

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

RECEIVED
Office Of Oil and Gas

JUL 31 2025

WV Department of
Environmental Protection

API 47 - 069 - 00376 County Ohio District Richland
Quad Wheeling Pad Name Shannon Fields Field/Pool Name Panhandle Field - Wet
Farm name Shannon Fields OHI Well Number 5H
Operator (as registered with the OOG) SWN Production Company LLC
Address PO Box 12359 City Spring State TX Zip 77391

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,437,623.662 Easting 529,164.539
Landing Point of Curve Northing 4,437,523.983 Easting 528,578.743
Bottom Hole Northing 4,444,878.556 Easting 525,813.827

Elevation (ft) 1,236.13 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 2025-11-24 Date drilling commenced 2025-02-27 Date drilling ceased 2025-03-12
Date completion activities began 2025-04-09 Date completion activities ceased 2025-06-06
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 356' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 606' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 487' Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED

Reviewed by:

[Signature]
09/26/2025

JUL 31 2025

Page 2 of 4

WR-35
Rev. 8/23/13WV Department of
Environmental Protection

API 47-069 - 00376

Farm name Shannon Fields OHI

Well number 5H

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	20.000	20.000	136		J-55/94.00		Y
Surface	17.500	13.375	545		J-55/54.50		Y
Coal							
Intermediate 1	12.250	9.625	2,324		J-55/36.00		Y
Intermediate 2							
Intermediate 3							
Production	8.500	5.500	32,648		P-110/20.00		Y
Tubing		2.875	0		P-110/6.50		
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	1,091	15.6	1.19	0	Surface	8
Coal							
Intermediate 1	Class A	838	15.6	1.18	0	Surface	8
Intermediate 2							
Intermediate 3							
Production	Class A	6,725	14.5	1.26	0	Surface	24
Tubing							

Drillers TD (ft) 32,648

Loggers TD (ft) 32,648

Deepest formation penetrated Marcellus

Plug back to (ft) 0

Plug back procedure N/A

Kick off depth (ft)

Check all wireline logs run

☒ caliper☒ density☒ deviated/directional☐ induction☒ neutron☒ resistivity☐ gamma ray☒ temperature☐ sonicWell cored ☐ Yes ☒ No

Conventional

Sidewall

Were cuttings collected ☐ Yes ☒ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING

SURFACE: CENTRALIZERS - EVERY THIRD JOINT OF CASING

INTERMEDIATE: CENTRALIZERS - EVERY THIRD JOINT OF CASING

PRODUCTION: CENTRALIZERS - EVERY THIRD JOINT FROM SURFACE TO TOP OF CURVE, THEN EVERY JOINT UNTIL TD

WAS WELL COMPLETED AS SHOT HOLE ☐ Yes ☒ No DETAILSWAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILSWERE TRACERS USED ☐ Yes ☒ No TYPE OF TRACER(S) USED

09/26/2025

API 47-069 - 00376 Farm name Shannon Fields OH Well number 5H

[illegible][illegible]

09/26/2025

Well number 5H

DEPTHS

RECEIVED
Office Of Oil and Gas

JUL 31 2025

WV Department of
Environmental Protection

Please insert additional pages as applicable.

OIL TEST ☐ Flow ☐ Pump

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY
	10,099	mcfpd	1,699	bpd	0	bpd	2,656	bpd	☐ Estimated ☒ Orifice ☐ Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)

[illegible]

Please insert additional pages as applicable.

Address	PO Box 12395	City	Spring	State	TX	Zip	77391-2359
---------	--------------	------	--------	-------	----	-----	------------

Address 9110 Grogans Mill Road City The Woodlands State TX Zip 77380

Address 110 Schlumberger Drive City Sugar Land State TX Zip 77478

Address PO Box 12395 City Spring State TX Zip 77391

Please insert additional pages as applicable.

Telephone 570 290-8837

Signature  Title Regulatory Manager Date 07/29/2025

Attach copy of FRACFOCUS Registry

09/26/2025

Refresh		Wellbore Name: SHANNON FIELDS OHI 5H										Frac Company		A/E						
		Operator: EXPAND OPERATING LLC										Division: SOUTHWEST APPALACHIA		Latitude: 40.08317						
		Pad: EXPAND OPERATING LLC										Longitude: -80.658092								
Free String :		15-in 20W P-110 HP Production Casing Set at 32,648 ft										CLAT: 25.932 ft		Stages/Dav: 0.34						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Date :	4/25/2025	4/26/2025	4/26/2025	4/26/2025	4/26/2025	4/26/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025	4/27/2025
	Top Perf (ft) :	32,473	32,261	32,053	31,845	31,636	31,428	31,219	31,011	30,803	30,594	30,386	30,177	29,969	29,761	29,552	29,344	29,136	28,927	28,719
	Btm Perf (ft) :	32,562	32,437	32,229	32,020	31,812	31,603	31,395	31,187	30,978	30,770	30,562	30,353	30,145	29,936	29,728	29,520	29,311	29,103	28,894
	Number of Perf Holes :	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
	Perf Hole ID (in) :	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
	TVD (ft) :	5,872	5,873	5,875	5,877	5,879	5,881	5,882	5,884	5,887	5,891	5,894	5,895	5,896	5,897	5,897	5,898	5,898	5,899	5,899
	Capacity to Top Perf (bbls) :	721	716	711	707	702	698	693	688	684	679	674	670	665	661	656	651	647	642	637
	Capacity to Bottom Perf (bbls) :	723	720	715	711	706	701	697	692	688	683	678	674	669	664	659	655	651	646	641
	Survey (Inclination) :	32,518	32,349	32,141	31,933	31,724	31,516	31,307	31,099	30,891	30,682	30,474	30,265	30,057	29,849	29,640	29,432	29,224	29,015	28,807
	Pump Down Time :	4/26/25 3:40	4/26/25 10:38	4/26/25 16:15	4/26/25 18:59	4/26/25 22:18	4/26/25 23:04	4/27/25 1:37	4/27/25 5:01	4/27/25 8:42	4/27/25 12:15	4/27/25 15:35	4/27/25 18:57	4/27/25 20:30	4/27/25 22:20	4/27/25 23:57	4/27/25 2:04	4/27/25 5:13	4/27/25 8:40	4/27/25 11:13
	Pumpdown Total Time :	0.67	1.33	0.87	0.72	0.77	0.75	0.68	0.70	0.73	0.73	0.97	0.65	0.65	0.70	0.63	0.77	0.68	0.68	0.67
	Stage Start Time :	5/14/24 13:04	4/26/25 4:20	4/26/25 11:01	4/26/25 16:59	4/26/25 20:30	4/26/25 23:04	4/27/25 1:37	4/27/25 5:01	4/27/25 8:42	4/27/25 12:15	4/27/25 15:35	4/27/25 18:57	4/27/25 20:30	4/27/25 22:20	4/27/25 23:57	4/27/25 2:04	4/27/25 5:13	4/27/25 8:40	4/27/25 11:13
	Stage Stop Time :	4/26/25 1:33	4/26/25 1:33	4/26/25 14:42	4/26/25 18:38	4/26/25 22:06	4/27/25 1:31	4/27/25 4:43	4/27/25 8:11	4/27/25 11:50	4/27/25 15:25	4/27/25 19:52	4/27/25 23:03	4/27/25 23:03	4/27/25 23:03	4/27/25 23:03	4/27/25 23:03	4/27/25 23:03	4/27/25 23:03	4/27/25 23:03
	Total Stage Time: (hrs)	8506.48	3.55	3.68	1.65	1.60	2.45	2.35	2.48	2.43	2.43	2.28	2.40	2.27	2.28	2.28	2.60	2.53	3.45	2.33
	IWHP (psi) :	993	2,076	2,511	2,881	2,750	2,882	3,157	3,086	2,869	3,121	2,931	2,921	3,190	3,159	2,847	2,819	3,185	3,029	2,733
	15 % HCl Acid (bbls) :	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
	Number of Perf Clusters	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Perf Spacing (ft)	268	365	366	163	146	151	152	149	144	146	148	148	132	141	141	139	145	138	137
	Pump down (bbls)	8,316	8,426	8,756	7,885	7,805	7,987	7,922	7,882	7,798	7,954	7,934	7,894	7,850	7,856	7,872	7,790	7,903	7,917	7,732
	Frac Water (bbls)	8,316	8,694	9,122	8,048	7,951	8,138	8,074	8,031	7,942	8,100	8,082	8,016	7,991	7,997	8,011	7,935	8,041	8,054	7,867
	Sturry Volume (bbls)	8,528	9,075	9,495	8,436	8,341	8,540	8,474	8,428	8,334	8,504	8,484	8,421	8,395	8,399	8,416	8,328	8,438	8,464	8,264
	100 Mesh (lbs)	110,140	149,260	151,430	150,200	149,920	152,810	146,320	152,560	151,370	147,860	151,340	150,050	155,180	147,260	148,830	147,550	154,530	155,870	151,350
	20/40, 30/70, & 40/70 (lbs)	196,570	366,260	364,160	365,360	365,320	367,530	365,120	367,420	364,430	365,240	365,860	372,410	365,810	370,730	365,810	367,990	373,290	367,770	360,770
	Total Prop from Stim Int Prop Table (lbs)	196,570	366,260	364,160	365,360	365,320	367,530	365,120	367,420	364,430	365,240	365,860	372,410	365,810	370,730	365,810	367,990	373,290	367,770	360,770
	Total Prop from StimStage Table (lbs)	196,570	366,260	364,160	365,360	365,320	367,530	365,120	367,420	364,430	365,240	365,860	372,410	365,810	370,730	365,810	367,990	373,290	367,770	360,770
	Avg Rate (bbls/min) :	71	76	77	85	86	85	89	88	88	86	90	91	92	92	91	90	89	90	92
	Av Pressure (psi) :	9,748	9,499	9,822	10,193	10,208	10,194	10,191	10,047	10,074	9,994	10,215	10,167	10,274	10,307	10,068	9,973	9,631	10,321	10,115
	Max Rate (bpm) :	80	82	86	94	96	92	99	100	100	100	100	100	100	99	100	100	96	98	99
	Max Pressure (psi) :	9,996	9,949	10,357	10,469	10,496	10,513	10,555	10,520	10,382	10,433	10,590	10,589	10,617	10,607	10,536	10,414	10,499	10,644	10,755
	Break Pressure (psi) :	9,312	5,833	5,915	5,758	5,830	5,789	5,809	5,884	5,884	4,750	5,626	4,625	4,625	5,724	5,493	4,518	4,643	6,125	5,967
	ISF (psi) :	3,452	3,935	3,978	3,770	4,070	3,997	4,282	4,255	4,033	4,501	4,298	4,574	4,382	4,235	4,028	4,238	4,196	4,274	4,800
	FG (psi/ft) :	1.01	1.09	1.10	1.06	1.11	1.10	1.15	1.15	1.11	1.19	1.14	1.17	1.17	1.14	1.11	1.14	1.14	1.15	1.24
	Biocide (gal)	34	28	27	28	28	28	28	28	28	29	28	28	28	28	28	26	29	29	28
	Corrosion Inhibitor (lbs)	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
	Friction Reducer (gal)	8,658	8,951	9,367	8,068	7,207	6,604	7,876	7,361	6,574	8,418	7,039	6,579	6,731	8,387	7,031	5,659	5,591	7,198	6,739
	HCl 15% (gal)	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,000	1,000	1,000	1,000	1,000	1,000
	Scale Inhibitor (gal)	34	28	27	28	28	28	28	28	28	29	28	28	28	28	28	28	29	29	28
	Breaker																			
	Average Density (SG)																			
	Average of pH																			
	Average of Conductivity																			
	Average of Calcium																			
	Average of Magnesium																			
	Average of Chlorides																			
	Average of Iron																			
	Average of Temp pH																			
	Average of Sulfide																			
	Fluid Density (lb/gal)																			
	Frac																			
	Pumpdown																			
	HCl 15%																			
	HCl 7.5%																			
	Difference																			
	Frac																			
	PD																			
	HCl																			

