	5.00000	0.00001	
			Triethyl phosphate	78-40-0	5.00000	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)

**SWN A WTZ 1H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	3/30/2022	17,235	17,141	36
2	4/23/2022	17,107	16,929	36
3	4/24/2022	16,896	16,717	36
4	4/24/2022	16,684	16,506	36
5	4/25/2022	16,473	16,294	36
6	4/25/2022	16,261	16,083	36
7	4/25/2022	16,050	15,871	36
8	4/25/2022	15,838	15,660	36
9	4/25/2022	15,627	15,448	36
10	4/26/2022	15,415	15,237	36
11	4/26/2022	15,204	15,025	36
12	4/26/2022	14,992	14,814	36
13	4/26/2022	14,781	14,602	36
14	4/26/2022	14,569	14,391	36
15	4/27/2022	14,358	14,180	36
16	4/27/2022	14,146	13,968	36
17	4/27/2022	13,935	13,757	36
18	4/27/2022	13,723	13,545	36
19	4/27/2022	13,512	13,334	36
20	4/27/2022	13,300	13,122	36
21	4/28/2022	13,089	12,911	36
22	4/28/2022	12,877	12,699	36
23	4/28/2022	12,666	12,488	36
24	4/28/2022	12,454	12,276	36
25	4/28/2022	12,243	12,065	36
26	4/28/2022	12,031	11,853	36
27	4/29/2022	11,820	11,642	36
28	4/29/2022	11,608	11,430	36
29	4/29/2022	11,397	11,219	36
30	4/29/2022	11,186	11,007	36
31	4/29/2022	10,974	10,796	36
32	4/29/2022	10,763	10,584	36
33	4/30/2022	10,551	10,373	36
34	4/30/2022	10,340	10,161	36
35	4/30/2022	10,128	9,950	36
36	4/30/2022	9,917	9,738	36
37	5/1/2022	9,705	9,527	36
38	5/1/2022	9,494	9,315	36
39	5/1/2022	9,282	9,104	36
40	5/1/2022	9,071	8,892	36
41	5/1/2022	8,859	8,681	36
42	5/2/2022	8,648	8,470	36
43	5/2/2022	8,436	8,258	36

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**SWN A WTZ 1H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
44	5/2/2022	8,225	8,047	36
45	5/2/2022	8,013	7,835	36

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**SWN A WTZ 1H
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
1	4/23/2022	90.2	9,176	10,233	3,814	176,040	5,271	0
2	4/24/2022	92.3	8,450	6,205	4,756	300,120	8,486	0
3	4/24/2022	79.7	7,805	6,459	4,936	306,360	8,878	0
4	4/24/2022	94.5	8,545	6,189	4,213	306,590	8,735	0
5	4/25/2022	94.2	8,348	6,979	4,629	306,050	8,796	0
6	4/25/2022	93.6	8,676	6,678	4,543	304,180	8,556	0
7	4/25/2022	93.9	8,643	7,023	4,569	308,470	8,520	0
8	4/25/2022	93.7	8,910	6,843	4,521	306,560	8,455	0
9	4/26/2022	95.5	8,784	7,202	4,522	305,560	8,417	0
10	4/26/2022	93.5	8,604	6,825	4,612	311,340	8,392	0
11	4/26/2022	94.2	8,486	6,397	4,698	308,330	8,367	0
12	4/26/2022	94.9	8,439	6,537	4,745	312,636	8,403	0
13	4/26/2022	95.4	8,351	6,188	4,344	314,640	8,182	0
14	4/26/2022	94.5	8,381	6,192	4,668	309,630	8,517	0
15	4/27/2022	95.1	8,668	6,259	4,775	308,590	8,398	0
16	4/27/2022	93.4	8,365	6,621	4,600	303,840	8,412	0
17	4/27/2022	92.8	8,237	6,384	4,520	314,980	8,598	0
18	4/27/2022	94	8,320	6,670	4,852	316,430	8,705	0
19	4/27/2022	95.1	8,588	6,524	4,625	310,040	8,579	0
20	4/27/2022	93.9	8,323	6,337	4,752	305,190	8,491	0
21	4/28/2022	91.7	8,250	6,342	4,758	308,460	8,549	0
22	4/28/2022	94.2	8,566	6,738	4,700	307,110	8,337	0
23	4/28/2022	93.9	8,039	6,560	4,520	309,810	8,238	0
24	4/28/2022	93.3	8,161	6,880	4,560	313,210	8,289	0
25	4/28/2022	93.7	8,037	6,543	4,852	314,760	8,665	0
26	4/28/2022	93.8	8,239	6,311	4,658	310,860	8,840	0
27	4/29/2022	93.9	8,183	6,619	4,805	308,320	8,345	0
28	4/29/2022	93	8,258	6,650	4,660	307,040	8,235	0
29	4/29/2022	91.8	8,027	6,296	4,500	312,350	8,358	0
30	4/29/2022	87.2	7,997	6,501	4,807	307,090	7,978	0
31	4/29/2022	93	8,627	6,845	4,751	311,630	8,342	0
32	4/30/2022	93.9	8,369	6,679	4,885	311,550	8,301	0
33	4/30/2022	97.8	8,378	6,683	4,500	302,070	8,110	0
34	4/30/2022	97.1	8,033	6,636	4,750	309,930	8,046	0
35	4/30/2022	93.9	8,179	6,406	4,952	312,330	8,342	0
36	4/30/2022	92.3	8,132	3,475	4,402	310,670	8,304	0
37	5/1/2022	90.6	7,896	5,400	4,800	311,410	8,630	0
38	5/1/2022	93.8	7,752	6,507	4,530	312,720	8,108	0
39	5/1/2022	91	7,738	6,635	4,615	305,570	8,015	0
40	5/1/2022	72.1	7,739	6,892	4,652	311,060	8,051	0
41	5/1/2022	94.9	7,749	5,841	4,582	311,730	8,155	0
42	5/2/2022	95.1	7,800	6,398	4,925	313,080	8,202	0
43	5/2/2022	94.3	7,633	6,770	5,230	313,310	8,185	0
44	5/2/2022	96.5	7,684	6,424	4,450	316,140	8,005	0
45	5/2/2022	93.3	7,816	6,550	4,435	265,220	7,661	0

