

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

API 47-103-03452 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 201H
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 4,392,599.20 Easting 530,899.43
Landing Point of Curve Northing 4,392,203.96 Easting 530,345.74
Bottom Hole Northing 4,393,951.26 Easting 528,458.46

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

Date permit issued 10/04/2021 Date drilling commenced 1/19/2022 Date drilling ceased 2/02/2022
Date completion activities began 4/24/2022 Date completion activities ceased 5/10/2022
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

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Freshwater depth(s) ft 307' Open mine(s) (Y/N) depths _____
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 01 2022
Kenneth L. Campbell

Reviewed by: _____
10/14/2022

API 47- 103 - 03452 Farm name SWN PRODUCTION COMPANY, LLC Well number SWN A WTZ 201H

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; 24 BBLS
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	2,895	NEW	J-55/36#		Y; 60 BBLS
Intermediate 2							
Intermediate 3							
Production	8.75	5.5	16,741	NEW	HCP-110/20#		Y; 20 BBLS
Tubing				NEW	L-80/4.7#		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	396	15.60	1.20	475.20	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	379 / 797	15.60 / 16.00	1.18 / 1.12	447.22 / 892.64	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2,638	15.00	1.29	3,403.02	SURFACE	24
Tubing							

Drillers TD (ft) 16,741' Loggers TD (ft) 16,741'
 Deepest formation penetrated MARCELLUS Plug back to (ft) 16,653'
 Plug back procedure N/A

Kick off depth (ft) 6,940'

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 _____ **AUG 04 2022**

SURFACE: 5 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 INTERMEDIATE: 39 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 291 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

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 _____

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PRODUCING FORMATION(S)	DEPTHS	
MARCELLUS	7,345'	TVD 8,030' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 3029 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 19,865 mcfpd Oil 192 bpd NGL _____ bpd Water 744 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 SCHLUMBERGER WELL SERVICES
Address 110 SCHLUMBERGER DRIVE City SUGAR LAND State TX Zip 77478

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

Please insert additional pages as applicable.

Completed by DENISE GRANTHAM Telephone 832-796-6139
Signature *Denise Grantham* Title REGULATORY ANALYST Date 8/2/2022

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

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Well Name: SWN A WTZ 201H

47103034520000

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	307.00	307.00	
Top of Salt Water	1342.00	1342.00	NA	NA	
Pittsburgh Coal	1249.00	1247.00	1255.00	1252.00	
Pottsville (ss)	1315.00	1313.00	1782.00	1778.00	
Raven Cliff (ss)	1782.00	1778.00	2107.00	2097.00	
Maxton (ss)	2270.00	2255.00	2458.00	2432.00	
Big Injun (ss)	2458.00	2432.00	2726.00	2678.00	
Berea (siltstone)	3101.00	3033.00	3126.00	3056.00	
Rhinestreet (shale)	7066.00	6689.00	7412.00	7002.00	
Cashaqua (shale)	7412.00	7002.00	7558.00	7122.00	
Middlesex (shale)	7558.00	7122.00	7693.00	7214.00	
Burket (shale)	7693.00	7214.00	7737.00	7240.00	
Tully (ls)	7737.00	7240.00	7783.00	7263.00	
Mahantango (shale)	7783.00	7263.00	8030.00	7345.00	
Marcellus (shale)	8030.00	7345.00	NA	NA	GAS

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/24/2022
Job End Date:	5/2/2022
State:	West Virginia
County:	Wetzel
API Number:	47-103-03452-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	SWN A WTZ 201
Latitude:	39.68266550
Longitude:	-80.63967202
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7,251
Total Base Water Volume (gal):	14,315,554
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	90.23570	Density = 8.345
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	85.00000	0.18179	

			Water	7732-18-5	85.00000	0.18179	
			Water	7732-18-5	85.00000	0.18179	
HCL	SWN Well Services	Solvent					
				Listed Below			
Ferriplex 80	SWN Well Services	Iron Control					
				Listed Below			
Tolicide 4Frac	SWN Well Services	Biocide					
				Listed Below			
Plexslick V996	SWN Well Services	Friction Reducer					
				Listed Below			
Sand	SWN Well Services	Proppant					
				Listed Below			
FSTI-CI-02	SWN Well Services	Corrosion Inhibitor					
				Listed Below			
Plexaid 655NM	SWN Well Services	Scale 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	9.50157	
			Hydrochloric Acid	7647-01-0	15.00000	0.02509	

