

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

API 47-069-00244 County OHIO District LIBERTY
Quad BETHANY & VALLEY GROVE, WV Pad Name BENJAMIN HONECKER OHI PAD 1 Field/Pool Name PANHANDLE FIELD WET
Farm name JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) Well Number BENJAMIN HONECKER OHI 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 4,444,994.63 Easting 533,110.10
Landing Point of Curve Northing 4,444,913.81 Easting 533,497.09
Bottom Hole Northing 4,441,148.77 Easting 535,327.11

Elevation (ft) 1,103.8' 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 9/11/2017 Date drilling commenced 9/29/2018 Date drilling ceased 11/19/2018
Date completion activities began 1/5/2019 Date completion activities ceased 2/21/2019
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 324' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 392' Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 267' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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Reviewed by:
Reviewed
[Signature] 5-21-19

WR-35
Rev. 8/23/13

API 47-069

00244

Farm name JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTOK (REMAINDER)

Well number BENJAMIN HONECKER OHI 10H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade w/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	373	NEW	J-55/54.5#		Y; 6 BBLS
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	1,724	NEW	J-55/36#		Y;30 BBLS
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	20,279	NEW	HCP-110/20#		Y
Tubing		2.375	6,459	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	422	15.60	1.20	506.4	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	663	15.60	1.19	788.97	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,906	15.60	1.19	4648.14	SURFACE	24
Tubing							

Drillers TD (ft) 20,279' Loggers TD (ft) 20,279'

Deepest formation penetrated MARCELLUS Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 5.399'

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

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 181 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

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API 47- 069 - 00244

Farm name JANET L HONECKER (LIFE ESTATE) & ELIZABETH H HESTICK (REMAINDER)

Well number BENJAMIN HONECKER OHI 10H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE	ATTACHMEN	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	ATTACHMEN	2				

Please insert additional pages as applicable.

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PRODUCING FORMATION(S)	DEPTHS		
MARCELLUS	5,904'	TVD	6,190' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1,989 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 6,545 mcfpd Oil 699 bpd NGL _____ bpd Water 329 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 B J SERVICES
Address 11211 FM 29210 City TOMBALL State TX Zip 77377

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

Please insert additional pages as applicable.

Completed by DENISE GRANTHAM Telephone 832-796-6139
Signature *Denise Grantham* Title REGULATORY TECHNICIAN Date 5/21/2019

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	1/6/2019
Job End Date:	2/12/2019
State:	West Virginia
County:	Ohio
API Number:	47-069-00244-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Benjamin Honecker OHI 10H
Latitude:	40.15465100
Longitude:	-80.61123300
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,058
Total Base Water Volume (gal):	20,285,550
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
Fresh Water	Operator	Base Fluid					
			Water	7732-18-5	100.00000	85.16635	Density = 8.330
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.73795	

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SAND-COMMON WHITE-100 MESH, SSA-2, BULK (100003676)	Halliburton	Proppant				Listed Below				
HYDROCHLORIC ACID	Halliburton	Solvent				Listed Below				
BE-9W	Halliburton	Biocide				Listed Below				
LP-65 MC	Halliburton	Scale Inhibitor				Listed Below				
EXCELERATE LX-1	Halliburton	Friction Reducer				Listed Below				
Nalco Scale	NALCO	Scale Inhibitor				Listed Below				
SAND- PREMIUM WHITE-40/70, BULK	Halliburton	Proppant				Listed Below				
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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	14.05659				
			Hydrochloric acid	7647-01-0	7.50000	0.05130				

				64742-47-8	30.00000	0.02599	
			Hydrotreated light petroleum distillate				
			Polyacrylate	Proprietary	30.00000	0.02599	
			Fatty acid ester	Proprietary	5.00000	0.00866	
			Ammonium chloride	12125-02-9	30.00000	0.00434	
			Ethoxylated fatty acid	Proprietary	5.00000	0.00433	Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-6226
			Sodium chloride	7647-14-5	5.00000	0.00433	
			Methanol	67-56-1	60.00000	0.00266	
			Benzyl-(C12-C16 Alkyl)- Dimethyl-Ammonium Chloride	68424-85-1	30.00000	0.00133	
			Propylene glycol	57-55-6	60.00000	0.00119	
			Glutaraldehyde	111-30-8	10.00000	0.00044	
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10.00000	0.00020	
			Organic phosphonate	Proprietary	60.00000	0.00002	
			Diammonium phosphate	7783-28-0	5.00000	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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ATTACHMENT 1
PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MI	Perf Top MD2	# SHOTS PER STG
1	12/22/2018	20,236	20,139	36
2	1/6/2019	20,104	19,997	42
3	1/7/2019	19,964	19,857	42
4	1/7/2019	19,824	19,717	42
5	1/12/2019	19,684	19,577	42
6	1/12/2019	19,544	19,437	42
7	1/12/2019	19,406	19,297	42
8	1/13/2019	19,264	19,147	42
9	1/13/2019	19,124	19,017	42
10	1/13/2019	18,984	18,877	42
11	1/14/2019	18,844	18,737	42
12	1/14/2019	18,704	18,597	42
13	1/14/2019	18,564	18,457	42
14	1/15/2019	18,424	18,317	42
15	1/16/2019	18,284	18,177	42
16	1/16/2019	18,144	18,037	42
17	1/16/2019	18,002	17,897	42
18	1/16/2019	17,862	17,757	42
19	1/17/2019	17,724	17,619	42
20	1/17/2019	17,584	17,477	42
21	1/17/2019	17,444	17,337	42
22	1/18/2019	17,304	17,197	42
23	1/18/2019	17,164	17,057	42
24	1/18/2019	17,024	16,917	42
25	1/19/2019	16,884	16,777	42
26	1/19/2019	16,744	16,637	42
27	1/19/2019	16,604	16,497	42
28	1/19/2019	16,462	16,357	42
29	1/20/2019	16,322	16,217	42
30	1/24/2019	16,184	16,077	42
31	1/24/2019	16,044	15,937	42
32	1/24/2019	15,904	15,797	42
33	1/24/2019	15,764	15,657	42
34	1/25/2019	15,622	15,517	42
35	1/25/2019	15,484	15,377	42
36	1/25/2019	15,344	15,237	42
37	1/26/2019	15,202	15,097	42
38	1/26/2019	15,062	14,957	42
39	1/26/2019	14,924	14,817	42
40	1/26/2019	14,784	14,677	42
41	1/27/2019	14,644	14,537	42
42	1/27/2019	14,504	14,397	42
43	1/27/2019	14,364	14,257	42
44	1/28/2019	14,224	14,117	42