09/26/2025

RECEIVED
Office Of Oil and Gas
JUL 31 2025
WV Department of
Environmental Protection

Refresh		Wellbore Name		Operator	Division	Pad	Fracturing String :																													
							Stage :	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39									
							Dates :	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025	4/29/2025									
							Top Perf (ft) :	28,510	28,302	28,094	27,885	27,677	27,468	27,260	27,052	26,843	26,635	26,427	26,218	26,010	25,801	25,593	25,385	25,176	24,968	24,759	24,551									
							8in Perf (ft) :	28,686	28,478	28,269	28,061	27,852	27,644	27,435	27,227	27,019	26,811	26,602	26,394	26,185	25,977	25,769	25,560	25,352	25,143	24,935	24,727									
							Number of Perf Holes :	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36									
							Perf Hole ID (in) :	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41										
							TVD (ft) :	5,900	5,900	5,901	5,901	5,902	5,902	5,903	5,904	5,906	5,907	5,909	5,911	5,912	5,914	5,915	5,915	5,916	5,918	5,921	5,923									
							Capacity to Top Perf (bbl) :	633	628	624	619	614	610	605	600	596	591	587	582	577	573	568	563	559	554	550	545									
							Capacity to Bottom Perf (bbl) :	637	632	627	623	618	614	609	604	600	595	590	585	581	577	572	567	563	558	553	549									
							Survey (inclination) :	28.598	28.390	28.182	27.973	27.765	27.556	27.348	27.140	26.931	26.723	26.515	26.306	26.098	25.889	25.681	25.473	25.264	25.056	24.847	24.639									
							Mid-Perf (MD) :	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41										
							Pump Down Start Time :	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41										
							Pump Down Stop Time :	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41										
							Pumpdown Total Time :	0.65	0.60	0.62	0.62	0.58	0.63	0.57	0.68	0.65	0.67	0.63	0.57	0.58	0.53	0.58	0.60	0.58	0.53	0.35	0.35									
							Stage Start Time :	4/29/25 1:40	4/29/25 1:40	4/29/25 1:40	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41										
							Stage Stop Time :	4/29/25 1:40	4/29/25 1:40	4/29/25 1:40	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41	4/29/25 1:41										
							Total Stage Time (hrs) :	2.48	4.35	2.70	5.25	2.37	2.28	2.32	2.25	2.15	2.11	2.06	2.01	1.96	1.91	1.86	1.81	1.76	1.71	1.66	1.61									
							15 % HCl Acid (bbl) :	3,014	2,868	3,028	2,482	3,130	3,100	3,107	3,419	3,368	2,732	3,101	3,121	2,885	2,818	3,202	3,114	3,208	3,222	3,138	2,866									
							Number of Perf Clusters :	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6									
							Perf Spacing (ft) :	132	131	130	127	125	123	121	119	117	115	113	111	109	107	105	103	101	99	97	95									
							Pump down (bbl) :	7,899	8,659	7,831	7,893	7,911	7,722	7,679	7,790	7,603	7,687	7,776	7,716	7,716	7,605	7,520	7,520	7,459	7,459	7,398	7,337									
							Load to Recover (Total Vol Pumped) (bbl) :	8,031	8,790	7,961	8,020	8,036	7,853	7,806	7,920	7,730	7,810	7,995	7,899	7,839	7,907	7,729	7,639	7,675	7,756	7,762	7,703									
							Slurry Volume (bbl) :	8,439	9,187	8,368	8,430	8,448	8,253	8,204	8,328	8,126	8,210	8,408	8,307	8,238	8,321	8,127	8,034	8,076	8,160	8,165	8,102									
							100 Mesh (lbs) :	153,060	152,980	147,490	151,010	152,570	152,340	153,620	152,810	150,460	150,810	150,300	150,300	156,610	155,400	152,800	155,030	155,680	157,230	152,560	155,590									
							20/40, 30/70, & 40/70 (lbs) :	219,880	220,300	219,260	217,380	218,800	218,430	215,340	222,050	216,900	215,900	215,300	220,100	216,560	219,280	215,800	213,220	215,880	221,100	218,380	218,780									
							Total Prop from Skin Int Prop Table (lbs) :	372,740	373,280	366,750	368,390	371,370	370,760	368,960	374,870	367,260	367,710	375,600	370,400	373,170	374,680	368,250	368,250	371,560	376,330	371,230	374,710									
							Total Prop from Skin Stage Table (lbs) :	372,740	373,280	366,750	368,390	371,370	370,760	368,960	374,870	367,260	367,710	375,600	370,400	373,170	374,680	368,250	368,250	371,560	376,330	371,230	374,710									
							Avg Rate (bbl/min) :	91	89	88	92	93	91	92	93	93	91	93	94	94	94	94	94	94	95	94	91									
							Avg Pressure (psi) :	10,798	9,706	9,914	10,272	10,180	10,286	9,844	9,812	9,786	9,830	10,115	9,939	10,205	9,902	10,075	10,141	9,970	9,954	9,759	9,934									
							Max Rate (bpm) :	98	97	99	100	100	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100									
							Max Pressure (psi) :	10,488	10,425	10,339	10,505	10,591	10,560	10,307	10,266	10,329	10,556	10,562	10,492	10,601	10,192	10,545	10,510	10,431	10,551	10,219	9,794									
							Break Pressure (psi) :	6,215	5,706	5,811	6,190	6,349	6,072	5,796	4,398	4,602	5,643	5,962	5,269	5,879	5,349	5,873	5,741	6,162	5,950	5,550										
							ISF (psi/ft) :	4,099	4,072	4,210	4,236	4,267	4,358	4,269	4,255	4,055	4,258	4,235	4,159	4,293	4,096	4,155	4,230	4,097	4,025	4,098	4,265									
							FG (psi/ft) :	1.12	1.12	1.14	1.17	1.15	1.16	1.15	1.15	1.11	1.15	1.11	1.13	1.15	1.12	1.13	1.12	1.11	1.12	1.15										
							Biocide (gal) :	29	32	29	29	29	28	28	29	28	28	29	29	29	29	28	28	28	28	28	28									
							Corrosion Inhibitor (lb) :	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2									
							Friction Reducer (gal) :	8,103	5,089	5,202	5,566	5,766	6,011	8,089	6,956	6,365	5,042	7,456	6,124	6,872	7,341	6,560	5,414	7,861	6,711	6,740	6,624									
							HCl 15% (gal) :	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	700	700									
							Scale Inhibitor (gal) :	29	32	29	29	29	28	28	29	28	28	29	29	29	29	28	28	28	28	28	28									
							Breaker																													
							Average Density (SG)																													
							Average of pH																													
							Average of Conductivity																													
							Average of Calcium																													
							Average of Magnesium																													
							Average of Chlorides																													
							Average of Iron																													
							Average of Temp pH																													
							Average of Sulfide																													
							Fluid Density (lb/gal)																													
							</																													

Refresh	Wellbore Name		Operator	Division	Pad	Fracturing String :																							
	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79									
Stage :																						Date :							
Pump Down Start Time :																						5/5/2025							
Pumpdown Total Time :																						5/5/2025							
Stage Start Time :																						5/5/2025							
Stage Stop Time :																						5/5/2025							
Total Stage Time (hrs) :																						3.116							
15 % HCl Acid (bbls) :																						6							
Number of Perf Clusters :																						35							
Perf Spacing (ft) :																						91							
Pump down (bbls) :																						7,382							
Fracture Water (bbls) :																						7,473							
Load to Recover (Total Vol Pumped) (bbls) :																						7,866							
Slurry Volume (bbls) :																						151,560							
100 Mesh (lbs) :																						218,440							
20/40, 30/70, & 40/70 (lbs) :																						370,000							
Total Prop from Stem Int Prop Table (lbs) :																						370,000							
Total Prop from Slurry Table (lbs) :																						370,000							
Avg Rate (bbls/min) :																						85							
Avg Pressure (psi) :																						7,773							
Max Rate (bbls/min) :																						95							
Max Pressure (psi) :																						8,589							
Break Pressure (psi) :																						5,277							
ISIP (psi) :																						4,125							
FC (psi/ft) :																						1.12							
Blockade (gal) :																						28							
Corrosion Inhibitor (lbs) :																						1							
Friction Reducer (gal) :																						6,468							
HCl 15% (gal) :																						700							
Scale Inhibitor (gal) :																						28							
Braker :																													
Average Density (SG) :																													
Average of pH :																													
Average of Conductivity :																													
Average of Calcium :																													
Average of Magnesium :																													
Average of Chlorides :																													
Average of Iron :																													
Average of Temp (°F) :																													
Average of Solids :																													
Fluid Density (lb/gal) :																													
Frac																													
Pumpdown																													
HCl 15%																													
HCl 7.5%																													
Difference																													
Frac																													
PO																													
HCl																													