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

4125'

LATITUDE: 39°42'30" BOTTOM HOLE (2000' SCALE) 584'

3813'

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

9340'

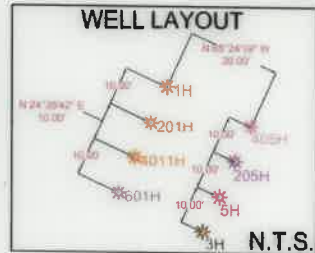
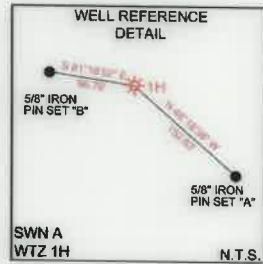
LONGITUDE: 80°37'30" SURFACE HOLE (2000' SCALE)



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

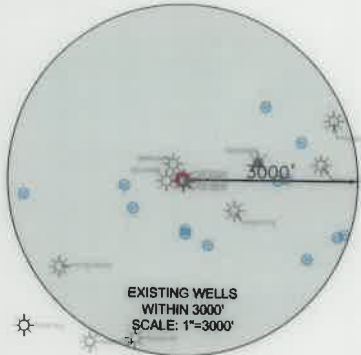
NOTES ON SURVEY

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.

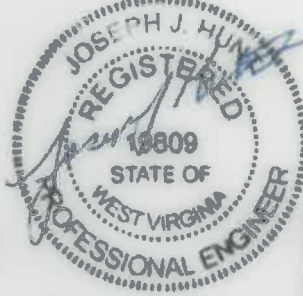
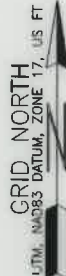


LINE	BEARING	DISTANCE
L1	S70°26'39"E	1333.34'
L2	S46°00'20"E	672.25'

AS-DRILLED BOTTOM HOLE
PROPOSED BOTTOM HOLE



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4392602.03 EASTING: 530900.71
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4392363.72 EASTING: 530530.02
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4394275.86 EASTING: 528401.87
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4392602.00 EASTING: 530900.72
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4392363.06 EASTING: 530523.29
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4394276.75 EASTING: 528402.40