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STAGE NUM	Perf Date	Perf Bottom MI	Perf Top MD2	# SHOTS PER STG
45	1/28/2019	14,084	13,977	42
46	1/28/2019	13,944	13,837	42
47	1/28/2019	13,804	13,697	42
48	1/29/2019	13,664	13,557	42
49	1/29/2019	13,524	13,417	42
50	1/30/2019	13,384	13,277	42
51	1/30/2019	13,244	13,137	42
52	1/31/2019	13,104	12,997	42
53	1/31/2019	12,964	12,857	42
54	2/1/2019	12,824	12,715	42
55	2/1/2019	12,684	12,577	42
56	2/2/2019	12,544	12,437	42
57	2/2/2019	12,404	12,297	42
58	2/2/2019	12,264	12,157	42
59	2/2/2019	12,124	12,017	42
60	2/3/2019	11,984	11,877	42
61	2/3/2019	11,844	11,737	42
62	2/3/2019	11,704	11,597	42
63	2/3/2019	11,564	11,457	42
64	2/3/2019	11,424	11,317	42
65	2/4/2019	11,284	11,177	42
66	2/4/2019	11,142	11,037	42
67	2/4/2019	11,004	10,897	42
68	2/4/2019	10,864	10,757	42
69	2/4/2019	10,724	10,617	42
70	2/5/2019	10,584	10,477	42
71	2/5/2019	10,444	10,337	42
72	2/5/2019	10,304	10,197	42
73	2/6/2019	10,164	10,057	42
74	2/6/2019	10,024	9,917	42
75	2/6/2019	9,884	9,777	42
76	2/6/2019	9,744	9,637	42
77	2/6/2019	9,604	9,497	42
78	2/7/2019	9,464	9,357	42
79	2/7/2019	9,324	9,217	42
80	2/7/2019	9,184	9,077	42
81	2/7/2019	9,044	8,937	42
82	2/7/2019	8,904	8,797	42
83	2/8/2019	8,764	8,657	42
84	2/8/2019	8,624	8,517	42
85	2/8/2019	8,484	8,377	42
86	2/8/2019	8,344	8,240	42
87	2/9/2019	8,204	8,097	42
88	2/9/2019	8,064	7,959	42

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STAGE NUM	Perf Date	Perf Bottom ML	Perf Top MD2	# SHOTS PER STG
89	2/9/2019	7,924	7,817	42
90	2/9/2019	7,784	7,677	42
91	2/10/2019	7,644	7,537	42
92	2/10/2019	7,504	7,397	42
93	2/10/2019	7,364	7,257	42
94	2/10/2019	7,224	7,117	42
95	2/10/2019	7,084	6,977	42
96	2/11/2019	6,944	6,837	42
97	2/11/2019	6,804	6,697	42
98	2/11/2019	6,664	6,557	40
99	2/11/2019	6,522	6,417	42
100	2/12/2019	6,382	6,277	42