Refresh	Wellbore Name											
	Operator	Division	Pad									
Frac String :												
				Stage	122	123	124	125	Total/Avg			
				Date	5/14/2025	5/14/2025	5/14/2025	5/14/2025				
				Top Perf (ft)	7,255	7,047	6,838	6,630	6,630			
				Bot Perf (ft)	7,431	7,222	7,014	6,805	6,852			
				Number of Perf Holes	36	36	36	36	36			
				Perf Hole ID (in)	0.41	0.41	0.41	0.41	0.41			
				TVD (ft)	6,071	6,075	6,077	6,067	5,970			
				Capacity to Top Perf (bbl)	161	156	152	147				
				Capacity to Bottom Perf (bbl)	165	160	156	151				
				Survey (Inclination)								
				Mid-Perf (MD)	7,343	7,135	6,926	6,718				
				Pump Down Start Time	5/14/25 5:14	5/14/25 12:05	5/14/25 13:56	5/14/25 15:56	4/24/25 3:46			
				Pump Down Stop Time	5/14/25 5:32	5/14/25 12:11	5/14/25 14:02	5/14/25 16:03	5/14/25 3:60			
				Pumpdown Total Time	0.13	0.10	0.10	0.12	0.45			
				Stage Start Time	5/14/25 5:32	5/14/25 12:11	5/14/25 14:02	5/14/25 16:03	5/14/24 3:46			
				Stage Stop Time	5/14/25 11:59	5/14/25 13:50	5/14/25 15:50	5/14/25 17:26	5/14/25 3:26			
				Total Stage Time (hrs)	2.62	1.65	1.80	6.38	69.41			
				IWHP (psi)	3,161	3,449	3,600	3,556	2,993			
				15 % HCl Add (bbl)	6	6	6	6	747			
				Number of Perf Clusters	35	35	35	35	35			
				Perf Spacing (ft)	28	26	28	26	11,248			
				Pump down (bbl)	6,972	7,016	7,040	7,702	931,311			
				Frac Water (bbl)	7,000	7,042	7,068	7,728	942,559			
				Load to Recover (Total Vol Pumped) (bbl)	7,409	7,452	7,483	8,144	999,897			
				Slurry Volume (bbl)	154,100	155,100	153,930	152,410	19,044,868			
				100 Mesh (lb)	222,430	220,820	224,600	220,100	27,079,050			
				20/40, 30/70, & 40/70 (lb)	376,520	375,920	378,330	372,510	46,123,918			
				Total Prop from Stim Int Prop Table (lb)	376,520	375,920	378,330	372,510	46,123,918			
				Total Prop from StimStage Table (lb)	99	100	100	100	94			
				Avg Rate (bbl/min)	6,702	6,692	6,714	6,619	8,645			
				Avg Pressure (psi)	100	100	100	100	100			
				Max Rate (bpm)	7,354	8,065	8,446	7,541	10,755			
				Max Pressure (psi)	5,220	5,377	5,592	5,803	5,505			
				Break Pressure (psi)	4,412	4,271	4,570	4,582	4,360			
				ISF (psi)	1.17	1.15	1.20	1.20	1.16			
				FG (psi/ft)	41	41	41	43	4,257			
				Biocide (gal)	1	1	1	1	206			
				Corrosion Inhibitor (lb)	7,194	7,237	7,265	7,933	788,161			
				Fricdon Reducer (gal)	700	700	700	700	103,200			
				HCL 15% (gal)	28	28	28	30	3,460			
				Scale Inhibitor (gal)					0			
				Breaker								
				Average Density (SG)								
				Average of pH								
				Average of Conductivity								
				Average of Calcium								
				Average of Magnesium								
				Average of Chlorides								
				Average of Iron								
				Average of Temp pH								
				Average of Solids								
				Fluid Density (lb/gal)								



Well Name: Shannon Fields OHI 5H 47069003760000

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)
Base of Fresh Water	0	0	356	356
Top of Salt Water	606	606	NA	NA
Pittsburgh Coal	487	487	493	493
Pottsville (ss)	679	679	737	737
Raven Cliff (ss)	953	953	1396	1393
Maxton (ss)	1412	1401	1502	1497
Big Injun (ss)	1541	1535	1845	1825
Berea (siltstone)	2149	2106	2182	2136
Rhinestreet (shale)	5823	5512	6105	5762
Cashagua (shale)	6105	5762	6168	5813
Middlesex (shale)	6168	5813	6265	5884
Burket (shale)	6265	5884	6291	5901
Tully (ls)	6291	5901	6375	5953
Mahantango (shale)	6375	5953	6569	6039
Marcellus (shale)	6569	6039	NA	NA

09/26/2025

RECEIVED
Office Of Oil and Gas
JUL 31 2025
WV Department of
Environmental Protection

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	04/26/2025
Job End Date:	05/14/2025
State:	West Virginia
County:	Ohio
API Number:	47-069-00376-00-00
Operator Name:	Expand Operating LLC
Well Name and Number:	SHANNON FIELDS OHI 5H
Latitude:	40.088317
Longitude:	-80.658092
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6076.7
Total Base Water Volume (gal)*:	39484278
Total Base Non Water Volume:	136244.4



Water Source	Percent
Surface Water, < 1000TDS	80.38%
Produced Water	19.62%

RECEIVED
Office Of Oil and Gas
JUL 31 2025
WV Department of
Environmental Protection

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
655 NM	Expand Completion Services	Scale Inhibitor					
Base Water	Operator	Base Fluid					
FERRIPLEX 80	Expand Completion Services	Iron Control Agent					
FSTI-CI-02	Expand Completion Services	Corrosion Inhibitor					
Hydrochloric Acid	Expand Completion Services	Solvent					
Plexslick CX 810	Expand Completion Services	Friction Reducer					
Sand	Expand Completion Services	Proppant					

09/26/2025

Tolcide 4 Frac 50	Expand Completion Services	Biocide					
Items above are Trade Names. Items below are the individual ingredients.							
			Water	7732-18-5	100.00000	87.61289	
			Crystalline Silica, Quartz	14808-60-7	100.00000	12.24007	
			HYDROCHLORIC ACID	7647-01-0	37.00000	0.09048	
			Copolymer of 2-propenamide	Proprietary	60.00000	0.02398	
			Isoalkanes	64742-47-8	30.00000	0.01798	
			Phosphonium, tetrakis(hydroxymethyl)-, sulfate (2:1)	55566-30-8	50.00000	0.00603	
			Ethoxylated Tridecanol	Proprietary	2.50000	0.00300	
			Surfactant	Proprietary	3.00000	0.00180	
			Sodium erythorbate	6381-77-7	98.00000	0.00128	
			Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides	68424-85-1	10.00000	0.00121	
			Ethanol	64-17-5	1.50000	0.00060	
			Ethylene glycol	107-21-1	40.00000	0.00015	
			Cinnamaldehyde	104-55-2	19.00000	0.00007	
			1-Octanol	111-87-5	19.00000	0.00007	
			1-Decanol	112-30-1	19.00000	0.00007	
			N,N-Dimethylformamide	68-12-2	19.00000	0.00007	
			Triethyl phosphate	78-40-0	19.00000	0.00007	
			Poly(oxy-1,2-ethanediyl), .alpha.- (nonylphenyl)-.omega.- hydroxy-	9016-45-9	19.00000	0.00007	
			2-Butoxyethanol	111-76-2	10.00000	0.00004	
			Isopropyl alcohol	67-63-0	10.00000	0.00004	
			Tar bases, quinoline derivatives, benzyl chloride- quaternized	72480-70-7	10.00000	0.00004	

* 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%

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)

09/26/2025



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

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,437,623.662
EASTING: 529,164.539

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,437,523.983
EASTING: 528,578.743

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,878.556
EASTING: 525,813.827

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,437,534.450
EASTING: 529,164.521

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,437,534.450
EASTING: 528,580.090

UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,444,880.525
EASTING: 525,819.502

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

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. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 100 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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.

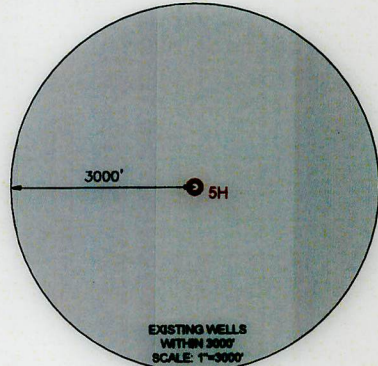
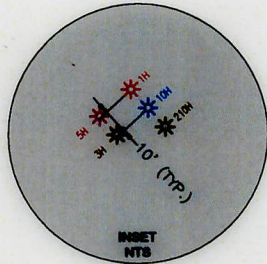
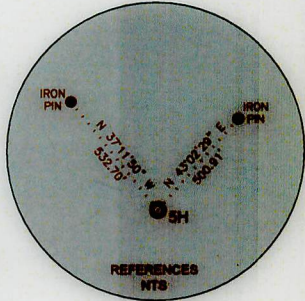
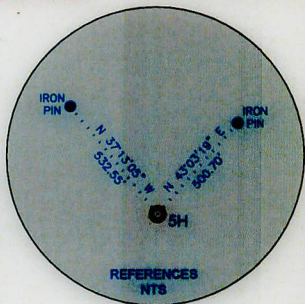
P.S. 983

LATITUDE: 40°07'30" | SURFACE HOLE 9,201'
LATITUDE: 40°10'00" | BOTTOM HOLE 8,432'

L1	N 75°39'54" W	731.48'	SHL TO MONUMENT	STONE
L2	N 28°18'03" E	974.63'	SHL TO MONUMENT	CONCRETE MONUMENT
L1	N 75°38'44" W	731.48'	SHL TO MONUMENT	STONE
L2	N 28°17'50" E	974.87'	SHL TO MONUMENT	CONCRETE MONUMENT

L3	S 80°20'35" W	1,949.53'	2,362.87'	SHL TO LPL
L4	N 25°36'35" W	7,298.17'	7,298.17'	LPL TO AZL1
L5	N 23°50'01" W	177.46'	177.48'	AZL1 TO AZL2
L6	N 22°03'29" W	5,156.45'	5,156.45'	AZL2 TO AZL3
L7	N 20°09'27" W	189.99'	190.02'	AZL3 TO AZL4
L8	N 18°15'21" W	6,448.21'	6,448.21'	AZL4 TO AZL5
L9	N 17°11'04" W	107.23'	107.23'	AZL5 TO AZL6
L10	N 16°06'37" W	6,455.68'	6,455.68'	AZL6 TO BHL

