

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

API 47 - 069 - 00350 County OHIO District RICHLAND
Quad TILTONVILLE 7.5', OH Pad Name ROTH-OHI-PAD1 Field/Pool Name PANHANDLE FIELD WET
Farm name SWN PRODUCTION COMPANY, LLC Well Number ROTH OHI 206H
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 4,444,580.153 Easting 526,663.556
Landing Point of Curve Northing 4,445,250.300 Easting 526,323.810
Bottom Hole Northing 4,439,944.566 Easting 528,159.664

Elevation (ft) 1003.95' 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 9/7/2022 Date drilling commenced 1/30/2023 Date drilling ceased 2/22/2023
Date completion activities began 3/6/2023 Date completion activities ceased 4/20/2023
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 423' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1,119' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 179' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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Reviewed by:
[Signature]
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API 47- 069 - 00350 Farm name SWN PRODUCTION COMPANY, LLC Well number ROTH OHI 206H

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	475'	NEW	J-55/54.5#	137.4' / 337.57'	Y / 5 BBLS
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	1,710'	NEW	J-55/36#		Y / 40 BBLS
Intermediate 2							
Intermediate 3							
Production	8.50	5.5	25,474'	NEW	P-110 HP/20#		N
Tubing		2.875	6,792'	NEW	P-110/6.50#		N
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	103 / 579	15.60	1.20 / 1.19	123.6 / 689.01	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	700	15.60	1.19	833	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	5,127'	15.00	1.29	6,613.893	930'	24
Tubing							

Drillers TD (ft) 25,474' Loggers TD (ft) 25,474'
 Deepest formation penetrated MARCELLUS Plug back to (ft) 25,380'
 Plug back procedure N/A

Kick off depth (ft) 5,515' MD

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: 0 CENTRALIZERS
 INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 603 CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

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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 _____

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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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PRODUCING FORMATION(S)	DEPTHS	
MARCELLUS	5,589'	TVD 6,804' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2,443 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 536 mcfpd Oil 97 bpd NGL _____ bpd Water 2,689 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	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 ROAD 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 77391-2359

Please insert additional pages as applicable.

Completed by DENISE GRANTHAM Telephone 832-796-6139
Signature *Denise Grantam* Title REGULATORY SPECIALIST Date 7.6.2023

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

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**ROTH OHI 206H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	3/1/2023	25,380	25,288	36
2	3/7/2023	25,254	25,076	36
3	3/8/2023	25,042	24,864	36
4	3/8/2023	24,831	24,652	36
5	3/9/2023	24,619	24,440	36
6	3/9/2023	24,407	24,229	36
7	3/9/2023	24,195	24,017	36
8	3/10/2023	23,984	23,805	36
9	3/11/2023	23,772	23,593	36
10	3/11/2023	23,560	23,382	36
11	3/12/2023	23,348	23,170	36
12	3/13/2023	23,137	22,958	36
13	3/14/2023	22,925	22,746	36
14	3/14/2023	22,713	22,535	36
15	3/14/2023	22,501	22,323	36
16	3/15/2023	22,290	22,111	36
17	3/15/2023	22,078	21,899	36
18	3/16/2023	21,866	21,688	108
19	3/17/2023	21,654	21,476	36
20	3/17/2023	21,443	21,264	36
21	3/17/2023	21,231	21,052	36
22	3/18/2023	21,019	20,841	36
23	3/18/2023	20,807	20,629	36
24	3/18/2023	20,597	20,416	36
25	3/19/2023	20,384	20,205	36
26	3/20/2023	20,172	19,994	36
27	3/20/2023	19,960	19,782	36
28	3/20/2023	19,749	19,570	36
29	3/21/2023	19,537	19,358	36
30	3/21/2023	19,325	19,147	36
31	3/21/2023	19,113	18,935	36
32	3/22/2023	18,902	18,723	36
33	3/22/2023	18,690	18,511	36
34	3/23/2023	18,478	18,300	36
35	3/23/2023	18,266	18,088	36
36	3/23/2023	18,055	17,876	36
37	3/24/2023	17,843	17,664	36
38	3/24/2023	17,631	17,453	36
39	3/24/2023	17,419	17,241	36
40	3/25/2023	17,208	17,029	36
41	3/25/2023	16,996	16,817	36
42	3/26/2023	16,784	16,606	36

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STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
43	3/26/2023	16,572	16,394	36
44	3/26/2023	16,361	16,182	36
45	3/27/2023	16,149	15,970	36
46	3/27/2023	15,937	15,759	36
47	3/27/2023	15,725	15,547	36
48	3/28/2023	15,514	15,335	36
49	3/28/2023	15,302	15,123	36
50	3/28/2023	15,090	14,912	36
51	3/29/2023	14,878	14,700	36
52	3/29/2023	14,667	14,488	36
53	3/29/2023	14,455	14,276	36
54	3/30/2023	14,243	14,065	36
55	3/30/2023	14,031	13,853	36
56	3/30/2023	13,820	13,641	36
57	3/31/2023	13,608	13,429	36
58	3/31/2023	13,396	13,218	36
59	3/31/2023	13,184	13,006	36
60	3/31/2023	12,973	12,794	36
61	4/1/2023	12,761	12,582	36
62	4/1/2023	12,549	12,371	36
63	4/2/2023	12,337	12,159	36
64	4/2/2023	12,126	11,947	36
65	4/2/2023	11,914	11,735	36
66	4/2/2023	11,702	11,524	36
67	4/3/2023	11,490	11,312	36
68	4/3/2023	11,279	11,100	36
69	4/3/2023	11,067	10,888	36
70	4/3/2023	10,855	10,677	36
71	4/4/2023	10,643	10,465	36
72	4/4/2023	10,432	10,253	36
73	4/4/2023	10,220	10,041	36
74	4/4/2023	10,008	9,830	36
75	4/5/2023	9,796	9,618	36
76	4/5/2023	9,585	9,406	36
77	4/5/2023	9,373	9,195	36
78	4/5/2023	9,161	8,983	36
79	4/6/2023	8,949	8,771	36
80	4/6/2023	8,738	8,559	36
81	4/7/2023	8,526	8,348	36
82	4/7/2023	8,314	8,136	36
83	4/7/2023	8,102	7,924	36
84	4/7/2023	7,891	7,712	36

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STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
85	4/7/2023	7,679	7,501	36
86	4/8/2023	7,467	7,289	36
87	4/8/2023	7,255	7,077	36
88	4/8/2023	7,044	6,865	36