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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
1	1/6/2019	76.6	8,132	6,340	4,004	272,060	5,464	0
2	1/6/2019	75.1	8,212	4,935	4,236	264,101	5,870	0
3	1/7/2019	77.2	8,308	6,247	4,658	276,540	5,842	0
4	1/7/2019	75.9	8,128	5,920	4,483	252,415	7,907	0
5	1/12/2019	75.7	8,284	5,285	4,631	283,670	5,848	0
6	1/12/2019	75.2	8,243	6,036	4,580	283,340	6,298	0
7	1/13/2019	84.5	8,481	6,397	4,605	279,440	5,454	0
8	1/13/2019	81.9	8,249	5,413	4,754	282,420	5,717	0
9	1/13/2019	86	8,522	6,227	4,865	263,410	5,389	0
10	1/14/2019	85.1	8,510	6,022	4,631	279,750	5,358	0
11	1/14/2019	81.6	8,170	5,987	4,517	283,719	5,543	0
12	1/14/2019	78.8	8,464	5,167	4,562	272,130	5,291	0
13	1/14/2019	87.5	8,564	5,899	4,819	264,900	5,381	0
14	1/15/2019	85.4	8,560	6,090	4,741	278,030	5,470	0
15	1/16/2019	83.7	8,200	5,711	4,670	286,160	5,569	0
16	1/16/2019	85.5	8,214	5,724	4,630	259,710	5,015	0
17	1/16/2019	67.7	8,106	5,886	4,752	283,850	6,288	0
18	1/17/2019	83.8	8,184	5,450	4,683	282,490	5,420	0
19	1/17/2019	84.7	8,209	6,557	4,723	276,930	5,153	0
20	1/17/2019	82.2	8,170	5,964	4,811	280,000	5,226	0
21	1/18/2019	84.5	8,189	5,981	4,457	279,270	5,318	0
22	1/18/2019	86.6	8,223	6,362	4,585	279,100	5,041	0
23	1/18/2019	87	8,236	6,158	4,584	278,590	5,257	0
24	1/19/2019	85	8,005	5,418	4,749	278,110	5,206	0
25	1/19/2019	88.9	8,210	6,243	4,428	280,460	5,056	0
26	1/19/2019	89.7	8,201	5,779	5,053	280,390	5,017	0
27	1/19/2019	84.7	7,789	5,433	4,648	280,410	6,235	0
28	1/20/2019	86.4	8,110	6,099	4,357	278,630	5,291	0
29	1/23/2019	81.22	8,172	5,013	4,691	283,910	5,115	0
30	1/24/2019	87.8	7,961	5,218	4,691	277,860	4,916	0
31	1/24/2019	84.5	8,053	5,017	4,792	281,770	4,912	0
32	1/24/2019	88.2	8,205	5,121	4,575	285,130	5,094	0
33	1/25/2019	85.2	8,174	5,715	3,950	282,338	5,001	0
34	1/25/2019	88.2	7,987	5,553	4,528	278,230	4,862	0
35	1/25/2019	88	8,015	5,203	4,576	280,370	4,900	0
36	1/26/2019	86.1	8,037	5,022	4,638	277,940	4,977	0
37	1/26/2019	89.5	8,012	5,316	4,611	280,420	4,951	0
38	1/26/2019	92.6	8,149	5,717	4,735	280,440	4,843	0
39	1/26/2019	85.5	8,168	6,197	4,233	278,870	4,873	0
40	1/27/2019	84	8,121	5,714	4,453	279,301	4,885	0
41	1/27/2019	91.7	8,137	5,497	4,587	280,790	4,568	0
42	1/27/2019	88.5	8,199	5,773	4,443	279,650	4,514	0
43	1/27/2019	85.6	8,040	5,634	4,162	278,949	4,848	0
44	1/28/2019	87.5	7,794	5,539	4,649	280,000	4,755	0
45	1/28/2019	88.6	8,062	5,846	4,295	280,640	4,545	0
46	1/28/2019	87.5	7,937	5,495	4,488	279,220	4,774	0
47	1/29/2019	87.4	8,079	5,694	4,586	280,559	4,914	0
48	1/29/2019	93.4	8,116	5,867	4,583	280,640	4,556	0
49	1/29/2019	86.7	8,079	5,973	4,469	281,973	5,066	0
50	1/30/2019	85	7,472	7,466	4,508	289,830	6,599	0
51	1/30/2019	88.7	8,034	5,479	4,652	281,256	5,222	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
52	1/31/2019	92.9	8,011	5,279	4,685	283,078	5,135	0
53	2/1/2019	91.4	7,844	5,707	4,906	280,887	4,957	0
54	2/1/2019	92	8,013	5,605	4,793	268,590	4,673	0
55	2/1/2019	90.1	7,991	5,989	4,706	277,280	4,691	0
56	2/2/2019	88.6	7,979	5,140	4,636	280,612	4,924	0
57	2/2/2019	95	7,927	5,535	4,577	277,830	4,530	0
58	2/2/2019	90.8	8,077	6,358	4,625	279,866	4,816	0
59	2/2/2019	87.4	8,221	6,342	4,945	279,653	4,525	0
60	2/3/2019	96	7,941	4,992	4,524	279,196	4,405	0
61	2/3/2019	96	7,989	5,880	4,386	277,790	4,466	0
62	2/3/2019	97	7,921	5,126	4,542	280,280	4,533	0
63	2/3/2019	95.4	7,985	5,055	4,436	279,957	4,531	0
64	2/4/2019	92.7	8,054	5,731	4,673	280,360	4,469	0
65	2/4/2019	95	7,793	4,916	4,308	281,470	4,516	0
66	2/4/2019	91	7,799	5,384	4,777	278,010	4,521	0
67	2/4/2019	98.3	8,024	6,240	4,629	279,782	4,650	0
68	2/4/2019	91.7	8,017	6,350	4,500	280,163	4,482	0
69	2/5/2019	92	7,920	5,781	4,670	279,730	4,320	0
70	2/5/2019	96.2	7,937	6,056	4,330	279,160	4,447	0
71	2/5/2019	92.5	8,086	5,677	4,894	279,230	4,407	0
72	2/5/2019	94.5	7,912	5,562	4,660	279,130	4,405	0
73	2/6/2019	99.3	7,636	6,093	4,587	280,030	4,417	0
74	2/6/2019	99.6	8,020	6,447	4,270	280,820	4,345	0
75	2/6/2019	90.8	8,384	4,517	4,423	279,830	4,357	0
76	2/6/2019	90.9	7,898	5,374	4,670	277,530	4,382	0
77	2/6/2019	92	7,905	5,896	4,474	279,890	4,332	0
78	2/7/2019	8076	8,056	6,374	4,579	281,000	4,418	0
79	2/7/2019	98.1	8,354	6,031	3,755	280,530	4,362	0
80	2/7/2019	99.7	7,706	5,455	4,598	280,360	4,334	0
81	2/7/2019	90.8	7,329	5,846	4,545	277,610	5,438	0
82	2/8/2019	96.2	7,885	5,333	4,624	279,850	4,264	0
83	2/8/2019	100.8	7,556	5,647	4,235	279,730	4,333	0
84	2/8/2019	99.1	7,615	5,493	4,515	281,120	4,285	0
85	2/8/2019	99.5	7,746	5,325	4,489	281,950	4,346	0
86	2/8/2019	99.5	7,306	5,379	4,546	281,680	4,320	0
87	2/9/2019	99.8	7,745	5,193	4,389	283,640	4,349	0
88	2/9/2019	100	7,484	5,631	3,628	280	4,313	0
89	2/9/2019	100.7	7,561	6,042	4,700	279,880	4,237	0
90	2/10/2019	100.3	7,264	5,528	4,351	281,160	4,225	0
91	2/10/2019	100.6	6,982	5,246	4,435	280,630	4,441	0
92	2/10/2019	100.6	7,605	5,586	4,437	280,490	4,206	0
93	2/10/2019	100.6	6,938	6,026	4,714	280,840	4,173	0
94	2/10/2019	100.3	6,816	5,651	4,358	279,940	4,029	0
95	2/11/2019	100.6	6,570	5,509	4,717	277,440	4,080	0
96	2/11/2019	98.7	7,574	5,797	4,691	279,030	4,128	0
97	2/11/2019	100.6	6,891	6,039	4,494	279,770	4,087	0
98	2/11/2019	98.8	7,370	6,275	4,377	278,130	4,568	0
99	2/12/2019	98.3	7,757	6,150	4,197	279,920	4,095	0
100	2/12/2019	99.8	6,794	6,305	4,535	280,595	3,995	0