L3	S 81°19'41" W	1,939.59'	2,409.71'	SHL TO LPL
L4	N 25°40'22" W	7,236.77'	7,236.77'	LPL TO AZL1
L5	N 23°12'35" W	274.85'	274.88'	AZL1 TO AZL2
L6	N 22°00'42" W	5,127.82'	5,127.82'	AZL2 TO AZL3
L7	N 20°21'30" W	183.91'	183.92'	AZL3 TO AZL4
L8	N 18°15'57" W	6,409.43'	6,409.43'	AZL4 TO AZL5
L9	N 17°31'11" W	182.90'	182.91'	AZL5 TO AZL6
L10	N 16°01'46" W	6,387.25'	6,387.25'	AZL6 TO BHL



2000' 0 2000'
GRAPHIC SCALE IN FEET

COMPANY:

expand



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

SHANNON FIELDS OHI
OPERATOR'S WELL #: 5H
API WELL #: 47 69 00376
STATE COUNTY PERMIT

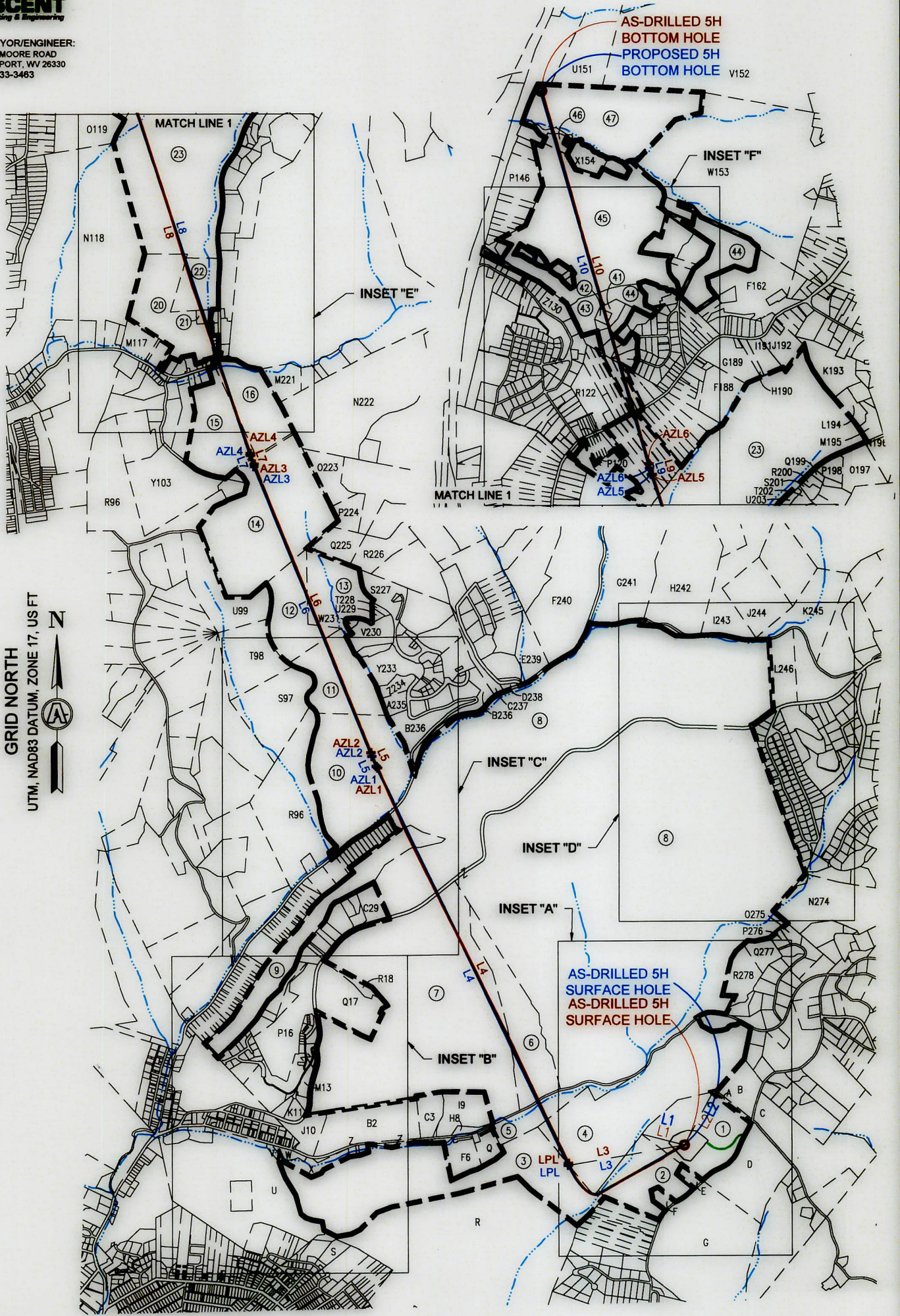
WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☒ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☐
WATERSHED: UPPER OHIO SOUTH ELEVATION: 1235.90
DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: WHEELING 7.5', WV
SURFACE OWNER: SWN PRODUCTION COMPANY, LLC ACREAGE: ±35.07
OIL & GAS ROYALTY OWNER: SHANNON FIELDS, LLC ACREAGE: ±35.07
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: 6,077' TVD, 32,648' TMD

WELL OPERATOR: EXPAND OPERATING, 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

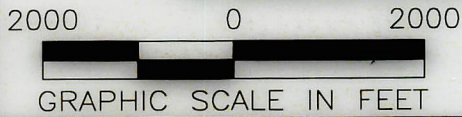
LEGEND:
○ PROPOSED SURFACE HOLE / BOTTOM HOLE
* EXISTING / PRODUCING WELLHEAD
LPL* LANDING POINT LOCATION
W EXISTING WATER WELL
S EXISTING SPRING
— SURVEYED BOUNDARY
— DRILLING UNIT
— LEASE BOUNDARY
— PROPOSED PATH
REVISIONS:
DATE: 03-31-2025
DRAWN BY: TMF
SCALE: 1" = 2000'
DRAWING NO: ACE-2326
WELL LOCATION PLAT 1



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



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



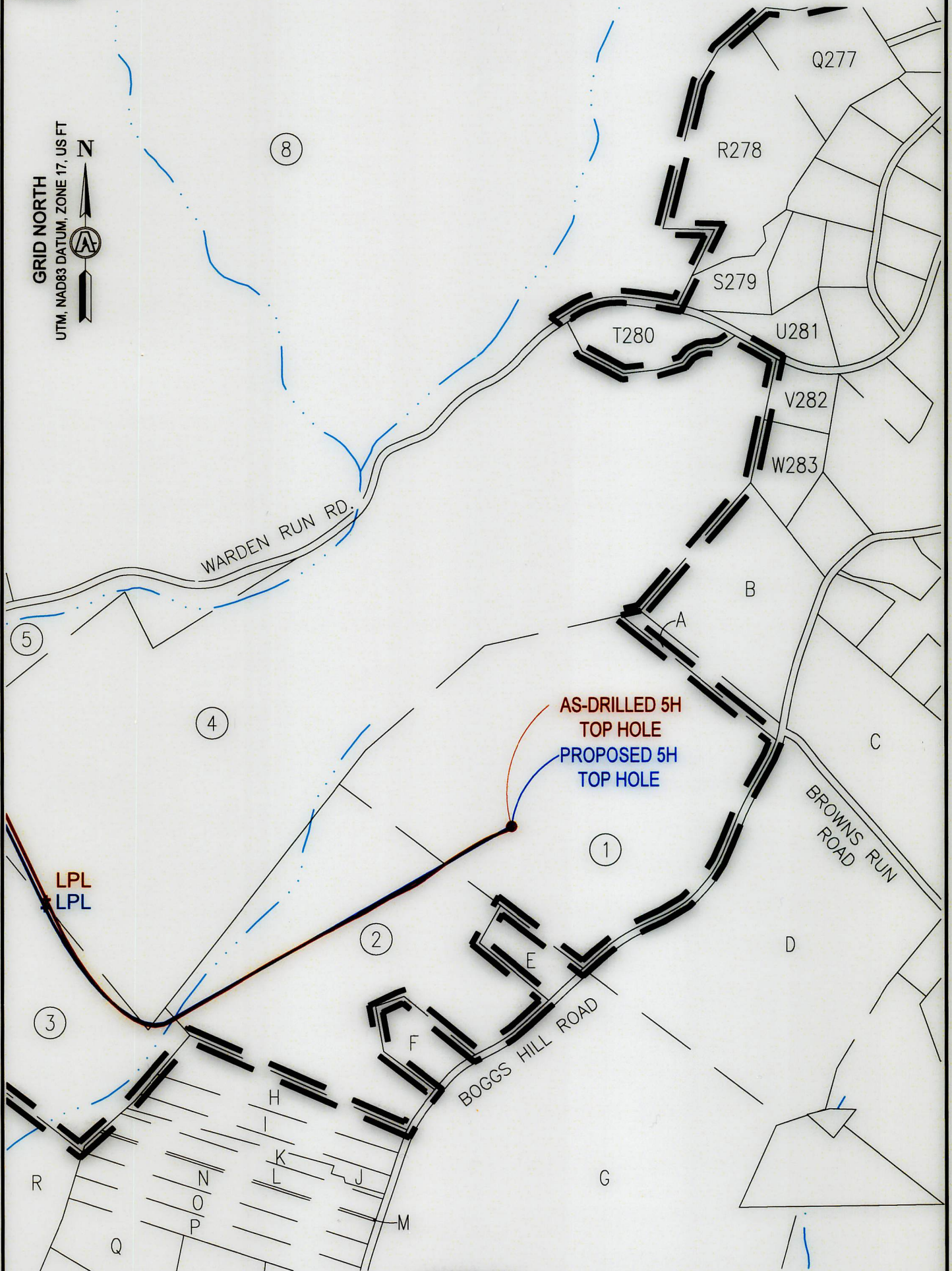
09/26/2025

REVISIONS:		COMPANY:			
		OPERATOR'S		SHANNON FIELDS OHI	
		WELL #:		5H	
		DISTRICT:		COUNTY:	
		RICHLAND		OHIO	
				STATE:	
				WV	
				DATE: 03-31-2025	
				DRAWN BY: TMF	
				SCALE: N/A	
				DRAWING NO: ACE-2326	
				WELL LOCATION PLAT	