			Tetrakis(Hydroxymethyl) Phosphonium Sulfate	55566-30-8	45.00000	0.00451	
			Sodium Erythorbate	6381-77-7	100.00000	0.00090	
			Quaternary ammonium compounds	68424-85-1	7.50000	0.00075	
			Ethanol	64-17-5	2.50000	0.00025	
			Ethylene glycol	107-21-1	40.00000	0.00010	
			Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	10.00000	0.00003	
			Cinnamaldehyde	104-55-2	10.00000	0.00003	
			N,N-Dimethylformamide	68-12-2	10.00000	0.00003	
			Triethyl phosphate	78-40-0	5.00000	0.00001	
			2-Butoxyethanol	111-76-2	5.00000	0.00001	
			1-Decanol	112-30-1	5.00000	0.00001	
			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	

* 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 201H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	3/30/2022	16,653	16,564	36
2	4/24/2022	16,530	16,351	36
3	4/25/2022	16,318	16,140	36
4	4/25/2022	16,106	15,928	36
5	4/25/2022	15,895	15,716	36
6	4/25/2022	15,683	15,504	36
7	4/26/2022	15,471	15,292	36
8	4/26/2022	15,259	15,081	36
9	4/26/2022	15,047	14,869	36
10	4/26/2022	14,836	14,657	36
11	4/26/2022	14,624	14,445	36
12	4/26/2022	14,412	14,233	36
13	4/27/2022	14,200	14,022	36
14	4/27/2022	13,988	13,810	36
15	4/27/2022	13,777	13,598	36
16	4/27/2022	13,565	13,386	36
17	4/27/2022	13,353	13,174	36
18	4/27/2022	13,141	12,963	36
19	4/28/2022	12,929	12,751	36
20	4/28/2022	12,718	12,539	36
21	4/28/2022	12,506	12,327	36
22	4/28/2022	12,294	12,115	36
23	4/28/2022	12,082	11,904	36
24	4/29/2022	11,870	11,692	36
25	4/29/2022	11,659	11,480	36
26	4/29/2022	11,447	11,268	36
27	4/29/2022	11,235	11,053	36
28	4/29/2022	11,023	10,845	36
29	4/30/2022	10,811	10,633	36
30	4/30/2022	10,600	10,421	36
31	4/30/2022	10,388	10,209	36
32	4/30/2022	10,176	9,997	36
33	4/30/2022	9,964	9,786	36
34	5/1/2022	9,752	9,574	36
35	5/1/2022	9,541	9,362	36
36	5/1/2022	9,329	9,150	36
37	5/1/2022	9,117	8,938	36
38	5/1/2022	8,905	8,727	36
39	5/2/2022	8,693	8,515	36
40	5/2/2022	8,482	8,303	36
41	5/2/2022	8,270	8,091	36

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SWN A WIZ 201H
ATTACHMENT 2
STIM REPORT