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Office of Oil and Gas
MAY 22 2019
WV Department of Environmental Protection



Well Name: Benjamin Honecker OHI 10H

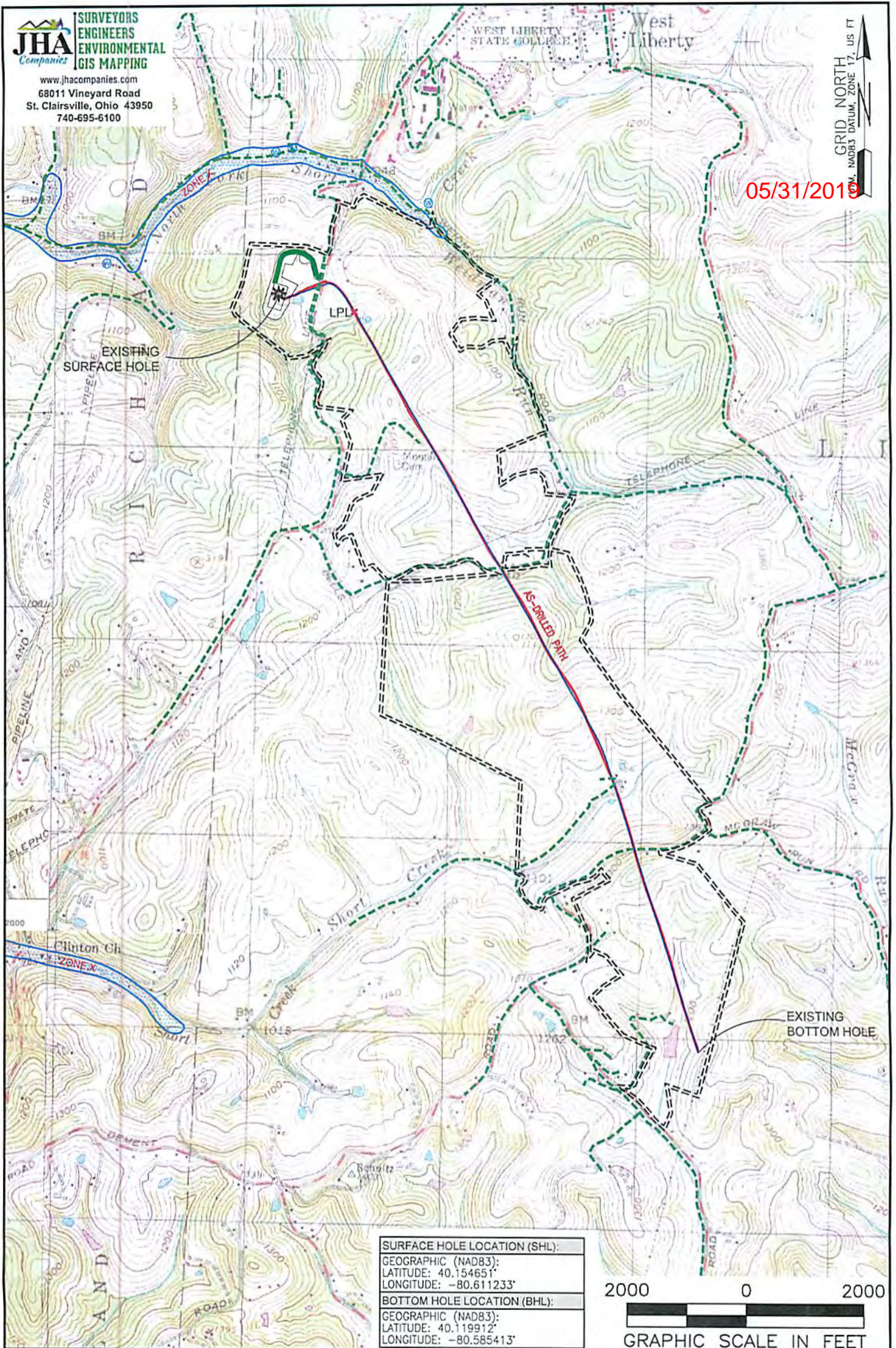
Attachment 3

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	324.00	324.00	
Pittsburgh Coal	267.00	267.00	277.00	277.00	
Top of Salt Water	392.00	392.00	NA	NA	
Pottsville (ss)	398.00	398.00	746.00	746.00	
Raven Cliff (ss)	746.00	746.00	1149.00	1149.00	
Maxton (ss)	1149.00	1149.00	1432.00	1432.00	
Big Injun (ss)	1432.00	1432.00	5509.00	5412.00	
Rhinestreet (shale)	5509.00	5412.00	5726.00	5611.00	
Cashaqua (shale)	5726.00	5611.00	5790.00	5663.00	
Middlesex (shale)	5790.00	5663.00	5881.00	5733.00	
Burket (shale)	5881.00	5733.00	5904.00	5749.00	
Tully (ls)	5904.00	5749.00	5983.00	5801.00	
Mahantango (shale)	5983.00	5801.00	6190.00	5904.00	
Marcellus (shale)	6190.00	5904.00	NA	NA	GAS

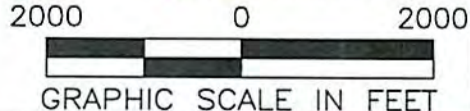
05/31/2019

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Office of Oil and Gas
MAY 22 2019
WV Department of
Environmental Protection

05/31/2019



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.154651°
LONGITUDE: -80.611233°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.119912°
LONGITUDE: -80.585413°



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.