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.E. 19809

COMPANY: **SWN** Production Company, LLC



<p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)</p>	<p>SWN A WTZ 1H</p> <p>OPERATOR'S WELL #:</p> <p>API WELL #: 47 103 03421</p> <p>STATE COUNTY PERMIT</p>
	<p>WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: UPPER OHIO SOUTH</p> <p>DISTRICT: PROCTOR COUNTY: WETZEL</p> <p>SURFACE OWNER: SWN PRODUCTION COMPANY, LLC</p> <p>OIL & GAS ROYALTY OWNER: RODNEY CALVERT, ET AL</p> <p>DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION: <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/></p> <p>CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,372' TVD 17,395' TMD</p>	<p>ELEVATION: 1343.2'</p> <p>QUADRANGLE: WILEYVILLE, WV</p> <p>ACREAGE: ±128.24</p> <p>ACREAGE: ±128.24</p>
<p>WELL OPERATOR: SWN PRODUCTION COMPANY, LLC</p> <p>ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201</p> <p>CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>	<p>DESIGNATED AGENT: BRITTANY WOODY</p> <p>ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201</p> <p>CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>	<p>DATE: 03-31-2022</p> <p>API NO: 47-103-03241</p> <p>DRAWN BY: R. GRIMES</p> <p>SCALE: 1" = 2000</p> <p>DRAWING NO: 2016-519</p> <p>WELL LOCATION PLAT</p>
<p>LEGEND:</p> <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 	<p>REVISIONS:</p>	

10/14/2022

WELL WORK TABLE FOR SURFACE/REALTY OWNERS		
TRACT	SURFACE OWNER(S) / REALTY OWNER(S)	TAX PARCEL
1	SWN PRODUCTION COMPANY LLC (S) RODNEY CALVERT ET AL (R)	12-10-29
TRACT	SURFACE OWNER	TAX PARCEL
2	CALVERT RODNEY A	12-10-29.5
3	CALVERT RODNEY A	12-10-29.1
4	HAESSLY LAND AND TIMBER LLC	12-10-13
5	SWN PRODUCTION COMPANY LLC	12-10-28
6	SWN PRODUCTION COMPANY LLC	12-10-27
7	RITCHEA ROBERT C & JAMES L	12-10-22
8	SWN PRODUCTION COMPANY LLC	12-10-14
9	RICHMOND CASSIDY PAIGE	12-10-21
10	RICHMOND CASSIDY PAIGE	12-10-13
11	SHULUGA ANDREW D & ANDREA M	12-9-15

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	SWN PRODUCTION COMPANY	12-10-29.2
B	YOHO NORMA F	1-7-40
C	RITCHISON MARGARET A	12-15-9
D	DREYER JOSEPH C	12-15-8
E	HAESSLY LAND AND TIMBER LLC	12-15-6
F	HAESSLY LAND AND TIMBER LLC	12-15-5
G	HAESSLY HARDWOOD LUMBER CO	12-10-32
H	SWN PRODUCTION COMPANY LLC	12-10-26
I	HUGGINS JOSEPH DEAN	12-10-25
J	RITCHEA ROBERT C & JAMES L	12-10-24
K	HAESSLY HARDWOOD LUMBER CO	12-10-23
L	HAESSLY LAND AND TIMBER LLC	12-10-20
M	HUGGINS MICHAEL A & PATRICK W	12-9-23
N	GODDARD WAYNE I	12-9-22
O	SHULUGA ANDREW D & ANDREA M	12-9-14
P	SHULUGA ANDREW D & ANDREA M	12-9-13
Q	SHULUGA ANDREW D & ANDREA M	12-9-8
R	SHULUGA ANDREW D & ANDREA M	12-9-9
S	MASSARI MARK	12-4-38
T	SHULUGA ANDREW D & ANDREA M	12-10-1
U	SHULUGA ANDREW D & ANDREA M	12-10-9.1
V	MILLTREE PROPERTIES LLC	12-10-9
W	SWN PRODUCTION COMPANY LLC	12-10-10
X	SWN PRODUCTION COMPANY LLC	12-10-15
Y	YOHO DARREN ETAL	12-10-16
Z	YOHO DARREN ETAL	12-10-18
AA	DURIG CORY B DAVID	1-7-2
AB	CALVERT RODNEY ETAL	12-10-29.1
AC	CALVERT RODNEY A	12-10-29.4

REVISIONS:

COMPANY:					
OPERATOR'S		SWN A WTZ		DATE: 03-31-2022	
WELL #:		1H		API NO: 47-103-03241	
DISTRICT:		COUNTY:		SCALE:	
PROCTOR		WETZEL		N/A	
		STATE:		DRAWING NO: 2016-519	
		WV		WELL LOCATION PLAT	