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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	3/7/2023	87	9,395	5,478	4,102	197,720	6,022	0
2	3/7/2023	93.6	9,271	5,686	4,300	365,180	10,374	0
3	3/8/2023	93.9	9,555	4,980	4,030	367,000	9,546	0
4	3/8/2023	97.6	9,772	5,522	4,352	367,000	9,395	0
5	3/9/2023	97.6	9,402	4,846	4,502	367,980	9,235	0
6	3/9/2023	97.7	9,722	6,124	4,012	367,000	9,103	0
7	3/10/2023	91.7	10,045	6,170	4,300	367,000	9,126	0
8	3/10/2023	97.9	9,621	5,584	3,985	367,000	8,776	0
9	3/11/2023	92.4	9,426	6,136	4,250	367,000	8,770	0
10	3/12/2023	77.7	8,847	6,475	4,300	367,000	9,476	0
11	3/13/2023	98.5	9,847	5,615	4,205	367,000	9,141	0
12	3/14/2023	97.5	9,981	5,871	4,352	367,000	8,924	0
13	3/14/2023	95.7	9,352	4,501	4,558	367,000	9,406	0
14	3/14/2023	97.3	9,131	6,042	4,528	367,000	8,838	0
15	3/15/2023	97.3	9,275	6,407	4,025	367,000	8,930	0
16	3/15/2023	91.2	8,894	6,591	4,083	367,000	8,628	0
17	3/16/2023	92.3	8,834	6,215	4,562	367,000	8,730	0
18	3/16/2023	74.9	7,586	6,520	4,412	367,000	13,051	0
19	3/17/2023	90.7	8,438	5,982	4,652	367,000	8,749	0
20	3/17/2023	93.1	8,860	6,327	4,421	367,000	8,939	0
21	3/18/2023	85.9	7,900	6,447	4,423	367,000	8,848	0
22	3/18/2023	93.5	8,365	6,191	4,325	367,000	8,542	0
23	3/18/2023	96.4	8,645	5,924	4,455	367,000	8,820	0
24	3/19/2023	85.3	7,785	5,845	4,665	367,000	8,599	0
25	3/20/2023	96.3	8,454	5,648	4,504	367,000	8,657	0
26	3/20/2023	97.4	8,734	5,982	4,782	367,000	8,584	0
27	3/20/2023	96.4	8,625	6,290	4,394	367,000	8,707	0
28	3/21/2023	96.5	8,650	5,697	5,113	367,000	8,668	0
29	3/21/2023	97.8	8,531	5,894	4,859	367,000	8,363	0
30	3/21/2023	93.5	8,631	6,073	4,060	367,000	8,469	0
31	3/22/2023	91.7	8,864	6,108	4,718	367,000	8,514	0
32	3/22/2023	92.6	9,045	6,553	4,621	367,000	8,285	0
33	3/22/2023	96.1	8,844	6,248	4,312	367,000	8,454	0
34	3/23/2023	95.2	8,499	6,428	4,459	367,000	8,421	0
35	3/23/2023	93.7	8,745	6,399	4,158	367,000	8,573	0
36	3/24/2023	94.5	8,400	6,359	4,578	367,000	8,426	0
37	3/24/2023	95.3	7,945	5,236	4,469	367,000	8,081	0
38	3/24/2023	94.5	8,200	5,651	4,383	367,000	8,310	0
39	3/25/2023	94.3	8,154	5,282	4,519	367,000	8,352	0
40	3/25/2023	94.7	8,501	6,257	4,552	367,000	8,240	0
41	3/26/2023	94.7	8,570	6,266	5,092	367,000	8,302	0
42	3/26/2023	98	8,149	5,859	4,323	367,000	8,055	0
43	3/26/2023	95.5	7,972	6,001	5,219	367,000	8,149	0
44	3/27/2023	95.1	8,029	5,753	5,397	367,000	8,055	0
45	3/27/2023	98.8	7,996	5,586	4,421	367,000	8,016	0
46	3/27/2023	95.1	8,256	5,426	4,884	367,000	8,155	0
47	3/28/2023	94.9	8,184	5,946	4,946	366,140	8,146	0
48	3/28/2023	99.2	8,110	6,028	4,527	367,000	7,932	0
49	3/28/2023	98.2	8,167	5,915	4,512	367,000	7,944	0
50	3/28/2023	96.2	8,232	6,251	4,662	367,000	8,009	0
51	3/29/2023	98.4	7,888	5,988	4,321	367,000	8,313	0
52	3/29/2023	98	7,761	4,487	4,689	367,000	8,067	0
53	3/29/2023	94.9	7,430	5,340	4,230	367,000	8,085	0

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ROTH OHI 206H
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	3/30/2023	94.4	7,472	5,720	4,852	367,000	8,075	0
55	3/30/2023	98	7,452	4,752	4,684	367,000	7,833	0
56	3/30/2023	95.6	7,440	5,735	4,660	367,000	8,019	0
57	3/31/2023	97.9	7,382	5,213	4,521	367,000	8,139	0
58	3/31/2023	98	7,231	5,263	5,421	367,000	8,019	0
59	3/31/2023	89.4	7,222	5,412	4,210	367,000	7,943	0
60	4/1/2023	98.4	7,616	4,664	4,125	367,000	8,216	0
61	4/1/2023	96	7,219	5,025	4,160	367,000	8,126	0
62	4/2/2023	94.7	7,290	5,505	4,061	367,000	8,055	0
63	4/2/2023	98.4	7,288	5,747	4,352	367,000	7,869	0
64	4/2/2023	99.2	7,313	5,135	4,258	367,000	7,987	0
65	4/2/2023	96.6	7,214	5,750	5,256	367,000	7,950	0
66	4/3/2023	93.9	7,024	4,957	4,320	367,000	7,943	0
67	4/3/2023	98	7,226	5,115	5,421	367,000	7,917	0
68	4/3/2023	97.9	7,081	5,210	4,662	367,000	8,009	0
69	4/3/2023	96.4	6,952	5,849	4,653	367,000	7,821	0
70	4/4/2023	95.5	7,012	6,221	4,945	367,000	7,754	0
71	4/4/2023	98.8	7,223	5,122	4,258	367,000	7,710	0
72	4/4/2023	98.8	6,844	5,155	4,325	367,000	7,736	0
73	4/4/2023	96.2	7,027	5,221	4,686	367,000	7,836	0
74	4/4/2023	96	6,881	5,322	4,255	320,770	7,051	0
75	4/5/2023	96.7	6,438	4,709	3,968	367,000	7,536	0
76	4/5/2023	99.2	6,496	4,518	4,652	367,000	7,739	0
77	4/5/2023	96.2	6,659	4,967	4,542	367,000	7,732	0
78	4/6/2023	96.6	6,673	5,120	4,250	367,000	7,672	0
79	4/6/2023	99.9	6,687	4,881	4,151	367,000	7,602	0
80	4/6/2023	94	6,211	4,870	4,502	367,000	7,667	0
81	4/7/2023	96.4	6,219	5,040	4,458	367,000	7,572	0
82	4/7/2023	98	6,202	4,654	4,625	367,000	7,642	0
83	4/7/2023	97.6	6,476	4,915	4,645	367,000	7,375	0
84	4/7/2023	97	6,479	5,786	5,034	367,000	7,712	0
85	4/8/2023	96.4	5,955	5,102	4,223	367,000	7,665	0
86	4/8/2023	99.2	6,259	5,170	4,258	367,000	7,370	0
87	4/8/2023	99.3	6,807	4,937	4,438	367,000	7,403	0
88	4/8/2023	97.8	5,820	5,100	4,125	367,000	7,143	0

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	3/7/2023
Job End Date:	4/8/2023
State:	West Virginia
County:	Ohio
API Number:	47-069-00350-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	ROTH OHI 206
Latitude:	40.15114617
Longitude:	-80.68694189
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5,702
Total Base Water Volume (gal):	30,581,696
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	88.50372	Density = 8.345
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.28196	

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			Water	7732-18-5	85.00000	0.28196	
			Water	7732-18-5	45.00000	0.28196	
Sand	SWN Well Services	Proppant					
				Listed Below			
Tolicide 4Frac	SWN Well Services	Biocide					
				Listed Below			
Plexaid 655WG	SWN Well Services	Scale Inhibitor					
				Listed Below			
PLEXSLICK 930	SWN Well Services	Friction Reducer					
				Listed Below			
Ferriplex 80	SWN Well Services	Iron Control					
				Listed Below			
FSTI-CI-02	SWN Well Services	Corrosion Inhibitor					
				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	11.12478	
			Hydrochloric Acid	7647-01-0	15.00000	0.03906	

WVD
 Office of
 Environmental
 Protection
 JUL 0 2023
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 Oil and Gas

			Tetrakis(Hydroxymethyl) Phosphonium Sulfate	55566-30-8	45.00000	0.00533	
			Sodium Erythorbate	6381-77-7	100.00000	0.00120	
			Quaternary ammonium compounds	68424-85-1	7.50000	0.00089	
			Ethanol	64-17-5	2.50000	0.00030	
			Ethylene glycol	107-21-1	40.00000	0.00014	
			N,N-Dimethylformamide	68-12-2	10.00000	0.00003	
			Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	10.00000	0.00003	
			Cinnamaldehyde	104-55-2	10.00000	0.00003	
			Isopropyl alcohol	67-63-0	5.00000	0.00002	
			Triethyl phosphate	78-40-0	5.00000	0.00002	
			1-Octanol	111-87-5	5.00000	0.00002	
			1-Decanol	112-30-1	5.00000	0.00002	
			2-Butoxyethanol	111-76-2	5.00000	0.00002	
			benzyl chloridequaternized	72480-70-7	5.00000	0.00002	

* 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.