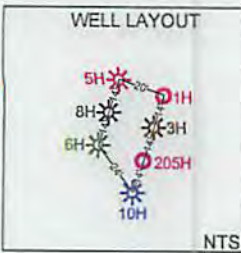
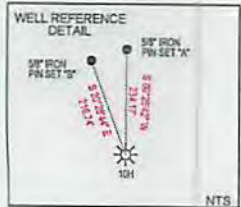
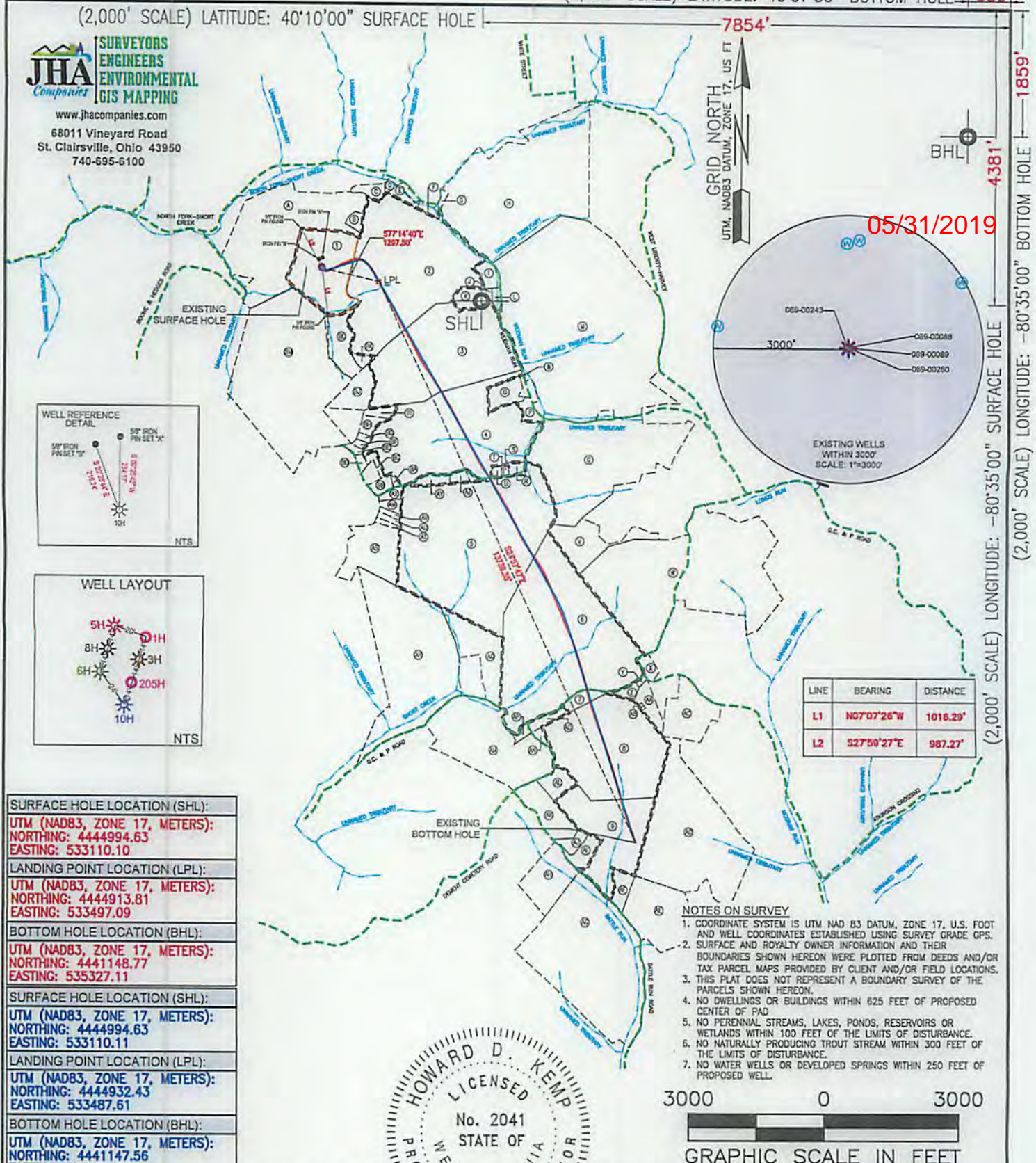
LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ★ EXISTING / PRODUCING WELLHEAD
- LPL* LANDING POINT LOCATION
- 🌊 FLOOD PLAN
- ACCESS ROAD
- - - PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- ===== LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: BENJAMIN HONECKER OHI	WELL # 10H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY - CODE OHIO - 069	DISTRICT: LIBERTY	API NO: 47-069-00244
SURFACE OWNER: JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)	USGS 7 1/2 QUADRANGLE MAP NAME: BETHANY, WV & VALLEY GROVE, WV		

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ENGINEERS
ENVIRONMENTAL
GIS MAPPING

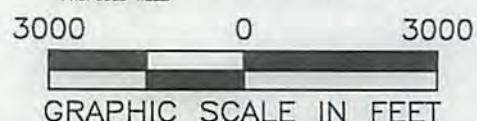
www.jhacompanies.com
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100



LINE	BEARING	DISTANCE
L1	N07°07'26"W	1016.29'
L2	S27°50'27"E	967.27'

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4444994.63 EASTING: 533110.10
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4444913.81 EASTING: 533497.09
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4441148.77 EASTING: 535327.11
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4444994.63 EASTING: 533110.11
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4444932.43 EASTING: 533487.61
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4441147.56 EASTING: 535324.86

- 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.