STAGE NUM	Stim Date	Ave Pump		Treatment	I Max	Breakdown	ISIP (PSI)	Amount of		Amount of nitrogen/othr
		Rate (BPM)	Ave					Proppant (lbs)	water bbbls	
1	4/24/2022	90.5	8,804	8,804	9,568	3,813	173,280	5,443	0	
2	4/25/2022	93.6	8,506	8,506	5,994	4,413	305,540	8,551	0	
3	4/25/2022	93.8	8,511	8,511	6,523	4,546	304,290	8,646	0	
4	4/25/2022	94.4	8,329	8,329	6,395	4,539	307,110	8,586	0	
5	4/25/2022	94	8,456	8,456	6,531	4,889	314,720	8,476	0	
6	4/25/2022	92.3	8,839	8,839	6,601	4,654	309,160	8,508	0	
7	4/26/2022	94.3	8,889	8,889	6,705	4,785	310,450	8,488	0	
8	4/26/2022	95.1	8,488	8,488	6,596	4,623	310,320	8,322	0	
9	4/26/2022	94.7	8,365	8,365	6,367	4,852	313,630	8,639	0	
10	4/26/2022	89.8	8,065	8,065	6,364	4,869	310,380	7,876	0	
11	4/26/2022	95.6	8,605	8,605	6,248	4,811	309,670	8,227	0	
12	4/27/2022	93.6	8,813	8,813	6,892	4,687	309,010	8,451	0	
13	4/27/2022	94.3	8,780	8,780	7,125	4,655	305,840	8,424	0	
14	4/27/2022	93.3	8,198	8,198	6,312	4,500	311,670	8,591	0	
15	4/27/2022	92.4	8,207	8,207	6,351	4,870	309,160	8,401	0	
16	4/27/2022	93.9	8,255	8,255	5,945	4,987	311,660	8,533	0	
17	4/27/2022	93.9	8,335	8,335	6,424	4,921	309,420	8,412	0	
18	4/28/2022	93.9	8,208	8,208	6,325	4,852	308,610	8,458	0	
19	4/28/2022	93.9	8,156	8,156	6,505	4,850	312,870	8,517	0	
20	4/28/2022	92.6	8,159	8,159	6,175	4,980	309,810	8,207	0	
21	4/28/2022	93.8	8,148	8,148	6,726	4,852	311,280	8,553	0	
22	4/28/2022	93.8	8,512	8,512	6,365	5,152	306,460	8,470	0	
23	4/29/2022	93.8	7,925	7,925	6,171	5,125	311,650	8,353	0	
24	4/29/2022	93.9	8,459	8,459	6,755	4,860	313,150	8,666	0	
25	4/29/2022	90.3	8,359	8,359	6,730	4,780	305,450	8,239	0	
26	4/29/2022	94	8,330	8,330	6,613	4,660	309,530	8,226	0	
27	4/29/2022	93.9	8,196	8,196	6,359	4,886	311,120	8,322	0	
28	4/29/2022	93.5	8,225	8,225	6,340	5,182	312,460	8,296	0	
29	4/30/2022	94	8,497	8,497	6,266	4,652	308,370	8,265	0	
30	4/30/2022	96	8,426	8,426	6,550	4,450	306,570	8,258	0	
31	4/30/2022	78.8	6,936	6,936	6,632	4,520	311,360	9,500	0	
32	4/30/2022	93.9	8,112	8,112	6,530	4,852	306,530	8,036	0	
33	4/30/2022	91.5	7,562	7,562	3,808	4,512	310,770	8,316	0	
34	5/1/2022	82.7	7,428	7,428	5,943	4,520	314,780	9,638	0	
35	5/1/2022	93.2	7,740	7,740	6,400	5,100	314,780	8,239	0	
36	5/1/2022	94.5	7,862	7,862	6,315	4,950	308,160	8,148	0	
37	5/1/2022	94.9	7,867	7,867	6,195	4,520	310,100	7,960	0	
38	5/2/2022	93.1	7,979	7,979	6,264	4,752	317,570	8,095	0	
39	5/2/2022	94.9	8,153	8,153	6,516	4,893	310,080	7,991	0	
40	5/2/2022	97.8	8,035	8,035	6,290	4,450	309,480	8,064	0	
41	5/2/2022	92.6	7,658	7,658	6,753	4,936	312,910	8,046	0	

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

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

4129'

406'

4879'

9349'

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

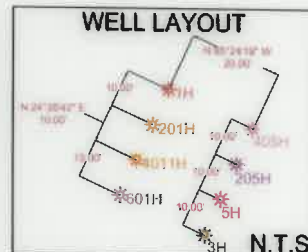
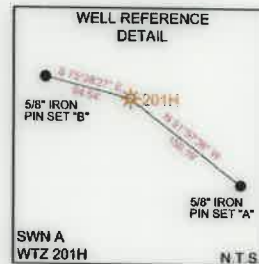
LONGITUDE: 80°40'00" SURFACE HOLE (2000' SCALE)