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

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



INSET "A"
SCALE: 1"=500'

09/26/2025

REVISIONS:

COMPANY:

expand

OPERATOR'S

SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #:

5H

DRAWN BY: TMF

DISTRICT:
RICHLAND

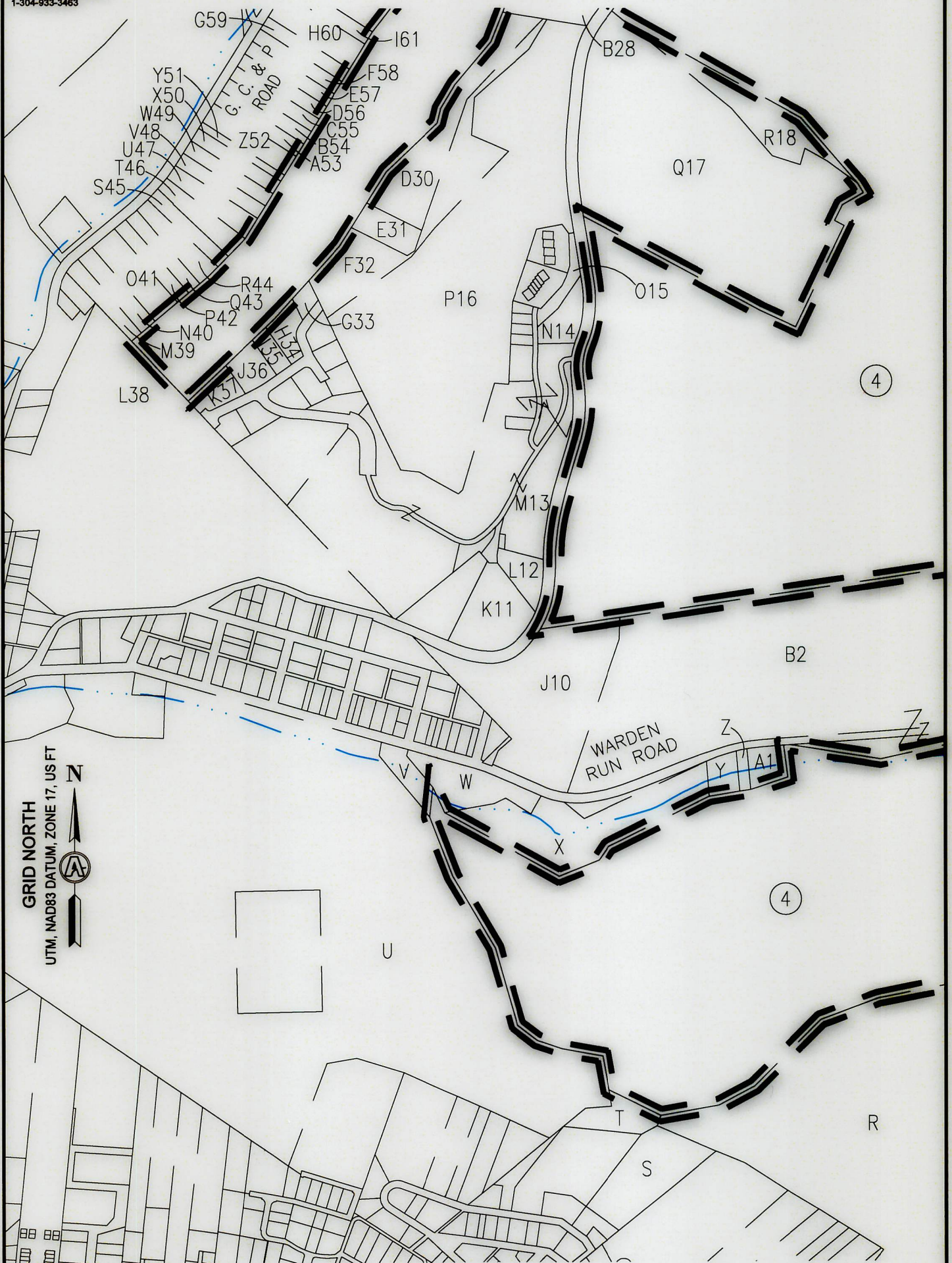
COUNTY:
OHIO

STATE:
WV

SCALE: N/A
DRAWING NO: ACE-2326
WELL LOCATION PLAT



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



INSET "B"
SCALE: 1"=500'

09/26/2025

REVISIONS:

COMPANY:

expand

OPERATOR'S

SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #:

5H

DRAWN BY: TMF

DISTRICT:
RICHLAND

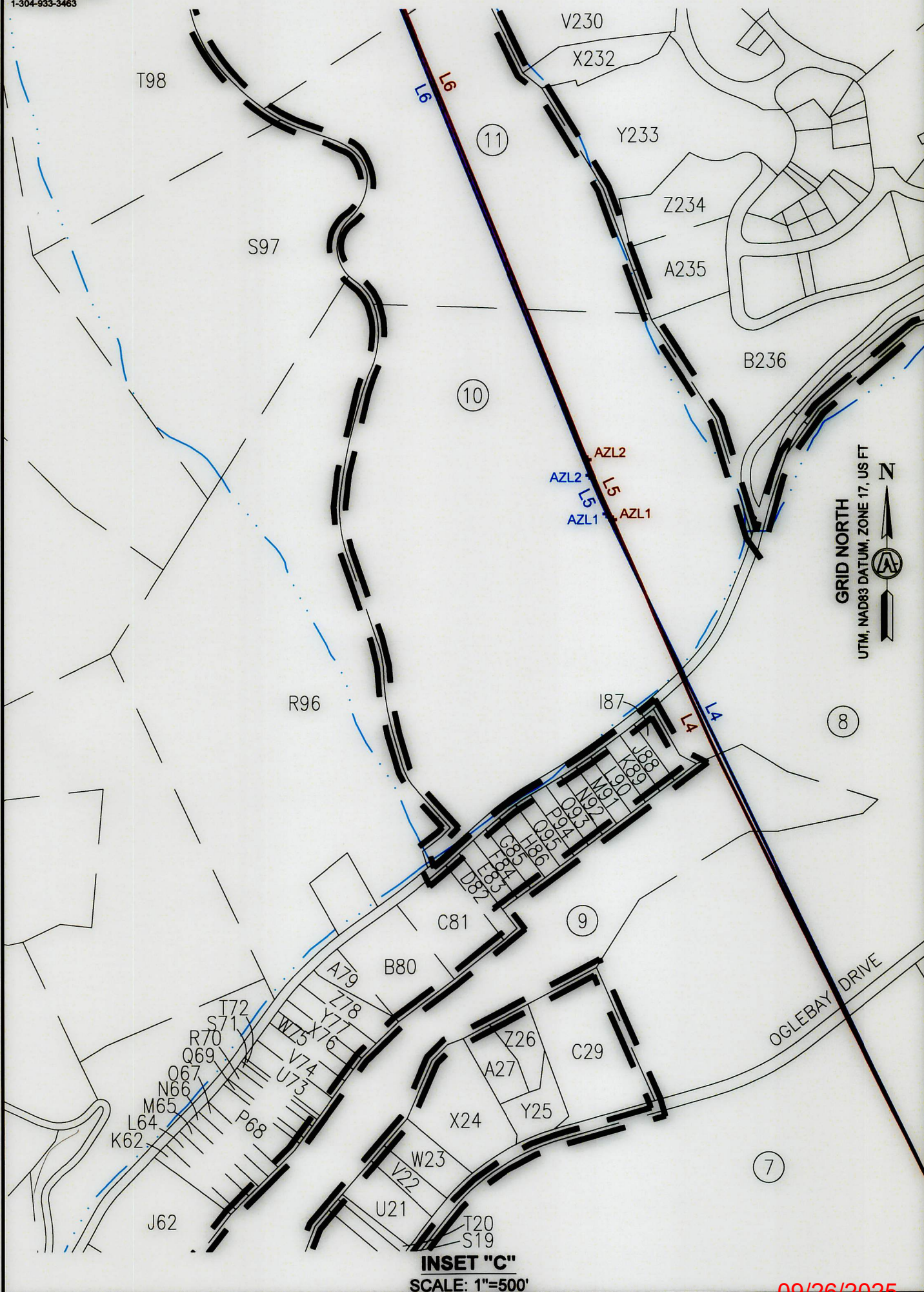
COUNTY:
OHIO

STATE:
WV

SCALE: N/A
DRAWING NO: ACE-2326
WELL LOCATION PLAT



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



INSET "C"
SCALE: 1"=500'