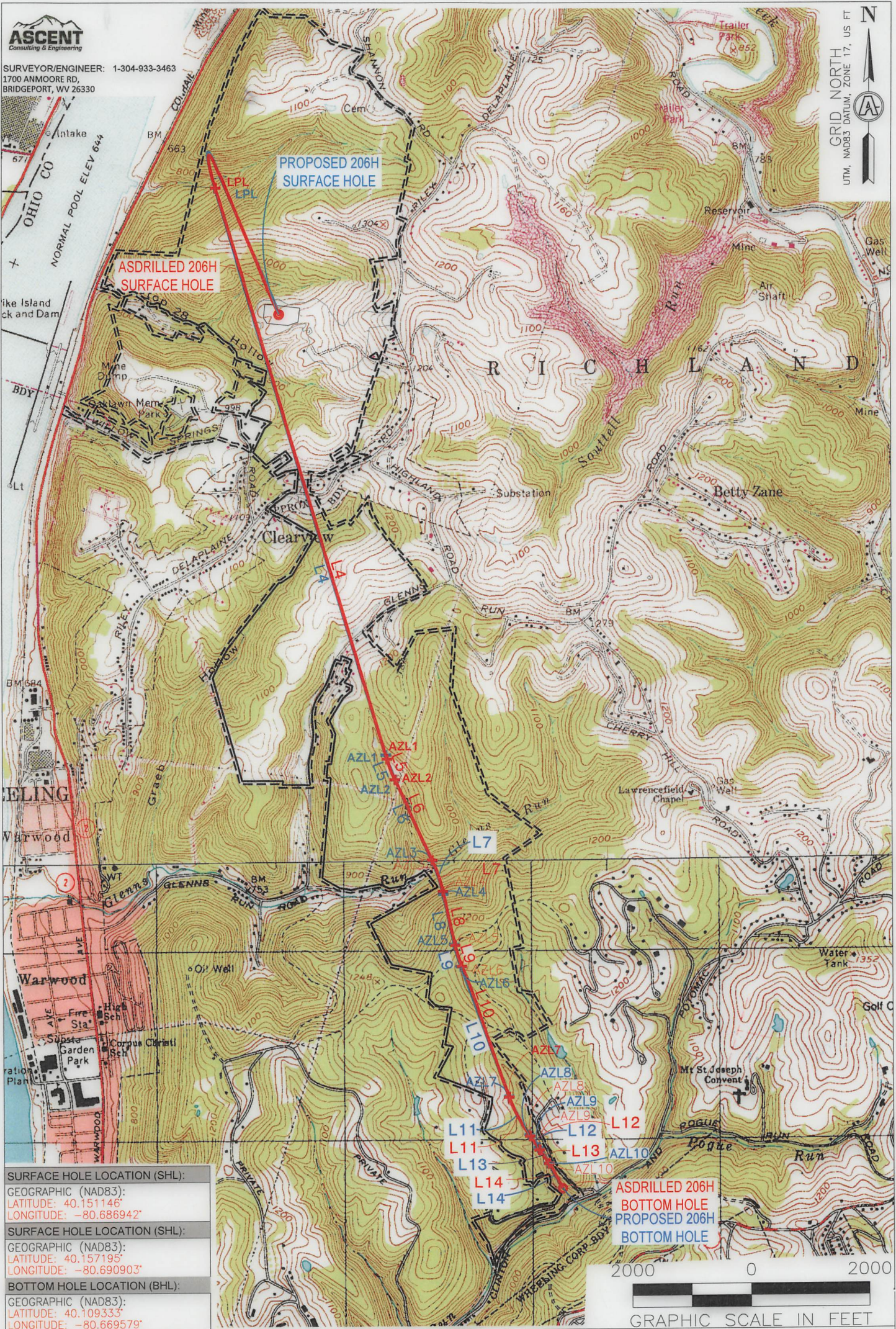
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

RECEIVED
Office of Oil and Gas
JUL 10 2023
WV Department of
Environmental Protection



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330

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



SURFACE HOLE LOCATION (SHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 40.151146°
 LONGITUDE: -80.686942°

SURFACE HOLE LOCATION (SHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 40.157195°
 LONGITUDE: -80.690903°

BOTTOM HOLE LOCATION (BHL):
 GEOGRAPHIC (NAD83):
 LATITUDE: 40.109333°
 LONGITUDE: -80.669579°

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
- ⊕ EXISTING WATER WELL
- ⊙ EXISTING SPRING
- SURVEYED BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH
- DHP BUFFER

09/22/2023

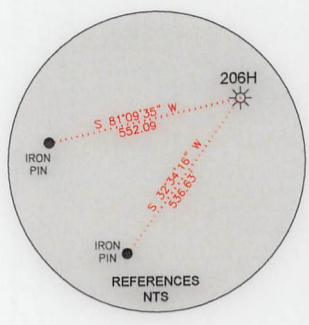
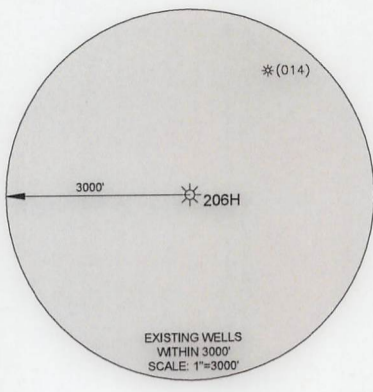
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: ROTH OHI	WELL # 206H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201	COUNTY - CODE OHIO - 35	DISTRICT; RICHLAND	
SURFACE OWNER: ROTH FARMS, LLC	USGS 7 1/2 QUADRANGLE MAP NAME TILTONVILLE	API: 47-069-00350	



SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,580.153 EASTING: 526,663.556
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,250.300 EASTING: 526,323.810
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,944.566 EASTING: 528,159.664
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,580.169 EASTING: 526,663.693
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,445,249.157 EASTING: 526,322.588
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,944.078 EASTING: 528,159.002

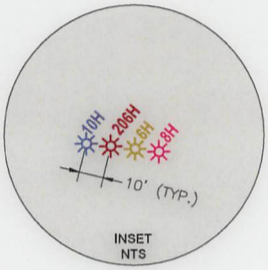
GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



LATITUDE: 40°10'00" SURFACE HOLE 5,666'
LATITUDE: 40°07'30" BOTTOM HOLE 814'

BOTTOM HOLE 5,706'
SURFACE HOLE 5,653'

LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 87°51'16" E	1717.16'	SHL TO MONUMENT	5/8" IRON REBAR
L2	N 70°37'29" E	1788.03'	SHL TO MONUMENT	1" IRON PIPE
LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	N 87°51'20" E	1716.71'	SHL TO MONUMENT	5/8" IRON REBAR
L2	S 70°37'17" W	1787.59'	SHL TO MONUMENT	1" IRON PIPE



LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 26°53'02" W	2,463.68'	24,65.05'	SHL TO LPL
L4	S 16°44'01" E	10,370.24'	10,370.24'	LPL TO AZL1
L5	S 20°56'12" E	385.44'	385.78'	AZL1 TO AZL2
L6	S 24°50'01" E	1,543.11'	1,543.11'	AZL2 TO AZL3
L7	S 18°36'38" E	577.43'	578.57'	AZL3 TO AZL4
L8	S 12°34'52" E	964.22'	964.22'	AZL4 TO AZL5
L9	S 17°13'25" E	385.34'	385.76'	AZL5 TO AZL6
L10	S 19°50'33" E	2,410.42'	2,410.42'	AZL6 TO AZL7
L11	S 27°48'17" E	768.41'	770.88'	AZL7 TO AZL8
L12	S 33°49'10" E	289.88'	289.88'	AZL8 TO AZL9
L13	S 35°13'59" E	289.82'	289.82'	AZL9 TO AZL10
L14	S 28°41'27" E	495.64'	495.64'	AZL10 TO BHL
LINE	BEARING	DISTANCE	CURVE LENGTH	DESCRIPTION
L3	N 27°00'58" W	2,463.68'	3,724.02'	SHL TO LPL
L4	S 16°45'22" E	10,295.54'	10,295.54'	LPL TO AZL1
L5	S 20°37'40" E	459.45'	459.84'	AZL1 TO AZL2
L6	S 24°30'00" E	1,549.33'	1,549.33'	AZL2 TO AZL3
L7	S 18°19'03" E	616.71'	617.84'	AZL3 TO AZL4
L8	S 12°08'10" E	898.61'	898.61'	AZL4 TO AZL5
L9	S 16°11'15" E	404.62'	405.00'	AZL5 TO AZL6
L10	S 20°14'21" E	2,398.96'	2,398.96'	AZL6 TO AZL7
L11	S 27°49'12" E	755.55'	757.87'	AZL7 TO AZL8
L12	S 35°24'03" E	279.15'	279.16'	AZL8 TO AZL9
L13	S 32°12'02" E	319.75'	319.84'	AZL9 TO AZL10
L14	S 29°00'00" E	499.78'	499.79'	AZL10 TO BHL

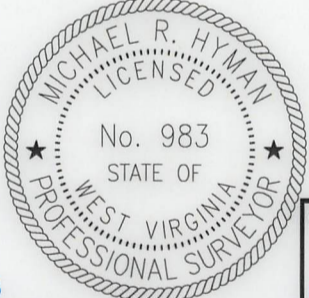
WELL RESTRICTIONS

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. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 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. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE WV NORTH ZONE NAD '83.
2. WELL LAT./LONG ESTABLISHED BY DIRECT GPS NAD '83.
3. BOUNDARIES SHOWN ARE TAKEN FROM TAX MAPS, DEEDS, AND FIELD SURVEY. THIS DRAWING IS NOT REPRESENTATIVE OF A FULL BOUNDARY SURVEY.
4. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN OCTOBER OF 2021.
5. WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.