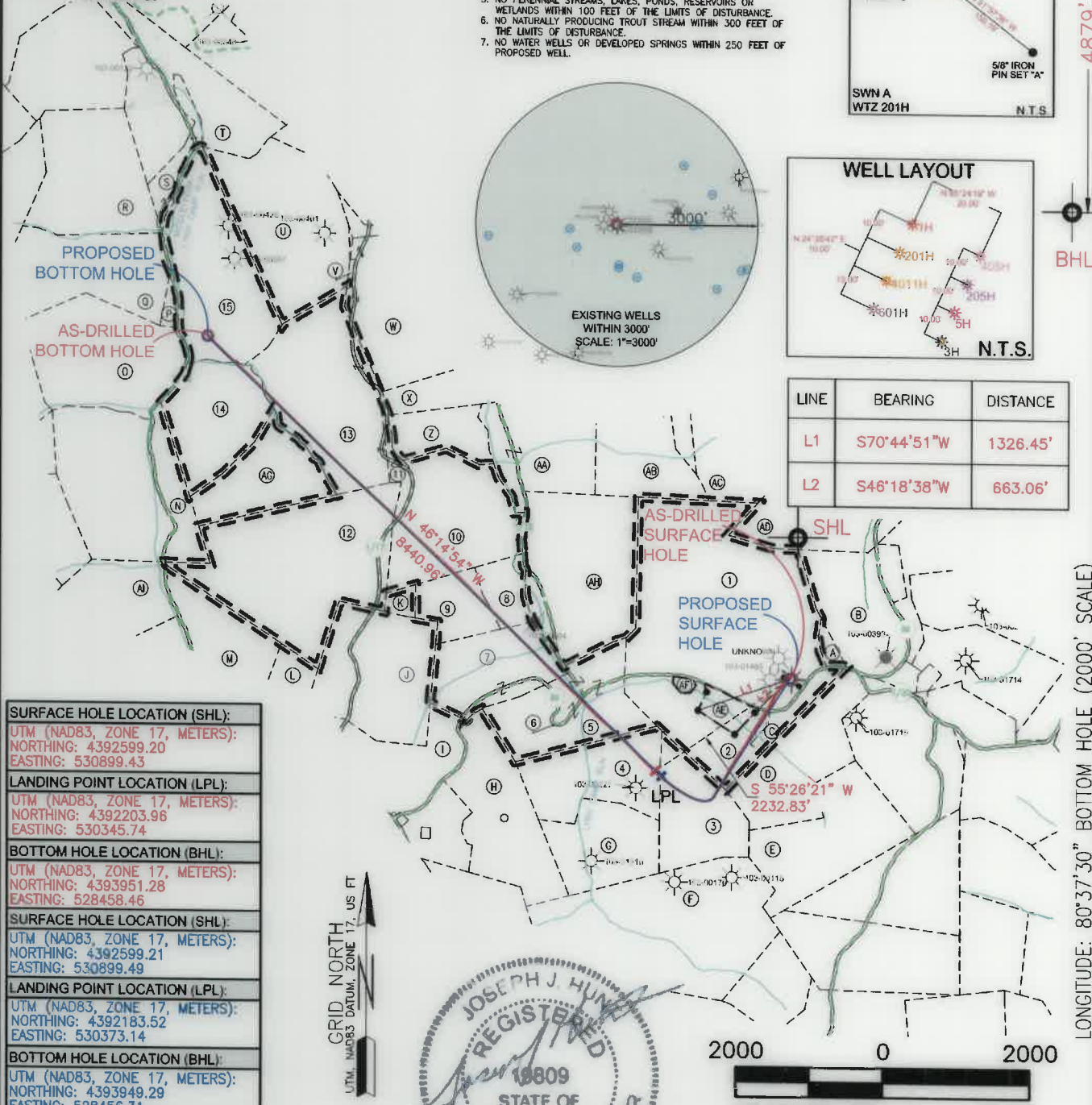
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

NOTES ON SURVEY

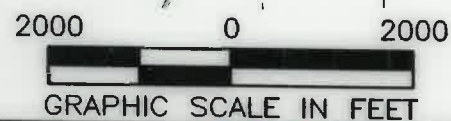
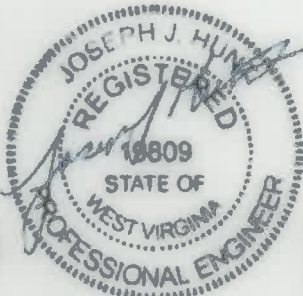
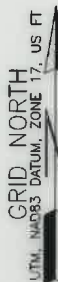
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES 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°44'51"W	1326.45'
L2	S46°18'38"W	663.06'



SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4392599.20
EASTING: 530899.43
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4392203.96
EASTING: 530345.74
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4393951.28
EASTING: 528458.46
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4392599.21
EASTING: 530899.49
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4392183.52
EASTING: 530373.14
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4393949.29
EASTING: 528456.31



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. 19800

COMPANY: **SWN** Production Company, LLC

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: SWN A WTZ 201H
	PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	API WELL #: 47 103 03452 STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO SOUTH