COMPLETION ID 2501163570
PAD ID 3001164597

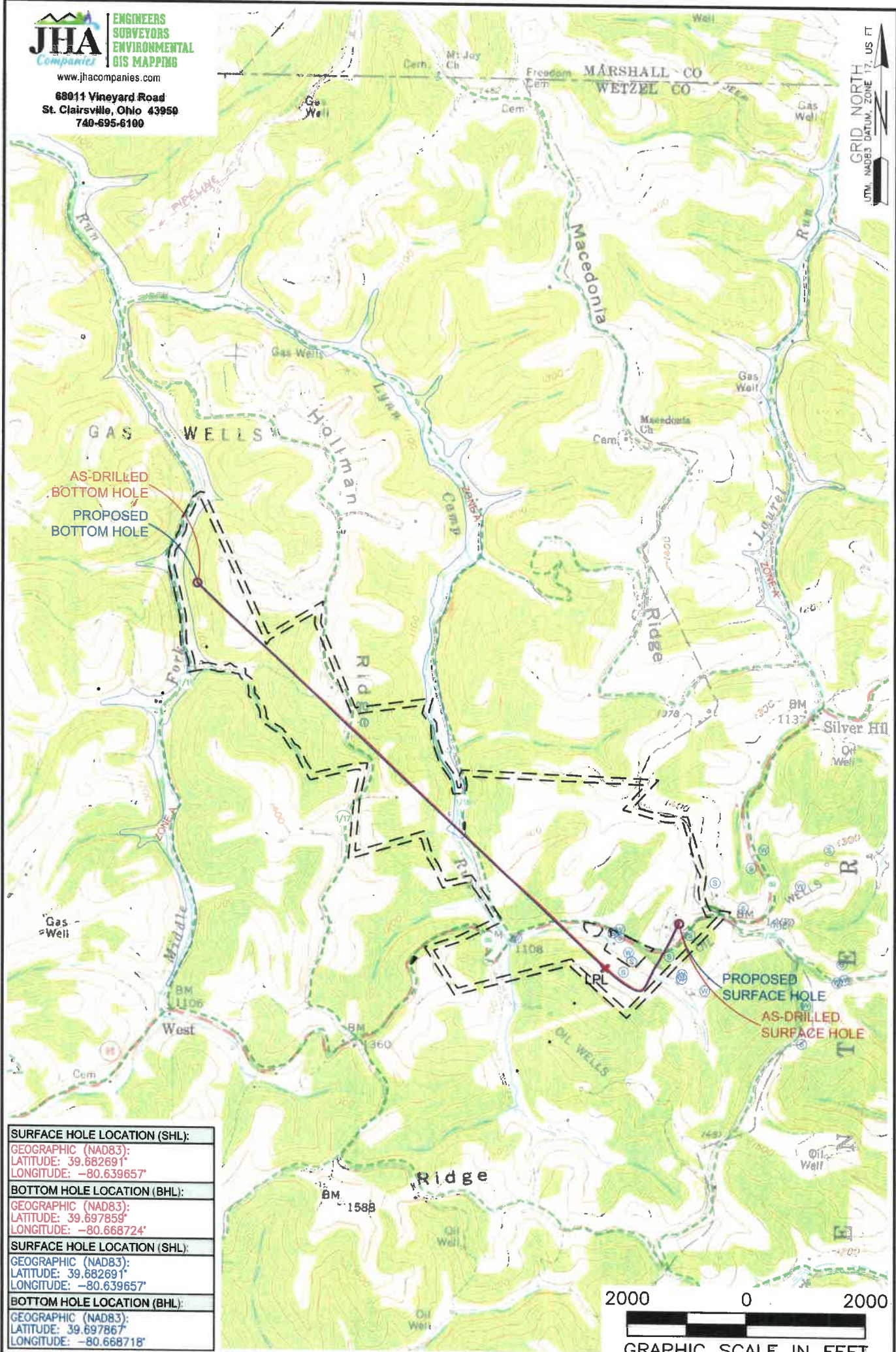
10/14/2022

	РАЙОН: ДИСТРИКТ:	МЕТРЕТ СОУЛГА:	МАН ЭТЭГ:	МЭТ ГЭСЭЛЭН БҮГД ДЭВЖИГ НО: 3010-210
	МЭТ №: ОБЪЕКТЫН №:	МН ЭМН А МТЗ		ЭСҮГЭ: И/У ДЭВЖИГ БА:Б СХИМЭЭ АВТ НО: 43-103-02341 ДАГ: 02-31-3033
БЭНЭГИЙН:	COMPANY: Production Company LLC ЭМН		Production Company LLC ЭМУ	