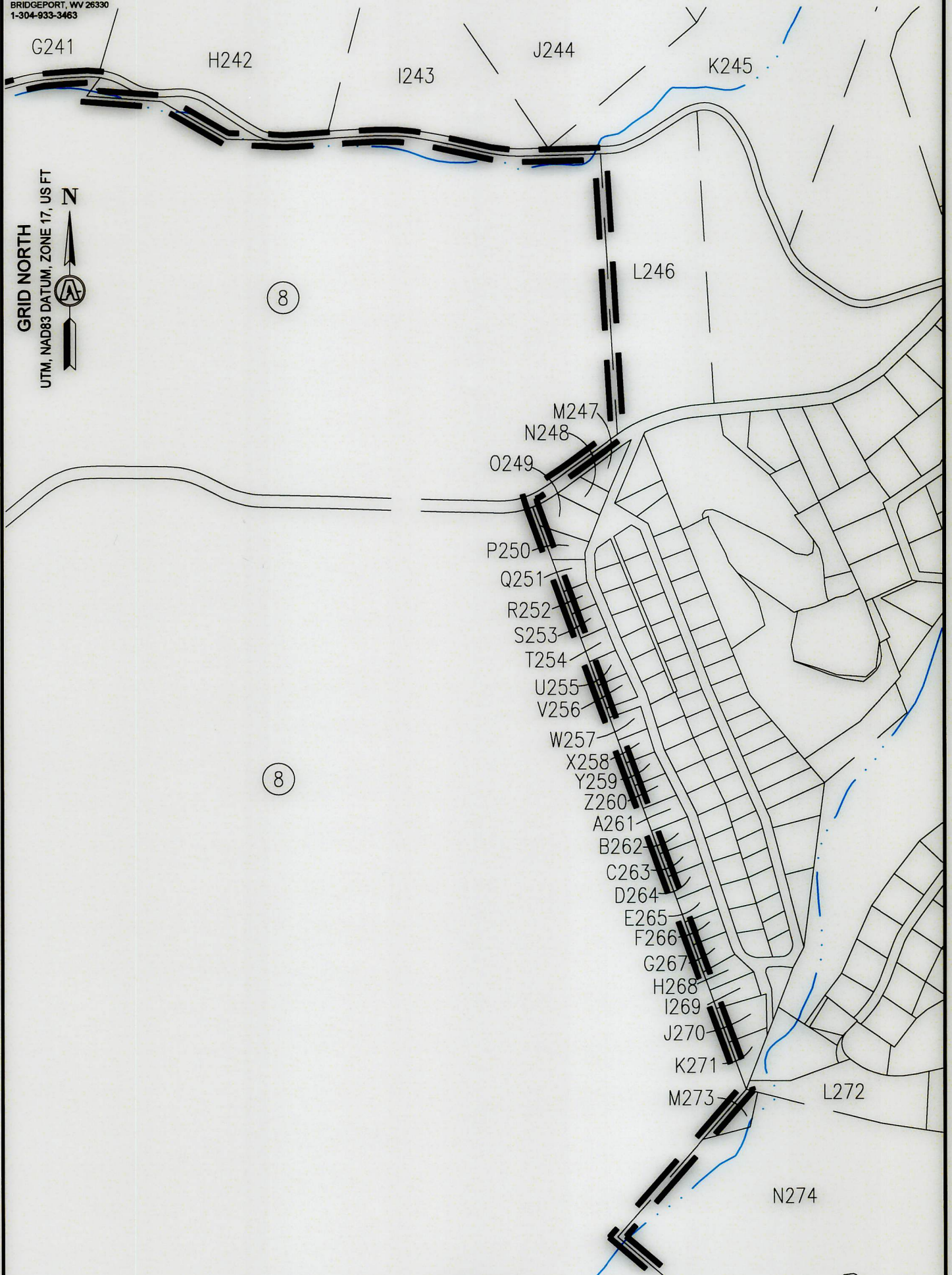
09/26/2025

REVISIONS:		COMPANY:		expand	
		OPERATOR'S		SHANNON FIELDS OHI	
		WELL #:		5H	
		DISTRICT:		COUNTY:	STATE:
		RICHLAND		OHIO	WV
				DATE: 03-31-2025	
				DRAWN BY: TMF	
				SCALE: N/A	
				DRAWING NO: ACE-2326	
				WELL LOCATION PLAT	



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

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



INSET "D"
SCALE: 1"=500'

09/26/2025

REVISIONS:

COMPANY:

expand

OPERATOR'S

SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #:

5H

DRAWN BY: TMF

DISTRICT:
RICHLAND

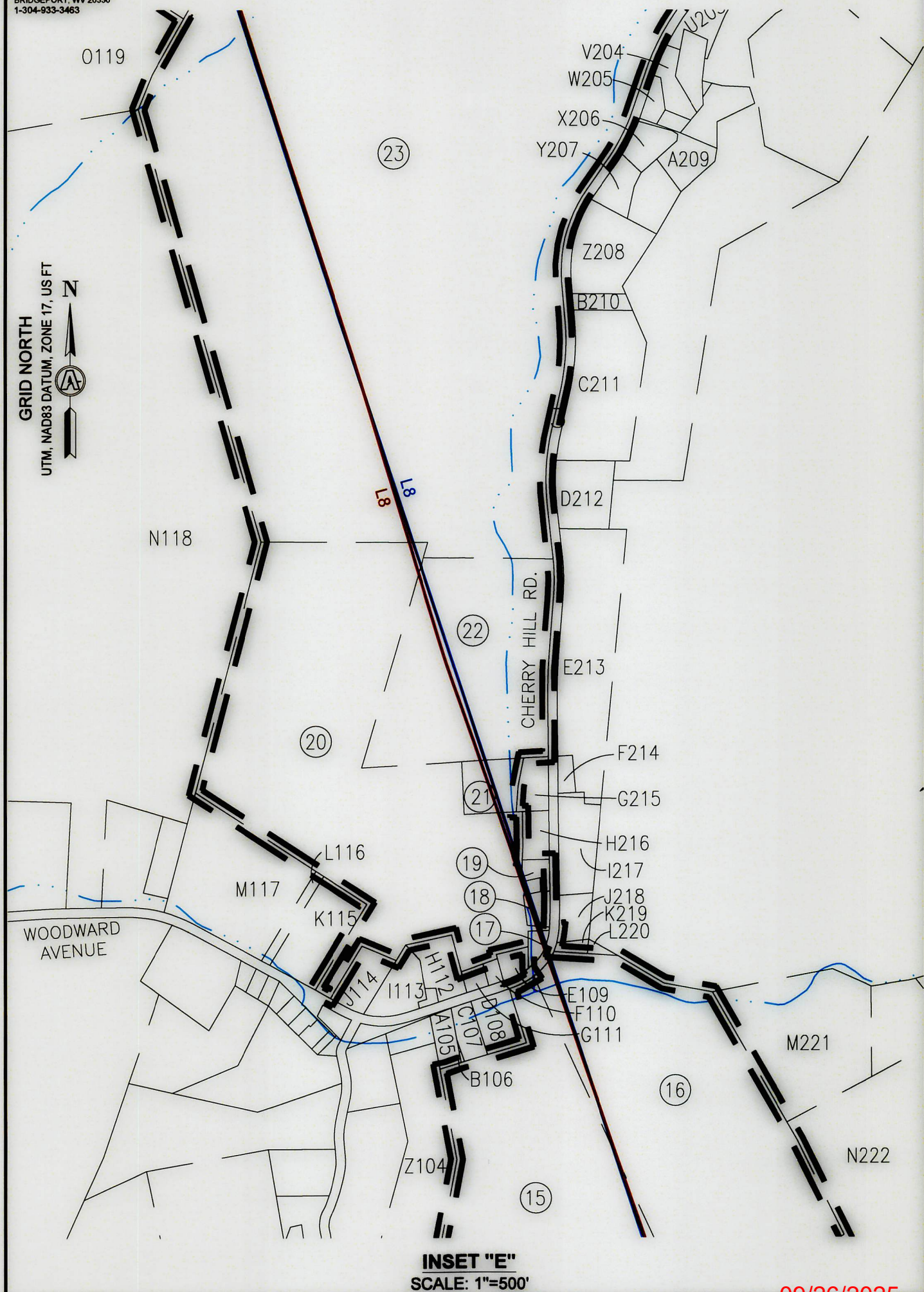
COUNTY:
OHIO

STATE:
WV

SCALE: N/A
DRAWING NO: ACE-2326
WELL LOCATION PLAT



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



INSET "E"
SCALE: 1"=500'

09/26/2025

REVISIONS: 	COMPANY: 			03/31/2025
	OPERATOR'S SHANNON FIELDS OHI			DATE: 03-31-2025
	WELL #: 5H			DRAWN BY: TMF
	DISTRICT: RICHLAND	COUNTY: OHIO	STATE: WV	SCALE: N/A
				DRAWING NO: ACE-2326
				WELL LOCATION PLAT



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

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



INSET "F"
SCALE: 1"=500'

09/26/2025

REVISIONS:			COMPANY:					
						DATE: 03-31-2025		
			OPERATOR'S			DRAWN BY: TMF		
			WELL #:			SCALE: N/A		
			DISTRICT:			DRAWING NO: ACE-2326		
			COUNTY:			WELL LOCATION PLAT		
			STATE:					



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

TRACT	OWNER	TAX PARCEL
1	SWN PRODUCTION COMPANY LLC	4-R17-23.2
TRACT	OWNER	TAX PARCEL
2	BENEKE NADA E ET AL	4-R17-19
3	WHEELING PARK COMMISSION	4-R17-6.1
4	PARK VIEW MEMORIAL GARDENS INC	4-R17-8
5	GACS LP	10-W27A-1
6	WHEELING PARK COMMISSION	4-R14-14.1
7	ELM HILL HOLDINGS LLC	4-R14-14
8	CITY OF WHEELING	4-R14-15
9	WHEELING PARK COMMISSION	10-W17A-1
10	POLACK EDWARD P	4-R14-95
11	HUPP SARA	4-R13-1.14
12	GRIMES THOMAS B TRUSTEE THE ARCHIE TODD HUPP IV	4-R13-1.15
13	SANTORINE LORA KAY & SANTORINE ADOLPH W JR	4-R14A-24
14	MULL ELLEN CLARICE ET AL	4-R10-44.1
15	NORTH FORK LANDFILL INC	4-R10-43.1
16	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-41
17	NORTH FORK LANDFILL INC	4-R10-38
18	ROBINSON RICHARD J	4-R10-37
19	NORTH FORK LANDFILL INC	4-R10-34.1
20	SARKIS SJ; ROHRIG RF; ROHRIG JR; ROHRIG RF TTEE	4-R10-19
21	MCGARRY CORENA ESTATE	4-R10-33
22	BREIDING JOSHUA D & SARAH N	4-R10-20
23	WARWOOD LAND CO LLC	4-R7-31
24	CLEARVIEW VOL FIRE DEPT INC	2-CV6-34.1
25	CRAIG TRENDENICK	2-CV6-28
26	BOPP VICTOR V III & DIANN	2-CV6-28.3
27	JOSEPH BRADLEY R & JANETTE L	2-CV6-27.1
28	JOSEPH BRADLEY R & JANETTE L	2-CV6-27
29	JOSEPH BRADLEY R & JANETTE L	2-CV6-27.2
30	LAING MARGARET T	2-CV6-26
31	KIRKSEY MARK R & WEATHERSON NANCY (RES'V L/E)	2-CV6-25
32	BLUM RONALD & ROBIN S	2-CV6-8
33	ANDERSON COREY M & ANDERSON MARLENA J	2-CV6-9
34	ROBRECHT THOMAS A	2-CV7A-22
35	ROBRECHT THOMAS A	2-CV7A-23
36	SCHOOLCRAFT JOHN & CHRISTINA	2-CV7A-1
37	ALTMAN RICHARD T	4-R7-12.3
38	ROWND DENISE A & D T	4-R7-12.4
39	SAYRE MICHELLE L & THORNGATE ERIC W	4-R7-12.7
40	BIEGA FRANK P & C S	4-R7-12.6
41	BIEGA CONNIE SUE & FRANK PAUL	4-R7-12.9
42	BIEGA CONNIE SUE & FRANK PAUL	4-R7-12.2
43	BIEGA CONNIE SUE & FRANK PAUL	4-R7-12.10
44	ROWND DENISE & THOMPSON DANIEL, III	4-R7-12
45	CITY OF WHEELING	4-R7-18
46	DEAN LOMAN L & R Z	4-R7-21
47	EDGE BRUCE W	4-R7-23