DISTRICT: PROCTOR COUNTY: WETZEL

SURFACE OWNER: SWN PRODUCTION COMPANY, LLC

OIL & GAS ROYALTY OWNER: RODNEY CALVERT, ET AL

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: 7,367' TVD

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



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

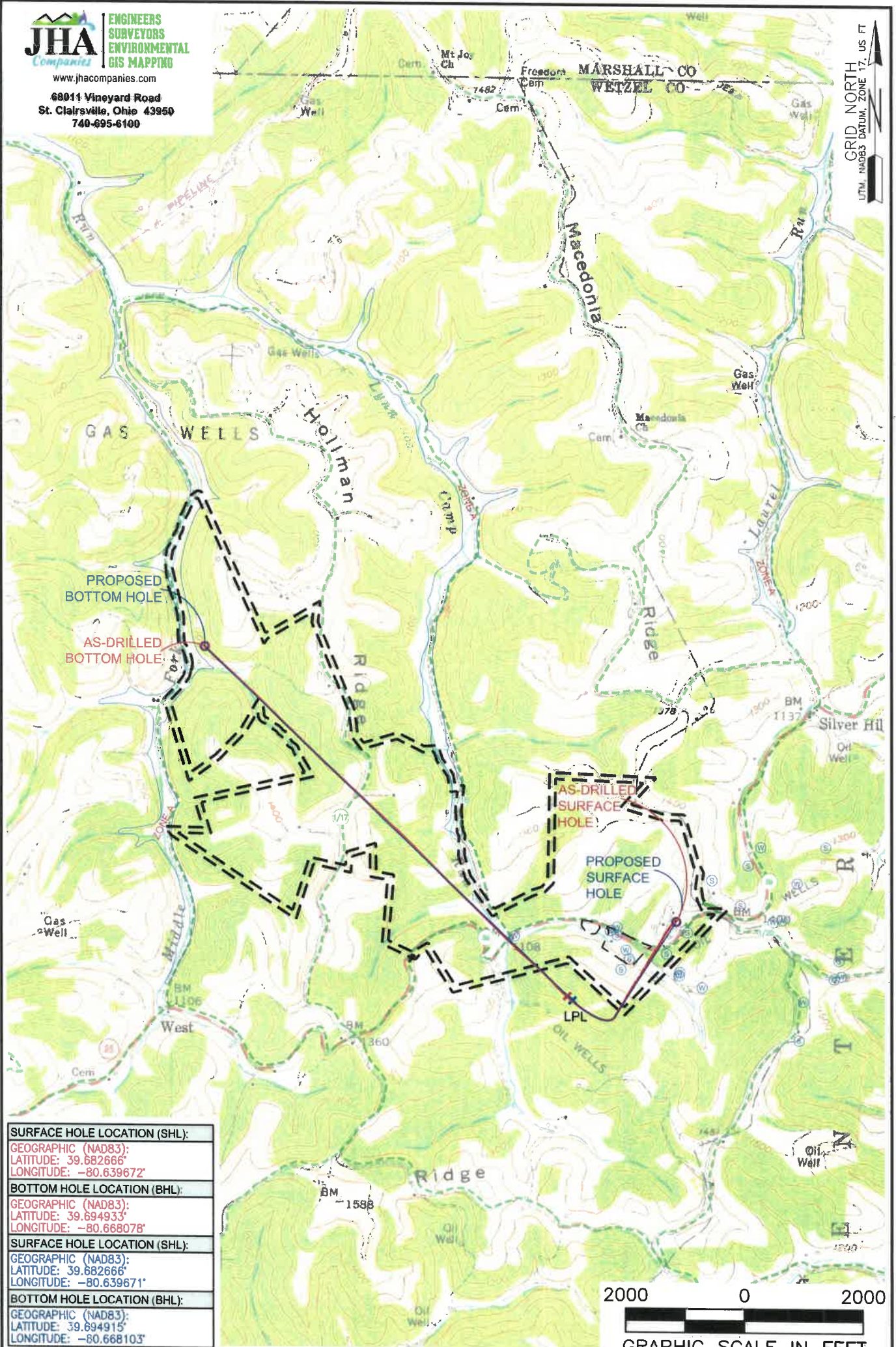
LEGEND:	REVISIONS:	DATE:
○ EXISTING BOTTOM HOLE		03-31-2022
☆ EXISTING / PRODUCING WELLHEAD		API NO: 47-103-03452
LPL ☆ EXISTING LANDING POINT LOCATION		DRAWN BY: R. GRIMES
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		SCALE: 1" = 2000'
LPL ☆ PROPOSED LANDING POINT LOCATION		DRAWING NO: 2016-519
		WELL LOCATION PLAT