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.



Michael R. Hyman 06-14-2023
P.S. 983

COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	ROTH OHI
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 206H API WELL #: 47 069 00350 STATE COUNTY PERMIT

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

WATERSHED: UPPER OHIO-WHEELING ELEVATION: 1003.95'

DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONSVILLE 7.5', OH

SURFACE OWNER: ROTH FARMS, LLC ACREAGE: ±118.93

OIL & GAS ROYALTY OWNER: ROTH FARMS, LLC ACREAGE: ±118.93

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: 09/20/2023 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 SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH DHP BUFFER	REVISIONS: DATE: 06-14-2023 FILE NO: DRAWN BY: TMF SCALE: 1" = 2000' DRAWING NO: 2598 WELL LOCATION PLAT 1
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SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330



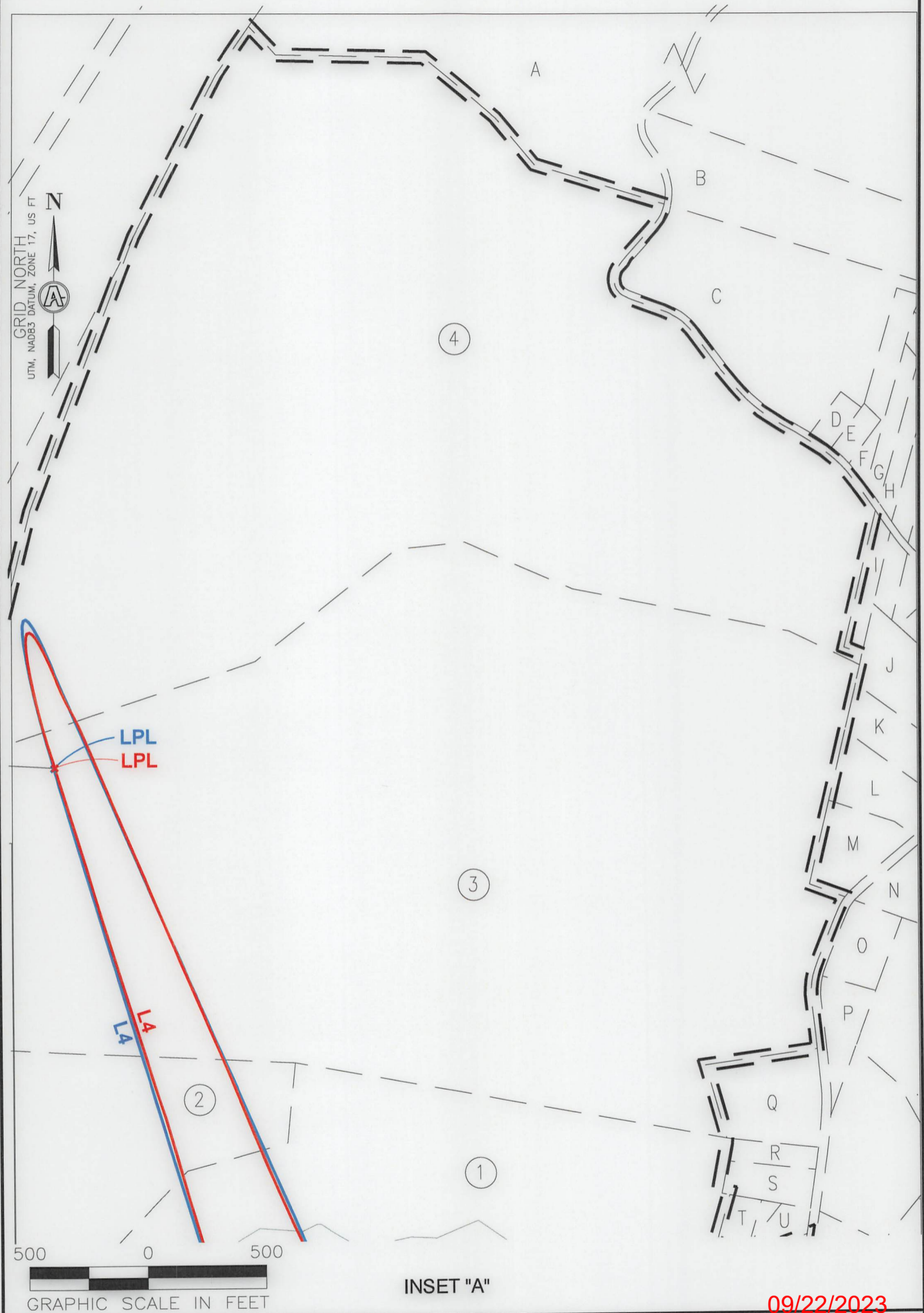
GRID NORTH
 UTM, NAD83 DATUM, ZONE 17, US FT

09/22/2023

REVISIONS:		COMPANY:			
OPERATOR'S		ROTH OHI		API:	
WELL #:		206H		47-069-00350	
DISTRICT:		COUNTY:		STATE:	
RICHLAND		OHIO		WV	
				DATE: 06-14-2023	
				DRAWN BY: TMF	
				SCALE: 1"=2000'	
				DRAWING NO: ACE-2598	
				WELL LOCATION PLAT 2	