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 2041

COMPANY: **SWN** Production Company, LLC

<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 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: BENJAMIN HONECKER OHI OPERATOR'S WELL #: 10H API WELL #: 47 069 00244 STATE COUNTY PERMIT
---	--	---

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1103.8'

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: BETHANY & VALLEY GROVE, WV

SURFACE OWNER: JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) ACREAGE: ±50.287

OIL & GAS ROYALTY OWNER: JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) ACREAGE: ±50.287

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: 6,161' TVD 20,279' TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201

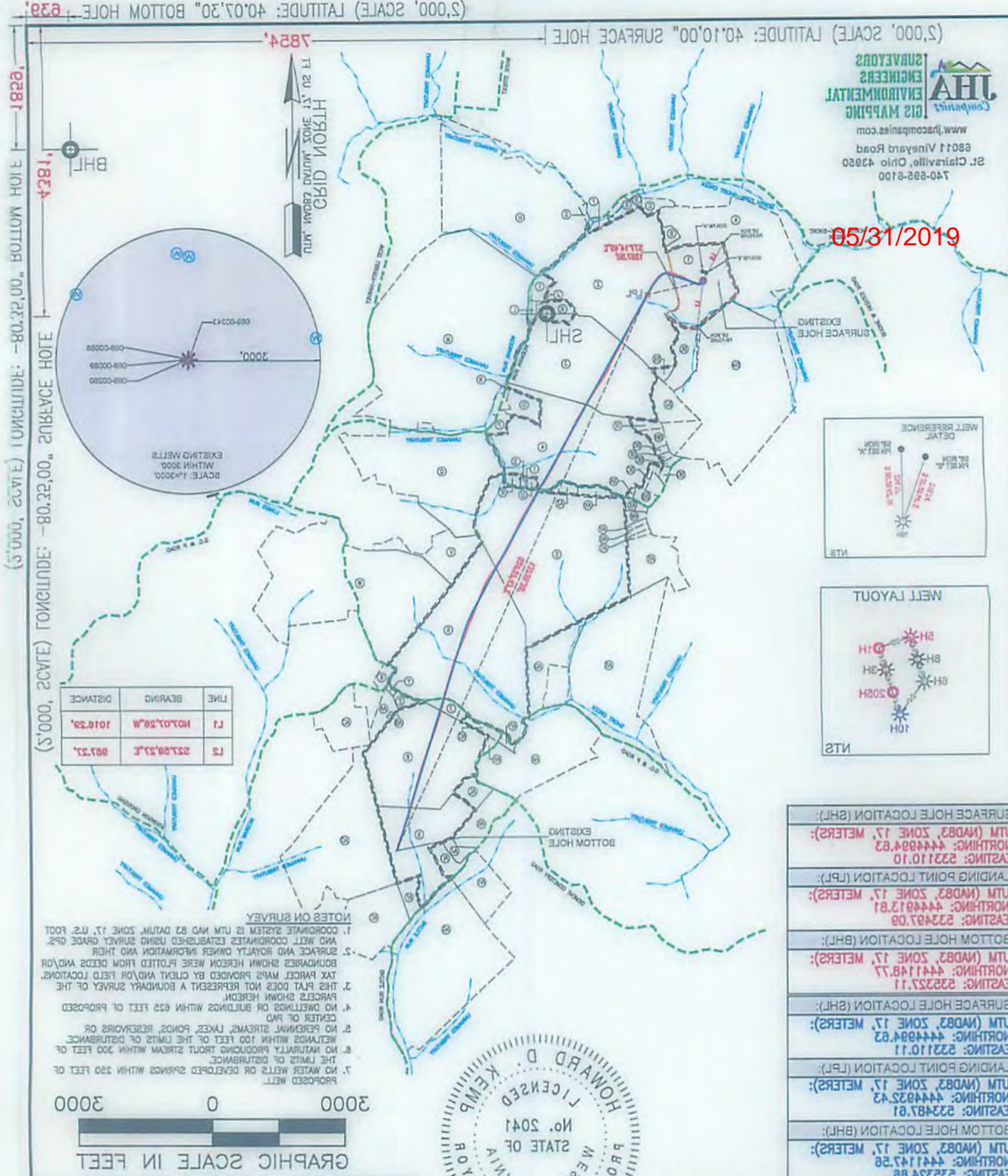
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL * LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊕ EXISTING SPRING	REVISIONS: — SURVEYED BOUNDARY ===== LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH	DATE: 03-14-2019 API NO: 47-069-00244 DRAWN BY: D. REED SCALE: 1" = 3000' DRAWING NO: 2017-221 WELL LOCATION PLAT
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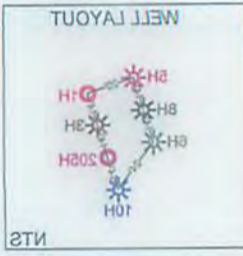
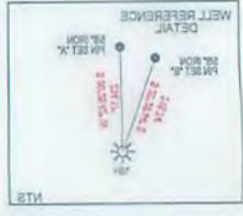
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www.jhacompanies.com
6801 Vinyard Road
St. Clairsville, Ohio 43980
740-692-6100

05/31/2019



LINE	BEARING	DISTANCE
L1	N07.07,50,W	1016.59'
L2	S27.50,27,E	867.23'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 444894.63 EASTING: 523110.10
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 444937.81 EASTING: 523487.09
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 441187.77 EASTING: 52327.11
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 444894.63 EASTING: 523110.11
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 444932.43 EASTING: 523487.01
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 441187.58 EASTING: 52324.88

NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM AND 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO PERMANENT STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 200 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



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.

swm Production Company, LLC
Production Company, LLC

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

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

REVISIONS:
DATE: 03-14-2019
API NO: 47-089-00244
DRAWN BY: D. REED
SCALE: 1" = 3000'
DRAWING NO: 2017-221
WELL LOCATION PLAT

PROPERTY NUMBER 250118804
P4D ID 300125804

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP SHALLOW

WATERSHED: UPPER OHIO SOUTH
DISTRICT: LIBERTY COUNTY: OHIO

SURFACE OWNER: JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)
OIL & GAS ROYALTY OWNER: JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)
ACREAGE: ±50.287

DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) **AS-DRILLED**
ESTIMATED DEPTH: **6161' TVD 50238' TMD**

OPERATOR'S WELL #: 10H
API WELL #: 47
STATE: OHIO COUNTY: 069 PERMIT: 00244

BENJAMIN HONECKER OHIO



MINIMUM DEGREE OF ACCURACY: 1/500
SOURCE OF GRADE GPS: PROVEN SURVEY
ELEVATION: (NAD 88, US FT)