УС	СҮЛЭЭЛ НОМЕР А	15-10-3014
УД	СҮЛЭЭЛ НОМЕР А ЭЛЭГ	15-10-3017
УВ	ДЭВЖ СОН А ДЭВЖ	1-1-3
З	АОН ДЭВЖ ЭЛЭГ	15-10-30
А	АОН ДЭВЖ ЭЛЭГ	15-10-30
Х	ЭМН ПРОДУКЦИОН КОМПАНИ ТТГ	15-10-30
АА	ЭМН ПРОДУКЦИОН КОМПАНИ ТТГ	15-10-30
А	ИИТЭЭ НӨӨНӨЛӨГ ТТГ	15-10-30
П	ЭНГЛЭГ АНДЭМ Д Э АНДЭМ М	15-10-31
Л	ЭНГЛЭГ АНДЭМ Д Э АНДЭМ М	15-10-31
Э	ИИТЭЭ НӨӨНӨЛӨГ	15-10-30
М	ЭНГЛЭГ АНДЭМ Д Э АНДЭМ М	15-10-30
О	ЭНГЛЭГ АНДЭМ Д Э АНДЭМ М	15-10-30
Б	ЭНГЛЭГ АНДЭМ Д Э АНДЭМ М	15-10-30
О	ЭНГЛЭГ АНДЭМ Д Э АНДЭМ М	15-10-30
И	ОЮУН ТӨРӨМ	15-10-30
И	НОМЕР АНДЭМ А Э АНДЭМ М	15-10-30
Г	НЭЭГЭГ АНДЭМ АНДЭМ ТТГ	15-10-30
К	НЭЭГЭГ АНДЭМ АНДЭМ ТТГ	15-10-30
Л	ИИТЭЭ НӨӨНӨЛӨГ С Э АНДЭМ ТТГ	15-10-30
Л	ИИТЭЭ НӨӨНӨЛӨГ	15-10-30
Н	ЭМН ПРОДУКЦИОН КОМПАНИ ТТГ	15-10-30
Ө	НЭЭГЭГ АНДЭМ АНДЭМ ТТГ	15-10-30
Е	НЭЭГЭГ АНДЭМ АНДЭМ ТТГ	15-10-30
Е	НЭЭГЭГ АНДЭМ АНДЭМ ТТГ	15-10-30
Д	ОЮУН ТӨРӨМ С	15-10-30
С	ИИТЭЭ НӨӨНӨЛӨГ А	15-10-30
В	АОН НӨӨНӨЛӨГ	1-1-30
А	ЭМН ПРОДУКЦИОН КОМПАНИ	15-10-30
ЭМН	ЭНГЛЭГ АНДЭМ	ЭНГЛЭГ

ТТ	ЭНГЛЭГ АНДЭМ Д Э АНДЭМ М	15-10-30
Т	ИИТЭЭ НӨӨНӨЛӨГ	15-10-30
В	ИИТЭЭ НӨӨНӨЛӨГ	15-10-30
В	ЭМН ПРОДУКЦИОН КОМПАНИ ТТГ	15-10-30
А	ИИТЭЭ НӨӨНӨЛӨГ С Э АНДЭМ ТТГ	15-10-30
Ө	ЭМН ПРОДУКЦИОН КОМПАНИ ТТГ	15-10-30
Э	ЭМН ПРОДУКЦИОН КОМПАНИ ТТГ	15-10-30
В	НЭЭГЭГ АНДЭМ АНДЭМ ТТГ	15-10-30
Г	СҮЛЭЭЛ НОМЕР А	15-10-30
З	СҮЛЭЭЛ НОМЕР А	15-10-30
ЭМН	ЭНГЛЭГ АНДЭМ	ЭНГЛЭГ
Т	ИИТЭЭ НӨӨНӨЛӨГ А	15-10-30
ЭМН	ЭМН ПРОДУКЦИОН КОМПАНИ ТТГ	ЭНГЛЭГ

10/14/2022



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.682691' LONGITUDE: -80.639657'
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.697859' LONGITUDE: -80.668724'
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.682691' LONGITUDE: -80.639657'
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.697867' LONGITUDE: -80.668718'

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	ACCESS ROAD
EXISTING / PRODUCING WELLHEAD	FLOOD PLAIN
EXISTING LANDING POINT LOCATION	LEASE BOUNDARY
PROPOSED SURFACE HOLE / BOTTOM HOLE	AS-DRILLED PATH
PROPOSED LANDING POINT LOCATION	PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SWN A WTZ	WELL # 1H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: WETZEL	CODE: 103	DISTRICT: PROCTOR
SURFACE OWNER: SWN PRODUCTION COMPANY, LLC	USGS 7 1/2 QUADRANGLE MAP NAME: WILEYVILLE, WV		
		API # 47-103-3421	

10/14/2022