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330

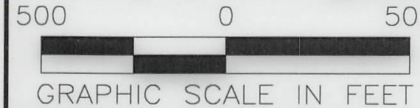
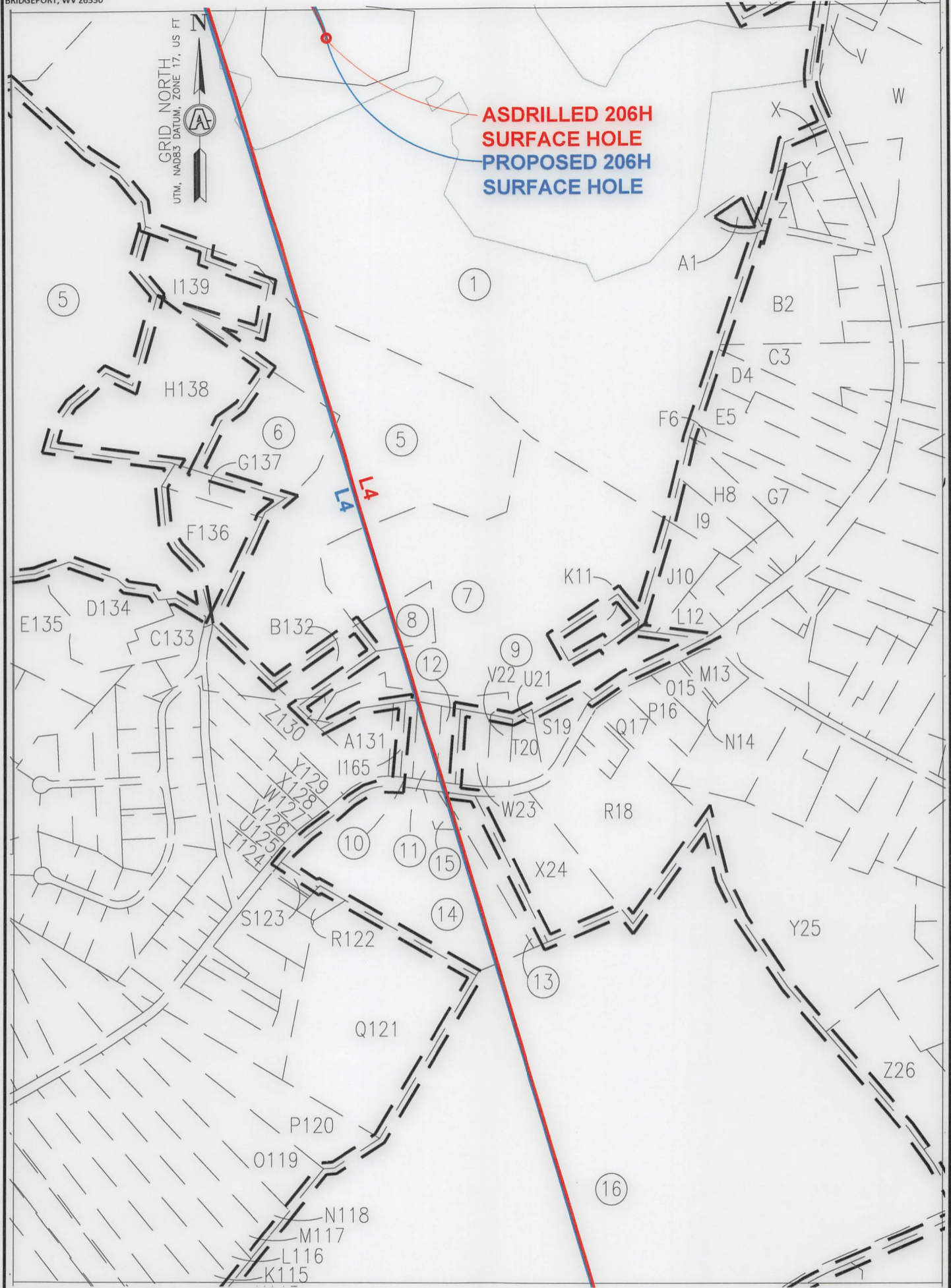


09/22/2023

REVISIONS:	COMPANY:		
	OPERATOR'S	ROTH OHI	API: 47-069-00350
	WELL #:	206H	DATE: 06-14-2023
	DISTRICT:	RICHLAND	COUNTY: OHIO
		STATE: WV	DRAWN BY: TMF SCALE: 1"=500' DRAWING NO: ACE-2598 WELL LOCATION PLAT 3



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330



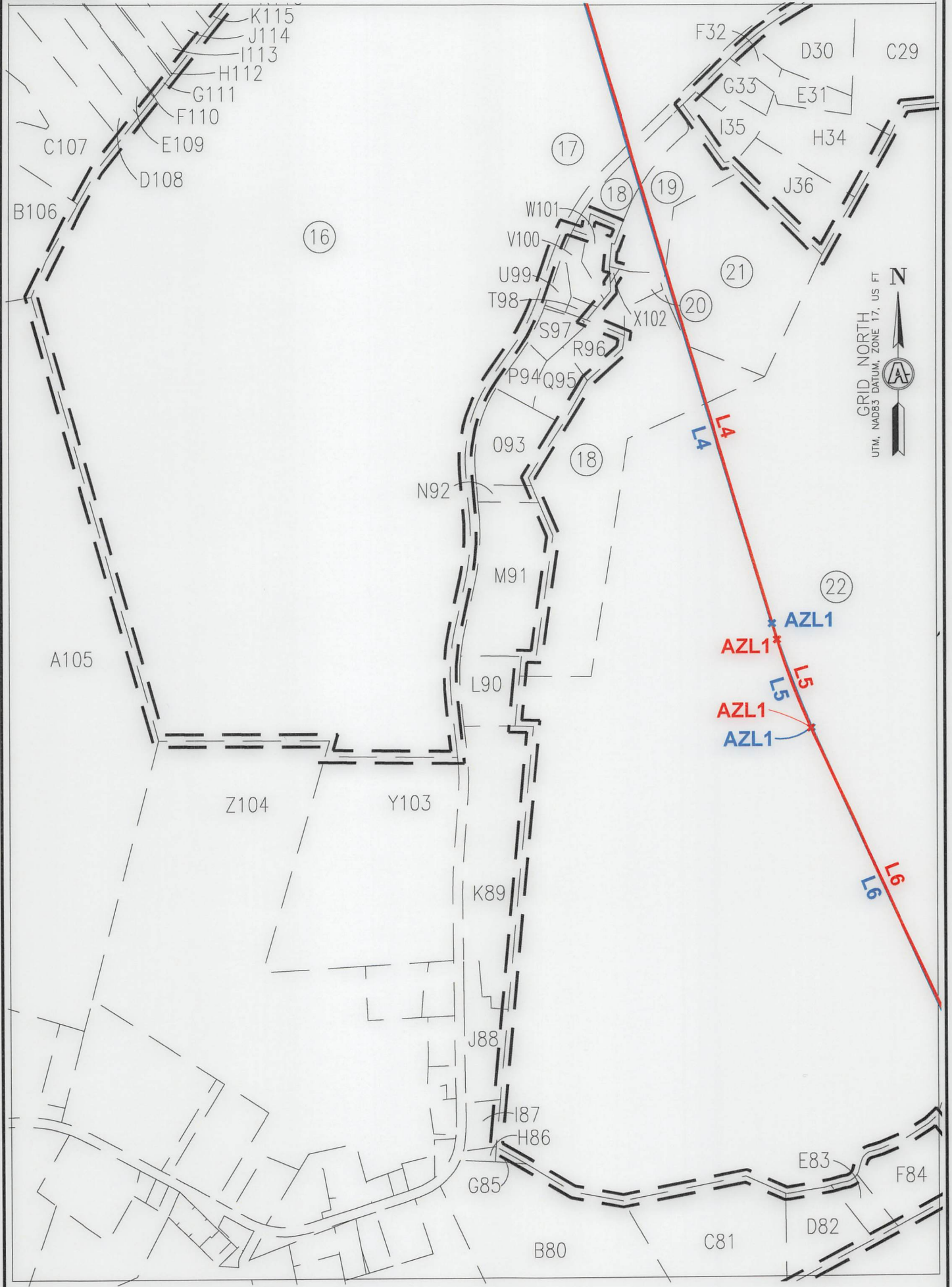
INSET "B"

09/22/2023

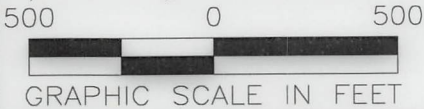
REVISIONS:	COMPANY:			
	OPERATOR'S	ROTH OHI	API:	DATE: 06-14-2023
	WELL #:	206H	47-069-00350	DRAWN BY: TMF
	DISTRICT:	RICHLAND	STATE:	SCALE: 1"=500'
	COUNTY:	OHIO	WV	DRAWING NO: ACE-2598
				WELL LOCATION PLAT 4