LEGEND:
○ PROPOSED SURFACE HOLE \ BOTTOM HOLE
* EXISTING \ PRODUCING WELLS
L.P.L. LANDING POINT LOCATION
⊙ EXISTING WATER WELL
⊙ EXISTING SPRING
— SURVEYED BOUNDARY
= LEASE BOUNDARY
- ADRIELLED PATH
- PROPOSED PATH

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) (S)/(R)	03-L4-124
TRACT	SURFACE OWNER	TAX PARCEL
2	JANET L. HONECKER & ELIZABETH H. HESTICK	03-L4-103
3	JANET L. HONECKER & ELIZABETH H. HESTICK	03-L4-104
4	HOLLAND PARK, LLC	03-L4-105
5	BELLE LANE, LLC	03-L4-109
6	WAYNE L. WILHELM & MARGUERITE B. WILHELM	03-L7-4
7	JAMES MARTIN PURPURA AND ROBERT E. MCADAMS, TRUSTEES OF THE JAMES MARTIN PURPURA LIVING TRUST DATED APRIL 4, 2012	03-L7-12
8	JAMES A. & CAROL L. PARSONS	03-L7-11
9	TUNNEL RIDGE, LLC	03-L7-45

05/31/2019


ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)	03-L1-42
B	DEBRA & DAVID HAMSTEAD	03-L1-42.1
C	STEPHANIE A. ENNIS	09-WL10-8
D	WILLIAM R. & R.L. MYERS	09-WL10-9
E	CYNTHIA L. JOHNSON	09-WL10-11.1
F	THEODORE & SHIRLEY PAVLIC	09-WL10-11
G	JOHN C. & S.L. PERRY	09-WL10-14
H	WEST LIBERTY STATE COLLEGE	03-L1-35
I	KAREN S. & DONALD R. GRUBB	03-L4-104.1
J	CAROLYN & DENVER BARKER	03-L4-104.6
K	CAROLYN S. & DENVER BARKER	03-L4-104.3
L	CAROLYN S. & DENVER BARKER	03-L4-104.5
M	LORI JO MCGILMUPHY	03-L4-110
N	DIXIE M. & L. LAUDERMILT	03-L4-106.1
O	DIXIE M. LAUDERMILT	03-L4-105.8
P	WINDSOR POWER HOUSE COAL COMPANY	03-L4-105.7
Q	MICHAEL J. & P.T. MILLER	03-L4-117
R	DELBERT K., JR. & L.K. MYERS	03-L4-107
S	RUDY, JR. & J.A. FAZZINI	03-L4-105.3
T	RUDY, JR. & J.A. FAZZINI	03-L4-105.9
U	RICARDO & BUMBAUGH D.L. PACHECO	03-L4-105.1
V	EDWARD L. & B.W. STUPAK	03-L4-118.1
W	HERBERT P. & C.A. MINCH	03-L4-120
X	RICHARD J. SCHNELLE & CALVIN W. SCHNELLE	03-L7-8
Y	RENEE LYNN MOSA	03-L7-9
Z	JAMES M. PURPURA	03-L7-10
AA	JAMES P. & TRACY C. MILLER	03-L7-9.2
AB	JAMES P. & TRACY C. MILLER	03-L7-9.1
AC	MILO H. CRISWELL	03-L7-6.3
AD	JOHN L., II & J.M. SMITH	03-L7-48
AE	PAUL J. ROBRECHT	03-L7-47
AF	B. EILEEN GILMORE	03-L7-46
AG	ROBERT W. & DONNA LASCH	03-L10-40
AH	STEPHEN P. & D.K.S. SNYDER	03-L7-42.1
AI	TUNNEL RIDGE, LLC	03-L7-44
AJ	HELEN L. TOMINACK	03-L7-43
AK	MARY LOU HUDNALL	03-L7-40
AL	L.P. & M.L. HUDNALL	03-L7-41
AM	ROBERT W. & D. LASCH	03-L7-16
AN	ERNEST L. & H.D. HERRON	03-L7-14
AO	ELLSWORTH R. & L.K. RINE	03-L7-13
AP	BEVERLY J. HOFFER	03-L7-15
AQ	ROBERT J. GRIMES	03-L7-3
AR	HERMAN J. & MARY C. STORCH	03-L7-2
AS	CATHERINE & DAVID EVANS	03-L4-13.1
AT	DAVID R. & MARTIE A. KELLER	03-L4-13.2
AU	MARTIE A. MORSE	03-L4-100
AV	THOMAS N. & G.L. PENTINO	03-L4-99
AW	EDWARD & L.K. CHY	03-L4-97
AX	GARY V. HAND	03-L4-96
AY	JOHN C. & A.F. MYERS	03-L4-108
AZ	LEE J. & M.B. DUVALL	03-L4-105.11
BA	CHRISTOPHER G. WINESDORFFER	03-L4-105.15
BB	JOHN E. & R.M. WINESDORFFER	03-L4-105.2
BC	DAVID R. & CARRIE A. HANNA	03-L4-105.6
BD	MACK W. DUVALL	03-L4-105.5
BE	ARLIE R., JR AND BOND B. MCCARDLE	03-L4-105.17
BF	DORA M. MCCARDLE	03-L4-105.13
BG	PAUL F. ADAMS	03-L4-105.16
BH	ELIZABETH ANN BAKER	03-L4-105.14
BI	MICHAEL E. SAMPSON	03-L4-105.4
BJ	RACHEL ANN SINCAVICH	03-L4-2
BK	JANET L. HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)	03-L4-104.4
BL	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-123
BM	PAUL M. MCKAY & DEBORAH A. MCKAY	03-L4-1

REVISIONS:	COMPANY:	 	
	OPERATOR'S	BENJAMIN HONECKER OHI	DATE: 03-14-2019
	WELL #:	10H	API NO: 47-069-00244
	DISTRICT:	LIBERTY	DRAWN BY: D. REED
	COUNTY:	OHIO	SCALE: N/A
	STATE:	WV	DRAWING NO: 2017-221
			WELL LOCATION PLAT