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	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	12-10-29.3
3	DREYER JOSEPH C	12-15-8
4	HAESSLY LAND AND TIMBER LLC	12-15-6
5	HAESSLY LAND AND TIMBER LLC	12-10-33
6	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	PROCTOR CREEK ROAD (COUNTY HIGHWAY 89)
7	HAESSLY HARDWOOD LUMBER CO	12-10-32
8	SWN PRODUCTION COMPANY LLC	12-10-27
9	SWN PRODUCTION COMPANY LLC	12-10-26
10	RITCHEA ROBERT C & JAMES L	12-10-22
11	RICHMOND CASSIDI PAIGE	12-10-21
12	HAESSLY HARDWOOD LUMBER CO	12-10-23
13	RICHMOND CASSIDI PAIGE	12-10-13
14	HUGGINS MICHAEL A & PATRICK W	12-9-23
15	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	CALVERT RODNEY A	12-10-29.5
D	HUTCHISON MARGARET A	12-15-9
E	HAESSLY LAND AND TIMBER LLC	12-15-10
F	LEMASTERS DOLLY G EST	12-15-19
G	HAESSLY LAND AND TIMBER LLC	12-15-7
H	HAESSLY LAND AND TIMBER LLC	12-15-5
I	HAESSLY LAND AND TIMBER LLC	12-15-4
J	HUGGINS JOSEPH DEAN	12-10-31
K	HUGGINS JOSEPH DEAN	12-10-25
L	RITCHEA WILLIAM D & SHIRLEY E	12-14-9
M	GODDARD WAYNE L	12-9-46
AI	WOODSTUFF JOYCE K	12-9-44
N	GODDARD WAYNE L	12-9-33
O	GODDARD WAYNE L	12-9-22
P	SHULUGA ANDREW D & ANDREA M	12-9-14
Q	SHULUGA ANDREW D & ANDREA M	12-9-13
R	SHULUGA ANDREW D & ANDREA M	12-9-8
S	SHULUGA ANDREW D & ANDREA M	12-9-9
T	MASSARI MARK	12-4-38
U	SHULUGA ANDREW D & ANDREA M	12-10-1
V	SHULUGA ANDREW D & ANDREA M	12-10-9.1
W	MILLTREE PROPERTIES LLC	12-10-9
X	SWN PRODUCTION COMPANY LLC	12-10-10
Z	SWN PRODUCTION COMPANY LLC	12-10-14
AA	SWN PRODUCTION COMPANY LLC	12-10-15
AB	YOHO DARREN ETAL	12-10-16
AC	YOHO DARREN ETAL	12-10-18
AD	DURIG CORY & DAVID	1-7-2
AE	CALVERT RODNEY A	12-10-29.4
AF	CALVERT RODNEY A	12-10-29.1
AG	HAESSLY LAND AND TIMBER LLC	12-10-20
AH	SWN PRODUCTION COMPANY LLC	12-10-28

REVISIONS:

COMPANY:	 	
OPERATOR'S	SWN A WTZ	
WELL #:	201H	
DISTRICT:	COUNTY:	STATE:
PROCTOR	WETZEL	WV
DATE: 03-31-2022		10/14/2022
API NO: 47-103-03452		
DRAWN BY: R. GRIMES		
SCALE: N/A		
DRAWING NO: 2016-519		
WELL LOCATION PLAT		



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.682666° LONGITUDE: -80.639672°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.694933° LONGITUDE: -80.668078°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.682666° LONGITUDE: -80.639671°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 39.694915° LONGITUDE: -80.668103°



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	○ EXISTING LANDING POINT LOCATION	— FLOOD PLAIN
LPL* EXISTING LANDING POINT LOCATION	○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— LEASE BOUNDARY
LPL* PROPOSED LANDING POINT LOCATION	— AS DRILLED PATH	— PROPOSED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: SWN A WTZ	WELL # 201H	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 # 47-103-3452	

10/14/2022