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330



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



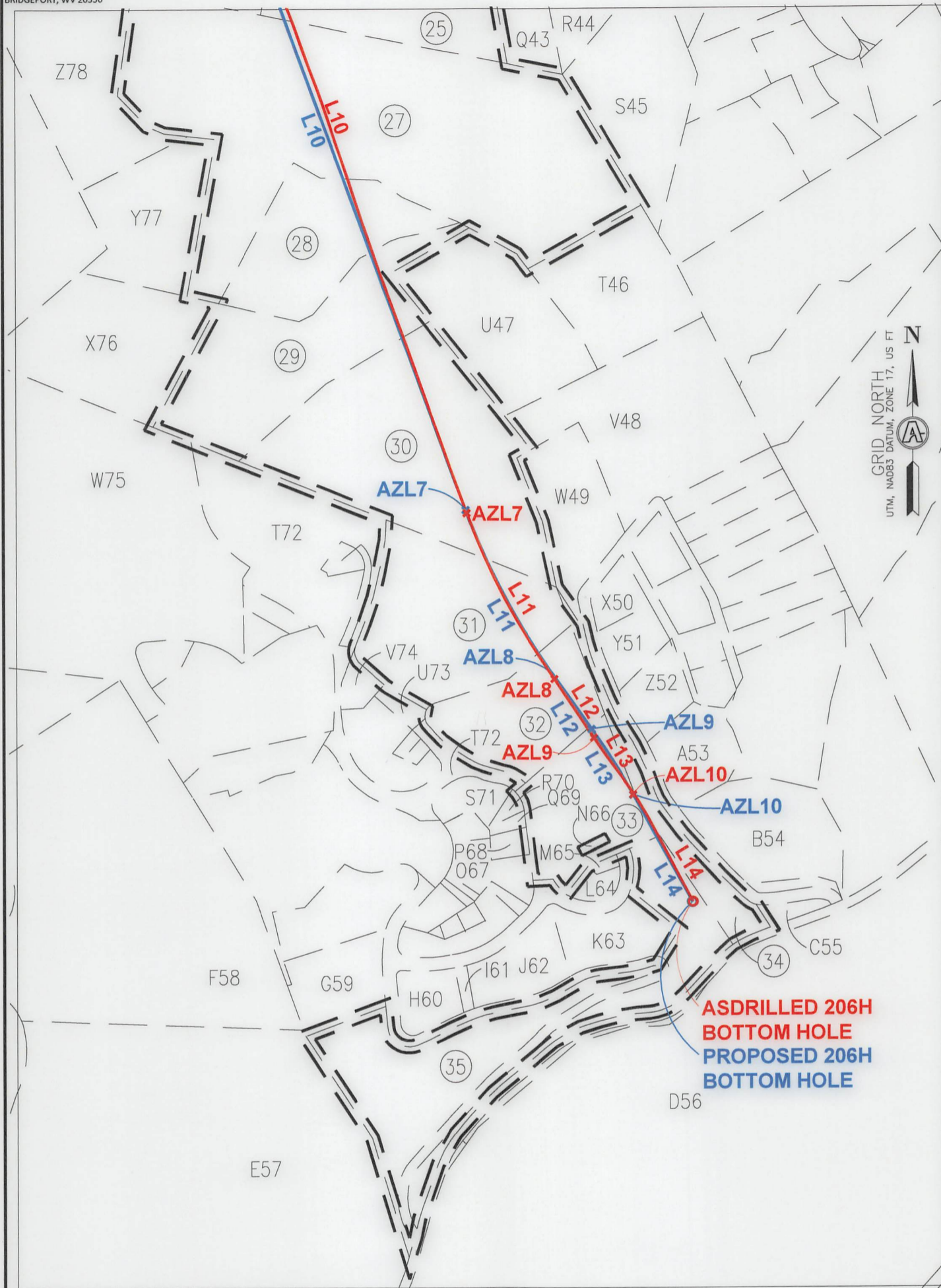
INSET "C"

09/22/2023

REVISIONS:		COMPANY:			
		OPERATOR'S:			
		WELL #:		DATE: 06-14-2023	
		DISTRICT:		DRAWN BY: TMF	
		COUNTY:		SCALE: 1"=500'	
		STATE:		DRAWING NO: ACE-2598	
		WV		WELL LOCATION PLAT 5	



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330



500 0 500



GRAPHIC SCALE IN FEET

INSET "D"

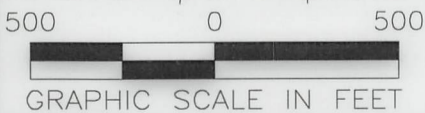
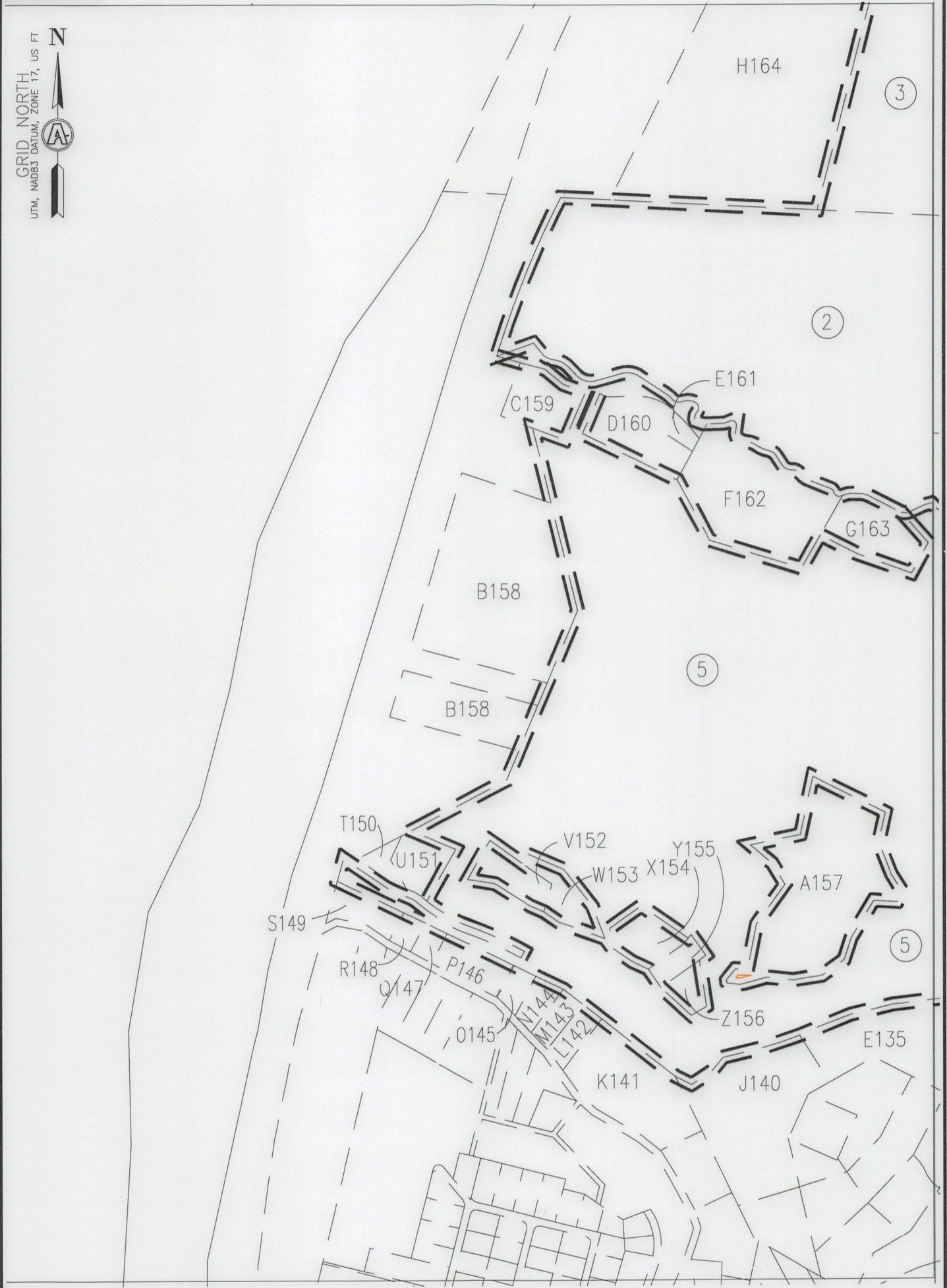
09/22/2023

REVISIONS:		COMPANY:			
OPERATOR'S		ROTH OHI		API:	
WELL #:		206H		47-069-00350	
DISTRICT:		COUNTY:		STATE:	
RICHLAND		OHIO		WV	
				DATE: 06-14-2023	
				DRAWN BY: TMF	
				SCALE: 1"=500'	
				DRAWING NO: ACE-2598	
				WELL LOCATION PLAT 6	



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330

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



INSET "E"

09/22/2023

REVISIONS:	COMPANY:			
	OPERATOR'S			
	WELL #:		API:	DATE:
	DISTRICT:		STATE:	WELL LOCATION PLAT 7
	ROTH OHI	47-069-00350	06-14-2023	
	206H		DRAWN BY: TMF	
	RICHLAND	OHIO	SCALE: 1"=500'	
		WV	DRAWING NO: ACE-2598	