05/31/2019

WELL BORE TABLE FOR SURFACE \ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) \ROYALTY OWNER (R)	TAX PARCEL
1	JANET L HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER) (2)\(R)	03-14-124
2	JANET L HONECKER & ELIZABETH H. HESTICK	03-14-103
3	JANET L HONECKER & ELIZABETH H. HESTICK	03-14-104
4	HOLLAND PARK, LLC	03-14-105
5	BELLE LAKE, LLC	03-14-109
6	WAYNE L. WILHELM & MARGUERITE B. WILHELM	03-14-4
7	JAMES MARTIN PURPURA AND ROBERT E. MCADAMS, TRUSTEES OF THE JAMES MARTIN PURPURA LIVING TRUST DATED APRIL 4, 2012	03-14-12
8	JAMES A. & CAROL J. PARSONS	03-14-11
9	TUNNEL RIDGE, LLC	03-14-45

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	JANET L HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)	03-14-45
B	DEBRA & DAVID HAMSTAD	03-14-45.1
C	STEPHANIE A. ENNS	09-W10-8
D	WILLIAM R. & R.L. MYERS	09-W10-9
E	CYNTHIA L. JOHNSON	09-W10-11.1
F	THEODORE & SHIRLEY PAVLIC	09-W10-11
G	JOHN C. & S.L. PERRY	09-W10-14
H	WEST LIBERTY STATE COLLEGE	03-14-25
I	KAREN S. & DONALD R. GRUBB	03-14-104.1
J	CAROLYN S. & DENVER BARKER	03-14-104.8
K	CAROLYN S. & DENVER BARKER	03-14-104.3
L	CAROLYN S. & DENVER BARKER	03-14-104.5
M	LORI JO MCDUMPHY	03-14-110
N	DIXIE M. & L. LAUDERMILT	03-14-108.1
O	DIXIE M. LAUDERMILT	03-14-108.8
P	WINDSOR POWER HOUSE COAL COMPANY	03-14-102.7
Q	MICHAEL J. & P.T. MILLER	03-14-117
R	DEBBERT K., JR. & L.K. MYERS	03-14-107
S	RUDY, JR. & J.A. FAZZINI	03-14-102.3
T	RUDY, JR. & J.A. FAZZINI	03-14-102.9
U	RICARDO & BUNBAUGH D.L. PACHECO	03-14-102.1
V	EDWARD J. & B.W. STURAK	03-14-118.1
W	HERBERT P. & C.A. MINCH	03-14-120
X	RICHARD J. SCHNEBLE & CALVIN W. SCHNEBLE	03-14-8
Y	RENÉE LYNN MOSA	03-14-9
Z	JAMES M. PURPURA	03-14-10
AA	JAMES P. & TRACY C. MILLER	03-14-8.2
AB	JAMES P. & TRACY C. MILLER	03-14-8.1
AC	MILD H. CRISWELL	03-14-8.3
AD	JOHN L. II & J.M. SMITH	03-14-48
AE	PAUL J. ROBERTCHT	03-14-47
AF	B. EILEEN GILMORE	03-14-46
AG	ROBERT W. & DONNA LASCH	03-14-40
AH	STEPHEN P. & D.K.S. SNYDER	03-14-42.1
AI	TUNNEL RIDGE, LLC	03-14-44
AJ	HELEN J. TOMAWACK	03-14-43
AK	MARY LOU HUDNALL	03-14-40
AL	L.P. & M.L. HUDNALL	03-14-41
AM	ROBERT W. & D. LASCH	03-14-18
AN	ERNEST J. & H.D. HERRON	03-14-14
AO	ELIZABETH R. & L.K. RINE	03-14-12
AP	BEVERLY J. HOFFER	03-14-12
AQ	ROBERT J. GRIMES	03-14-2
AR	HERMAN J. & MARY C. STORCH	03-14-2
AS	CATHERINE & DAVID EVANS	03-14-12.1
AT	DAVID R. & MARTIE A. KELLER	03-14-12.2
AU	MARTE A. MORSE	03-14-100
AV	THOMAS N. & G.L. PENTINO	03-14-99
AW	EDWARD & L.K. CHY	03-14-97
AX	CARY V. HAND	03-14-98
AY	JOHN C. & R.L. MYERS	03-14-108
AZ	LEE J. & M.B. DUVALL	03-14-108.11
BA	CHRISTOPHER G. WINZENDORFER	03-14-102.12
BB	JOHN E. & R.M. WINZENDORFER	03-14-102.3
BC	DAVID R. & CARRIE A. HANNA	03-14-102.8
BD	MACK W. DUVALL	03-14-102.5
BE	ARIE R., JR. AND BOND B. MCCARDLE	03-14-102.17
BF	DORA M. MCCARDLE	03-14-102.13
BG	PAUL F. ADAMS	03-14-102.16
BH	ELIZABETH ANN BAKER	03-14-102.14
BI	MICHAEL E. SAMPSON	03-14-102.4
BJ	RACHEL ANN SANCANICH	03-14-2
BK	JANET L HONECKER (LIFE ESTATE) & ELIZABETH H. HESTICK (REMAINDER)	03-14-104.4
BL	PAUL M. MCKAY & DEBORAH A. MCKAY	03-14-123
BM	PAUL M. MCKAY & DEBORAH A. MCKAY	03-14-1

		COMPANY:	REVISIONS:
DATE: 03-14-2019 API NO: 47-089-0024 DRAWN BY: D. REED SCALE: N/A DRAWING NO: 2017-221 WELL LOCATION PLAT	OPERATOR'S 10H BENJAMIN HONECKER OHI	WELL #: 10H	DISTRICT: LIBERTY
STATE: OHIO COUNTY: OHIO STATE: OHIO	COUNTY: OHIO COUNTY: OHIO	DISTRICT: LIBERTY	DISTRICT: LIBERTY
PROPERTY NUMBER 25011860 PWD ID 20011258	STATE: OHIO COUNTY: OHIO	DISTRICT: LIBERTY	DISTRICT: LIBERTY