SURVEYOR/ENGINEER: 1-304-933-3463
 1700 ANMOORE RD,
 BRIDGEPORT, WV 26330

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S)/ROYALTY OWNER (R)	TAX PARCEL
1	ROTH FARMS, LLC (S)/ROTH FARMS, LLC (R)	4-R7-24
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	EDGE ALICE MAE - TOD	4-R7-23
3	MCCLURE WM H & MARG A	4-R4-07
4	HEART 2 HEART VOLUNTEERS INC	4-R4-05
5	CITY OF WHEELING	4-R7-18
6	STEWART MARK E; GEIGER LEEANN	4-R7-28
7	FEDORKE AARON P & TIMOTHY J	2-CV4-3
8	FEDORKE TIMOTHY JOSEPH	4-R7-37
9	DELANEY EXIE II	4-R7-27.1
10	CUPP KENNETH J	2-CV3-7.1
11	CUPP KENNETH J	2-CV3-8
12	HALESKI PHILIP J & S K	2-CV3-9
13	KLEIN JACK W JR & B J	2-CV4-22.1
14	MYERS WILBERT E III & J S	2-CV3-13
15	HINKLE RANDELL L & D	2-CV3-12
16	WARWOOD LAND CO LLC	4-R7-31
17	STATE OF WV, DEPARTMENT OF TRANSPORTATION	Cherry Hill Road
18	JOHNSON JOHN LLOYD	4-R7-39
19	JOHNSON JOHN	4-R10-29
20	BEABOUT EARL T JR & L L	4-R10-23
21	MCCLAUGHLIN HENRY J III	4-R10-29.1
22	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R10-31
23	MARY ANN HESS REALTY LLC	4-R11-5
24	GOLDEN CHRISTOPHER SCOTT GOLDEN BRANDACE LYNN	4-R11-2.4
25	GOLDEN CHRISTOPHER SCOTT BRANDACE LYNN	4-R11-2.3
26	DEFELICE LESLIE PAUL	4-R11-2.7
27	DOYLE DANIEL T	4-R11-2.2
28	WELDER PAUL J & ALYSSA LEE	4-R11-2.10
29	CUSACK JOHN L & TAMMIE L	4-R11-2.9
30	MULL ELLEN CLARICE ET AL	4-R11-1
31	WOLFE AARON T & MICHELLE R	4-R14A-53.6
32	HEARNE WILLIAM H III & C N	4-R14A-53.4
33	KENNEN ROBERT D & DELILAH L	4-R14A-53.7
34	SCHMITT JAMES A	4-R14-4.6
35	JOSEPH ELIAS E	4-R14A-53

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S)	TAX PARCEL
A	PLUMBY SARA, JULIE KLEIN & JUDITH PATTI	4-R5-22
B	ESTEP JOHN L	4-R5-22.4
C	BUCK THOMAS E & TERRI D	4-R5-23
D	BEEVER MICHAEL E & P A	4-R5-23.3
E	HASELEU ELAINE	4-R5-23.1
F	HASELEU ELAINE M	4-R5-25
G	RICHARDSON DANIEL	4-R5-26.2
H	RICHARDSON BRIAN D AND FLANEGAN CASEY K	4-R5-26.1
I	BOYD ROBERT JEFFREY & CHERYL L	4-R5-24
J	OLEJASZ JOSEPH R JR	4-R5-34
K	OLEJASZ JOSEPH R JR	4-R5-35
L	KUCERA CARL J & SHARON L	4-R5-35.2
M	PAVELICH-SWIGER SHERRI J PAVELICH JEFFREY M	4-R5-35.1
N	WEIGAND PAUL & REBECCA FAMILY TRUST	4-R5-40.1
O	SHELL RICHARD A & N	4-R8-1.1
P	HABERFIELD WAYNE K & D A	4-R8-1
Q	MCCLURE WM H & MARGARET A	4-R7-26.1
R	LEFKAY SCOTT A & TRACY L	4-R8-2.3
S	FELDNER CHARLENE M - TOD	4-R8-2.1
T	CALDWELL SHANE J & CALDWELL SUZANNE M	4-R7-24.1
U	OLEJASZ JR JOSEPH R OLEJASZ J R SR & G (RT-OC)	4-R8-2.2
V	MCKEE JAMES F JR & EILEEN B	4-R8-77
W	TUNNEL RIDGE LLC	4-R8-4.18
X	KUCERA LISA A	4-4.8
Y	HELDEFFER GEORGE W	4-4.7
Z	CAMPBELL ALLEN B	4-R8-4.9
A1	CALDWELL SHANE AND SUZANNE	4-R8-78
B2	CLARK JOHN M & B C	4-R8-4.1
C3	CLEGG R E & J L	2-CV1-5
D4	TOMAC ROBERT C JR	2-CV1-4
E5	ROGERSON BENTON L SR & K S	2-CV1-2
F6	SHEARER PHILLIP G & CINDY M	2-CV1-1
G7	QUINN JOHN THOMAS	2-CV4-7
H8	QUINN THOMAS F & SUE ANN TAYLOR	2-CV4-7.4
I9	BENNER SUZANNE J & JAMES T BENNER	2-CV4-7.5
J10	FEDORKE AARON P & FEDORKE RACHEL SUE	2-CV4-4.1
K11	FEDORKE AARON P & RACHEL SUE	4-R7-27.3
L12	MAMULA VALERIE & GEORGE - TOD	2-CV4-4
M13	TURNER TERRY L	2-CV4-18
N14	BONNER ANTHONY S & WRIGHT AMBER R	2-CV4-18.2
O15	BONNER ANTHONY S & AMBER R WRIGHT	2-CV4-18.1
P16	SCAMMELL DAVID & SUSAN	2-CV4-19
Q17	WILLEY JILL A	2-CV4-20
R18	PAVLIK NICHOLAS D AND GLORIA K	2-CV4-21.2
S19	CUPP DAVID J	2-CV4-2
T20	STAHNKE DAVID A & TRICIA J	2-CV4-1
U21	STAHNKE DAVID A AND LITTEN T J	2-CV4-1.1
V22	KOZUSNIK AIMEE N; WHITE LUTHER R	2-CV3-11
W23	DELANEY EXIE II	2-CV3-10
X24	MURRAY BRYAN M AND JOAN C	2-CV4-22
Y25	HESTIA LLC	4-R8-65.1
Z26	GLENN VIEW LIMITED PARTNERSHIP	4-R8-65.4
A27	GLENN VIEW II LIMITED PARTNERSHIP	4-R8-68
B28	MEREDITH DONALD R II AND JULIE	4-R8-69.1
C29	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-70
D30	NONI LLC	4-R7-34
E31	NONI LLC	4-R7-34.1
F32	JOHNSON MILDRED J	4-R7-33
G33	JOHNSON MILDRED J	4-R7-32
H34	FUGATE LOGAN DANIEL	4-R7-35
I35	JOHNSON MILDRED JOANN	4-R7-36
J36	JOHNSON STEVEN L & D T	4-R7-36
K37	MEREDITH DONALD R II AND J K	4-R8-69.3
L38	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-52
M39	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R11-11
N40	PENN HOLDING LIMITED LIABILITY COMPANY	4-R11-6.3
O41	KURTZ PENN L & JEAN S	4-R11-6.14
P42	TIU JEREMY J & MELISSA J	4-R11-6.18
Q43	GEBHARDT ROBERT TODD GEBHARDT CANDACE ANN	4-R11-2.1
R44	GEBHARDT ROBERT T & CANDACE A	4-R11-6.16
S45	BLOCH STUART STEPHENSON & KATHY J BLOCH	4-R11-6.17
T46	MANNING JACOB A & ADRIANNE L	4-R11-2.8
U47	DOYLE MATTHEW M & CHRISTINE M	4-R11-2.5
V48	HAND SCOTT A & CORRIE J	4-R11-2
W49	CHILDERS WILLIAM A & JENNIFER LYNN	4-R14-4.7
X50	GROUNDS ANGELA JO	4-R14-1
Y51	GARRETT JOHN T & JENNET COOLEY GARRETT	4-R14-1.2
Z52	GARRETT JOHN TRAVIS & JENNET COOLEY	4-R14-1.1

09/22/2023

REVISIONS:	COMPANY:			
	OPERATOR'S			
	WELL #:		DATE: 06-14-2023	
	DISTRICT:		DRAWN BY: TMF	
	COUNTY:		SCALE: N/A	
	RICHLAND		DRAWING NO: ACE-2598	
	OHIO		WELL LOCATION PLAT 8	
	STATE:			
	WV			



SURVEYOR/ENGINEER: 1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S)	TAX PARCEL
A53	GARRETT JOHN T	4-R14-5.1
B54	MELIA JOSEPH M & J M	4-R14-6.1
C55	SCHMITT JAMES A	4-R14-4.5
D56	CITY OF WHEELING	4-R14-15
E57	POLACK EDWARD P	4-R14-95
F58	HUPP SARA	4-R13-14
G59	STRAUB RANDALL E ET AL	4-R14E-1
H60	JOSEPH ELIAS EDW	4-R14E-5
I61	JOSEPH ELIAS	4-R14E-6
J62	ASHMORE PAUL B & MELISA L	4-R14E-6
K63	HODGE JEREMY J & MARGIE M	4-R14E-8
L64	HODGE JEREMY & MARGIE	4-R14A-53.3
M65	HODGE JEREMY & MARGIE	4-R14A-199
N66	FERGUSON SANDRA N	4-R14A-197
O67	FAMILY 9/7/11 IRREVOCABLE TRUST	4-R14A-186
P68	FAMILY 9/7/11 IRREVOCABLE TRUST	4-R14A-171
Q69	FAMILY 9/7/11 IRREVOCABLE TRUST	4-R14A-170
R70	HEARNE WILLIAM H III & C N	4-R14A-169
S71	HEARNE WILLIAM H III & C N	4-R14A-163
T72	COX C NOLAN & DEBORAH A	4-R14A-25
U73	PETRI JOSEPH L JR	4-R14A-53.8
V74	CONSTANTIN THOMAS E & ELIZABETH K	4-R14A-53.5
W75	SANTORINE LORA KAY SANTORINE ADOLPH W JR	4-R14A-24
X76	LOWE JEREMY J & AMANDA L	4-R11-2.6
Y77	LOWE JEREMY J & AMANDA L	4-R11-2.11
Z78	DOYLE DANIEL T & LUCINDA E	4-R11-2.12
A79	MULL ELLEN CLARICE ET AL	4-R10-44.1
B80	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-41
C81	MURRAY SANDRA	4-R10-41
D82	MCCARDLE STANLEY JR & MARYANN	4-R11-3
E83	WITSBERGER MARGUERITE L	4-R11-4.1
F84	WITSBERGER AMY L	4-R11-4
G85	NORTH FORK LANDFILL INC C/O SARKIS SUSAN	4-R10-41.1
H86	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-39.1
I87	IAFRATE DAVID A	4-R10-39
J88	MCCARDLE STANLEY M JR & M	4-R10-36
K89	MCCARDLE STANLEY M JR & M	4-R10-35
L90	INTERSTATE DEV CORP C/O JACK FELTON CPA	4-R10-46
M91	WEST SHARON L	4-R10-28
N92	BROOKS WILLIAM S C/O WESBANCO TRUST	4-R10-27.1
O93	ERNEST RICHARD H JR & A L	4-R10-27
P94	WILSON CINDY L P & D L	4-R10-26
Q95	MCCRACKEN ROBERT W	4-R10-25
R96	BROST JR CLARENCE W	4-R10-24
S97	BROST RICHARD	4-R10-24.1
T98	BROST JR CLARENCE W	4-R10-22.2
U99	NEWLAND DARRELL L	4-R10-22.3
V100	KYLE CHAD J & EA	4-R10-22
W101	BURTRAND GARY E & T L	4-R10-22.1
X102	BURTRAND GARY E & T L	4-R10-23.1
Y103	BREIDING JOSHUA D & SARAH N	4-R10-20
Z104	SARKIS SJ; ROHRIG RF; ROHRIG JR; ROHRIG RF TTEE	4-R10-19
A105	NORTH FORK LANDFILL INC	4-R10-43
B106	MCGLAUGHLIN DENNIS & S	4-R7-30
C107	CLEARVIEW VOL FIRE DEPT INC	2-CV6-34.1
D108	STEWART CAROL	2-CV6-28
E109	BOPP VICTOR V III & DIANN	2-CV6-28.3
F110	JOSEPH BRADLEY R & JANETTE L	2-CV6-27.1
G111	JOSEPH BRADLEY R & JANETTE L	2-CV6-27
H112	JOSEPH BRADLEY R & JANETTE L	2-CV6-27.2
I113	LAING MARGARET T	2-CV6-26
J114	KIRKSEY MARK R WEATHERSON NANCY (RES'V L/E)	2-CV6-25
K115	CONTRAGUERRO MICHAEL J & P A	2-CV6-24
L116	STEWART GREGORY L & JODI A	2-CV6-23
M117	GALIK JACOB A	2-CV6-22
N118	DAGRAVA TIMOTHY & MEGAN	2-CV6-21
O119	HLAD DOUGLAS M & LISA ANN	2-CV6-20
P120	STEWART LOGAN G	2-CV6-19
Q121	SZALAY FRANCIS E & PL	2-CV3-13.1
R122	CARPENTER RILEY LYNN & MICHAEL DUANE CARPENTER	2-CV3-13.2
S123	PRINCE DENZEL H JR	2-CV3-14.1
T124	ADKINS HOWARD R & E L	2-CV3-5
U125	BELLVILLE ELIZABETH P	2-CV3-4.4
V126	KEEPER JOHN W	2-CV3-4.3
W127	MYERS THOM C & LINDA J	2-CV3-4.5
X128	MAMULA GEO W & V L - TOD	2-CV3-4.6
Y129	STOEHR RONALD J & M G	2-CV3-4
Z130	STOEHR RONALD J & M G	2-CV3-4.7

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S)	TAX PARCEL
A131	SCHUETZ RAYMOND J	2-CV3-6
B132	BIEGA FRANK & CONNIE	4-R7-27.2
C133	ROWND DENISE A ROWND DANIEL THOMPSON III	4-R7-14.1
D134	ROWND DENISE & DANIEL T III	4-R7-14
E135	ROWND DENISE & THOMPSON DANIEL, III	4-R7-12
F136	BIEGA FRANKIE P & C S	4-R7-15
G137	STEWART MARK E	4-R7-15.2
H138	FLUHARTY MICHAEL AND BRENDA K	4-R7-17
I139	HARTFILE GARY- TOD	4-R7-15.1
J140	BIEGA CONNIE SUE & FRANK PAUL	4-R7-12.10
K141	CITY OF WHEELING	4-R7L-105
L142	CITY OF WHEELING	4-R7L-100
M143	MACFARLAND DARIN P & K L	4-R7L-99
N144	CITY OF WHEELING	4-R7G-25
O145	MACFARLAND DARIN P & KIMBERLY	4-R7G-24
P146	COMER JAMES A & J A	4-R7G-23
Q147	COMER JAMES A & J A	4-R7G-20
R148	ROBINSON RICHARD J	4-R7G-19
S149	VELEGOL DAVID & CAROLYN	4-R7G-18
T150	GUZZI COREY A & BRITTANY N	4-R7-10
U151	GUZZI COREY A & BRITTANY N	4-R7-11
V152	FLUHARTY MICHAEL L	4-R7-6
W153	WOLFE JAMES R ESTATE	4-R7-7
X154	FLUHARTY MICHAEL L & BRENDA K	4-R7-8
Y155	FLUHARTY MICHAEL L & BRENDA K	4-R7-9.1
Z156	FLUHARTY MICHAEL & BRENDA	4-R7-9.1
A157	OAKLAND MEMORIAL CEMETERY	4-R7-18.1
B158	ZOECKLER C W R R & C L	4-R7-56
C159	JONES SHANNON M WILDS	4-R7-16.1
D160	DEAN LOMAN L & R Z	4-R7-21
E161	LOEW J W JR & ELSIE	4-R7-22
F162	HARTFILE GARY- TOD	4-R7-16
G163	HARTFILE GARY L- TOD	4-R7-20
H164	DONOHUE WILLIAM SCOTT & LAURA	4-R4-2.4
I165	SCHUETZ RAYMOND J & B A	2-CV3-7

09/22/2023

REVISIONS:	COMPANY:			
	OPERATOR'S			
	WELL #:		ROTH OHI 206H	
	DISTRICT:		API: 47-069-00350	
RICHLAND		DATE: 06-14-2023		
COUNTY:		DRAWN BY: TMF		
OHIO		SCALE: N/A		
STATE:		DRAWING NO: ACE-2598		
WV		WELL LOCATION PLAT 9		