REVISIONS:

COMPANY:



09/26/2025

OPERATOR'S

SHANNON FIELDS OHI

WELL #:

5H

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

DATE: 03-31-2025

DRAWN BY: TMF

SCALE: N/A

DRAWING NO: ACE-2326

WELL LOCATION PLAT



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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	HUFFNER EARL P	4-R17-24.1
B	MULL JAMES R	4-R17-24
C	MINCH HERBERT PAUL (1/2 INT) & MINCH BRENDA SUE (1/2 INT)	4-R17-57
D	LEWIS RUTH CARTER (DECD) IRREVOCABLE TRUST	4-R17-23
E	BENEKE NADA E	4-R17-22
F	JOHN THOMAS & MICHELLE	4-R17-20
G	CARTER RICHARD P	4-R17-23.3
H	OLEARY CRAIG V & EMMA L	4-R17-17
I	SCHREIBER JEREMY A & PHILBRICK ELIZABETH	4-R17-16
J	HEMPELMAN MARGARET E ESTATE	4-R17-14
K	COLUMBIA GAS TRANSMISSION CORP	4-R17-15
L	HEMPELMANN GUNTHER F JR	4-R17-13
M	BURKLAND CARL D III & JOLIN H	4-R17-13.1
N	BURKLAND CARL D III & JOLIN H	4-R17-12
O	FISHER HARRY S & BARBARA J	4-R17-11
P	FISHER HARRY S & BARBARA J	4-R17-11.1
Q	LENKEY ATTILA A	4-R17-10.1
R	WHEELING PARK COMMISSION	6-T1-2
S		35-NO-0IDO-0ID-
T	PHILLIPSON SANDIN E	6-T1-1
U	GC&P DEVELOPMENT LLC	10-W26-90
V	LOHR LINDA J	10-W26-89
W	GACS L P	10-W26-90.1
X	LLL LLC	4-R17-6
Y	SEABRIGHT JACK & DANIELLE	4-R17-6.4
Z	SEABRIGHT JACK & DANIELLE	4-R17-6.2
A1	SEABRIGHT JACK A & DANIELLE L	4-R17-6.3
B2	VINEYARD CHRISTIAN FELLOWSHIP & WHEELING TRUSTEES	10-W27-1
C3	FIRST CLASS REALTY LLC	10-W27-1.1
D4	FIRST CLASS REALTY LLC	10-W27-2.1
E5	FIRST CLASS REALTY LLC	10-W27-2.2
F6	FOREST BROOK CONDOS	10-W27-3
G7	CHERRY BROOK CONDOS	10-W27A-6
H8	FIGARETTI C; NICODEMUS R; & KENNEN R; TRUSTEES	10-W27-5
I9	KEY ANIMAL HOSPITAL INC	10-W27-2
J10	GILSON THOMAS A & STEPHANIE S	10-W26-50
K11	MCCARTHY T CARROLL JR	4-R16-1.5
L12	HEISELE BARBARA ELLEN	4-R16-1.4
M13	WEST RENTALS INC	4-R16-1
N14	SUNRISE VALLEY REALITY LLC	4-R16-1.24
O15	LINDSAY MARK E & JULIE K	4-R16-1.26
P16	ELM HILL HOLDINGS LLC	4-R14-14
Q17	NUTTING ROBERT M	4-R14-7
R18	ELM HILL LLC	4-R14-14.2
S19	TOWNSEND TAMMY J	4-R14-9.3
T20	MOREHOUSE SHAWN R	4-R14-9.2
U21	WEST RENTALS INC	4-R14-9
V22	ATKINSON RYAN J & ANN SHANLEY ATKINSON	4-R14-9.1
W23	CHURILLA PAULINE	4-R14-10
X24	WALTER DEBORAH & GERALD	4-R14-11
Y25	GREER PETER S	4-R14-12
Z26	GREER PETER S	4-R14-11.2
A27	WALTER DEBORAH & GERALD	4-R14-11.1
B28	WRIGHT DEBORAH D & JOHN E IV	4-R14-8
C29	SCHULTZ JEFFREY S	4-R14-13
D30	MICHALSKI JOHN & SUSAN	4-R16-1.23
E31	ROBERTS MARY L - TOD	4-R16-1.1
F32	JOHN M STASKY TRUST UNDER AGREEMENT	4-R16-1.28

REVISIONS:

COMPANY:



09/26/2025

OPERATOR'S

SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #:

5H

DRAWN BY: TMF

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

SCALE: N/A

DRAWING NO: ACE-2326

WELL LOCATION PLAT



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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
G33	MURPHY ROBERT L & LINDA D	4-R16-1.13
H34	DEEM STEVEN C & NORMA J	4-R16-1.22
I35	KALISZ WILLIAM & CATHERINE A	4-R16-1.21
J36	MENDEL MARTHA J	4-R16-1.19
K37	SPERLAZZA RYAN J & ASHLEY M	4-R16-1.18
L38	BAUER ROBB V AND KATHY	10-W21-43
M39	BURGER RAYMOND P KAREN E	4-R13R-25
N40	BECK ISABELLE M	4-R13R-24
O41	WORKMAN KAITLYN MARIE & JACK ARMSTRONG FITCH	4-R13R-22
P42	FINSLEY HENRY M	4-R13R-21
Q43	KETTLER JARED E	4-R13R-20
R44	WEISENBORN STEPHANIE L	4-R13R-19
S45	ALTMAN SHARON LOUISE C/O WESBANCO TRUST DEPT	4-R13R-18
T46	DUPLAGA MICHAEL F III	4-R13R-17
U47	GROUX FRED E JR	4-R13R-16
V48	ETHEL ROSE SMITH - TOD	4-R13R-15
W49	HUGHES JOSHUA KELLER	4-R13R-14
X50	MANNING JAMES C	4-R13R-13
Y51	MANNING JAMES C	4-R13R-12
Z52	WEISENBORN DALE A & S L	4-R13R-11
A53	BALL MATTHEW	4-R13R-10
B54	BOWMAN ROBERT E & BARBARA A	4-R13R-9
C55	MANNING LAWRENCE R & LESLIE A	4-R13R-8
D56	PARÉE ANGELO JR & KELLY J	4-R13R-7
E57	MOSCA TRUST; LOUISE E MOSCA TRUSTEE	4-R13R-6
F58	MOSCA TRUST; ROBERT J OR LOUISE E MOSCA TRUSTEES	4-R13R-5
G59	TRABERT TERRI L ET AL	4-R13R-4
H60	BACHMANN PETER	4-R13R-3
I61	SCHUNK CHRISTOPHER & JESSICA	4-R13R-1
J62	JARVIS DOWNING & EMCH INC	4-R13R-27
K63	BICKERSTAFF ROBERT DALE JR	4-R13M-14
L64	HOLT NED S & CHRISTINE L	4-R13M-13
M65	HARTMANN SHARON J	4-R13M-12
N66	HARTMANN SHARON J	4-R13M-12.1
O67	COLUMBIA GAS TRANSMISSION CORP	4-R13M-11
P68	RITNER ROBERT L & TRACI L	4-R13M-10
Q69	MULL JUSTIN & TAMMEY (LC-BYRS) OLEKSIK CASSIE & D J(LC-SLRS)	4-R13M-8.1
R70	MULL JUSTIN & TAMMEY (LC-BYRS) OLEKSIK CASSIE & D J(LC-SLRS)	4-R13M-8
S71	MULL JUSTIN & TAMMEY (LC-BYRS) OLEKSIK CASSIE & D J(LC-SLRS)	4-R13M-7
T72	FLICK-MOOS SUZANNE M & MOOS CHRISTOPHER J	4-R13M-7.1
U73	FLICK-MOOS SUZANNE M & MOOS CHRISTOPHER J	4-R13M-6
V74	VOLUSIA VENTURES	4-R13M-4
W75	ARCHER BYRON F JR & M L	4-R13M-3
X76	MICKER DEBORAH A	4-R13M-2
Y77	WEST RENTALS INC	4-R13M-1
Z78	WEST RENTALS INC	4-R13M-1.1
A79	WEST RENTALS INC	4-R13M-1.2
B80	THURSTON BONNIE BOWMAN	4-R13M-1.3
C81	THURSTON BONNIE L	4-R14J-16
D82	CLARK MARY LADONNA	4-R14J-14
E83	CLARK MARY LADONNA	4-R14J-13
F84	TODD HOWARD R JR	4-R14J-12
G85	CHIAZZA PETER P & AUDREY D	4-R14J-11
H86	SYRYLO RONALD & M	4-R14J-10
I87	PELUCHETTE JOHN M & C L	4-R14J-1
J88	PANEPINTO MARK D & MINDY D	4-R14J-2
K89	DUVAL THOMAS & ALLAMONG MARY F	4-R14J-3
L90	BOUDREAU DENISE LYNN	4-R14J-4
M91	BLAZER ROBERT J	4-R14J-5
N92	TAYLOR JOANE L	4-R14J-8
O93	RICE STEVEN A AND JUDITH A	4-R14J-7
P94	BALTZ LEE E & J L	4-R14J-6

REVISIONS:

COMPANY:



09/26/2025

OPERATOR'S SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #: 5H

DRAWN BY: TMF

DISTRICT: RICHLAND

COUNTY: OHIO

STATE: WV

SCALE: N/A

DRAWING NO: ACE-2326

WELL LOCATION PLAT



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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
Q95	ZAVOLTA RONALD W	4-R14J-9
R96	POLACK E PHILLIPS M D	4-R13-15
S97	HUPP MOLLY H 1/2 INT & SCHEINHOLTZ DAVID J 1/2 INT	4-R13-1.13
T98	HUPP SARA STEPHENS	4-R13-1.17
U99	PRATHER JOHN R	4-R13-1.11
V100	PRATHER JOHN R	4-R10-47
W101	PRATHER JOHN R	4-R10-44
X102	PRATHER JOHN R	4-R10-44.2
Y103	MYERS WILBERT E III	4-R10-2
Z104	ASSARO ANTHONY L & S L	4-R10-43.3
A105	ASSARO ANTHONY L SR & SANDRA	4-R10-43.5
B106	ASSARO ANTHONY L SR & SANDRA	4-R10-43.9
C107	ROHRIG ROBERT F & KATHLEEN S	4-R10-43.6
D108	BENNETT CLIFFORD DWANE & BENNETT SANDRA V	4-R10-43.7
E109	JAQUAY TODD F	4-R10-19.1
F110	MOFFITT SYLVIA F	4-R10-10
G111		4-R10-19.2
H112	SARKIS SJ; ROHRIG RF; ROHRIG JR; ROHRIG RF TTEE	4-R10-10.1
I113	SARKIS SJ; ROHRIG RF; ROHRIG JR; ROHRIG RF TTEE	4-R10-11
J114	GILBERT DONALD E JR	4-R10-12
K115	H3 LLC	4-R10-13
L116	NORTH FORK LANDFILL INC	4-R10-14
M117	PERSINGER PAMELA M	4-R10-15
N118	NORTH FORK LANDFILL INC	4-R10-43
O119	MCGLAUGHLIN DENNIS & S	4-R7-30
P120	VILLAGE OF CLEARVIEW	2-CV6-34.2
Q121	SPARKS FAMILY IRREVOCABLE TRST; TRACY LYNN EBERHARD TRUSTEE	2-CV6-29.1
R122	REINACHER CHARLES J & CAROL S	2-CV6-4
S123	REINACHER CHARLES J & CAROL S	2-CV6-4.2
T124	CAMPBELL JAMES & MICHELLE	2-CV6-5.1
U125	CAMPBELL CLYDE D & J L	2-CV6-6
V126	CAMPBELL CLYDE D	2-CV6-7
W127	ROWND DENISE & DANIEL T III	4-R7-12.11
X128	CHUMNEY KEVIN K AND JANET L	4-R7Q-13
Y129	CUPP JOSEPH T AND AMY JO	4-R7L-107
Z130	CITY OF WHEELING	4-R7L-105
A131	CITY OF WHEELING	4-R7L-100
B132	MACFARLAND DARIN P & KL	4-R7L-99
C133	CITY OF WHEELING	4-R7G-25
D134	MACFARLAND DARIN P & KIMBERLY	4-R7G-24
E135	COMER JEAN A	4-R7G-23
F136	COMER JEAN A	4-R7G-20
G137	ROBINSON RICHARD J	4-R7G-19
H138	VELEGOL DAVID & CAROLYN	4-R7G-18
I139	GUZZI COREY A & BRITTANY N	4-R7-10
J140	GUZZI COREY A & BRITTANY N	4-R7-11
K141	BOURNE JOHN & LETHA	4-R7L-56.8
L142	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.7
M143	MORGAN WILBUR W	4-R7L-56.6
N144	FAZZOLARI FRANK SAMUEL ESTATE	4-R7L-56.5
O145	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.4
P146	FLUHARTY MICHAEL L & BRENDA K	4-R7L-56
Q147	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.3
R148	WEST VIRGINIA STATE ROAD COMM	4-R7L-56.2
S149	DOUGHERTY GEORGE H & THELMA T	4-R7L-56.1
T150	JONES SHANNON M WILDS	4-R7-16.1
U151	DONOHEW WILLIAM SCOTT & LAURA	4-R4-2.4

09/26/2025

REVISIONS:

COMPANY:



OPERATOR'S

SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #:

5H

DRAWN BY: TMF

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

SCALE: N/A

DRAWING NO: ACE-2326

WELL LOCATION PLAT



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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
V152	MCCLURE WM H & MARG A	4-R4-7
W153	ROTH FARMS, LLC	4-R7-24
X154	HARTFILE GARY L - TOD	4-R7-16
Y155	HARTFILE GARY L - TOD	4-R7-20
Z156	LOEW J W JR & ELSIE	4-R7-22
A157	HARTFILE GARY L -TOD	4-R7-15.1
B158	FLUHARTY MICHAEL AND BRENDA K	4-R7-17
C159	STEWART MARK E; GEIGER LEEANN	4-R7-28
D160	STEWART MARK E	4-R7-15.2
E161	BIEGA FRANKIE P & C S	4-R7-15
F162	FEDORKE AARON P & TIMOTHY J	2-CV4-3
G163	FEDORKE TIMOTHY JOSEPH	4-R7-37
H164	BIEGA FRANK & CONNIE	4-R7-27.2
I165	STOEHR RONALD J & MARIE G- TOD	2-CV3-4.7
J166	ROWND DENISE A & ROWND DANIEL THOMPSON III	4-R7-14.1
K167	ROWND DENISE & DANIEL T III	4-R7-14
L168	UTTERMOHLEN JAMES VINCENT & ALINA DOLORES UTTERMOHLEN	2-CV7A-8
M169	JOHNSON TIMOTHY P & CRYSTAL J	2-CV7A-7
N170	RATCLIFFE LINDA L & RATCLIFFE RUSSELL B ESTATE	2-CV7A-6
O171	COMER JEAN A	2-CV7A-3
P172	SCHANE DOUGLAS W & CARRIE L	4-R7-12.8
Q173		
R174	ROWND DANIEL III & DENISE	4-R7-12.14
S175	BENNETT JOHN & HOLLY	2-CV7A-33
T176	WHITE DAVID A	2-CV7A-24
U177	EUTSEY NICOLE R	2-CV7A-21
V178	ANGIUS JENNA	2-CV6-10
W179	BOLES ROBERT E III & TIFFANY M	2-CV6-10.1
X180	GIBSON ROBERT H & D L	2-CV7A-4
Y181	MCQUAID RYAN P & SAMANTHA M	2-CV7A-2
Z182	CONTRAGUERRO MICHAEL J JR & BRITTANY LEIGH CONTRAGUERRO	2-CV6-24
A183	STEWART GREGORY L & JODI A	2-CV6-23
B184	SAVAGE CHARLES J & RACHEL M	2-CV6-22
C185	DAGRAVA TIMOTHY & MEGAN	2-CV6-21
D186	HLAD DOUGLAS M & LISA ANN	2-CV6-20
E187	STEWART LOGAN G & ALICIA D	2-CV6-19
F188	SZALAY FRANCIS E & PL	2-CV3-13.1
G189	MYERS WILBERT E III & J S	2-CV3-13
H190	KLEIN JACK W JR & BRENDA J-TOD	2-CV4-22.1
I191	MURRAY BRYAN M AND JOAN C	2-CV4-22
J192	PAVLIK NICHOLAS D AND GLORIA K	2-CV4-21.2
K193	HESTIA LLC	4-R8-65.1
L194	GLENN VIEW LIMITED PARTNERSHIP	4-R8-65.4
M195	GLENN VIEW II LIMITED PARTNERSHIP	4-R8-68
N196	MEREDITH DONALD R II AND JULIE	4-R8-69.1
O197	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-70
P198	CASTILOW CHET	4-R7-34
Q199	STEVEN JOHNSON LEWIS ET AL	4-R7-33
R200	JOHNSON STEVEN LEWIS ET AL	4-R7-32
S201	SCHMALZ ANGELA	4-R7-36
T202	JOHNSON JOHN	4-R10-29
U203	JOHNSON JOHN LLOYD	4-R7-39
V204	KYLE CHAD J & E A	4-R10-22
W205	NEWLAND DARRELL L	4-R10-22.3
X206	BROST RICHARD	4-R10-24.1
Y207	WILSON CINDY L P & DANIEL-TOD	4-R10-26
Z208	ERNEST RICHARD H JR & A L	4-R10-27
A209	LASH MARTHA J	4-R10-24

REVISIONS:	COMPANY:			09/26/2025
	OPERATOR'S	SHANNON FIELDS OHI		DATE: 03-31-2025
	WELL #:	5H		DRAWN BY: TMF
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
	RICHLAND	OHIO	WV	DRAWING NO: ACE-2326
				WELL LOCATION PLAT



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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
B210	BROOKS WILLIAM S C/O WESBANCO TRUST	4-R10-27.1
C211	WEST SHARON L	4-R10-28
D212	INTERSTATE DEV CORP C/O JACK FELTON CPA	4-R10-46
E213	MCCARDLE STANLEY M JR & M	4-R10-35
F214	OHIO COUNTY PUBLIC SERV DIST	4-R10-35.2
G215	MCGARRY CORENA ESTATE	4-R10-32
H216	BREIDING JOSHUA D	4-R10-34.2
I217	MCCARDLE STANLEY M JR & M	4-R10-36
J218	IAFRATE DAVID A	4-R10-39
K219	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-39.1
L220	NORTHFORK LANDFILL INC C/O SARKIS SUSAN	4-R10-41.1
M221	NORTH FORK LANDFILL INC C/O SUSAN SARKIS	4-R10-41
N222	GOLDEN CHRISTOPHER SCOTT & GOLDEN BRANDACE LYNN	4-R11-2.4
O223	DOYLE DANIEL T & LUCINDA E	4-R11-2.12
P224	LOWE JEREMY J & AMANDA L	4-R11-2.11
Q225	LOWE JEREMY J & AMANDA L	4-R11-2.6
R226	CUSACK JOHN L & TAMMIE L	4-R11-2.9
S227	COX C NOLAN	4-R14A-25
T228	DUFF FRANK X & DEBORAH M	4-R14A-69.1
U229	DUFF FRANK X & DEBORAH M	4-R14A-69
V230	DUFF FRANCIS X & D M	4-R14A-71
W231	DUFF DEBORAH M	4-R14A-88
X232	DUFF FRANCIS X & D M	4-R14A-53.2
Y233	EXLEY R BANFORD & T L	4-R14A-111
Z234	KIDD JOHN M	4-R14A-210
A235	ADAMS JAMES C & MELISSA S	4-R14E-1
B236	SUNSHINE STATE INV GROUP LLC	4-R14A-53
C237	SCHMITT JAMES A	4-R14-4.6
D238	SCHMITT JAMES A	4-R14-4.5
E239	LONG RUN PET HOSPITAL INC	4-R14-6
F240	JONES WILBUR S JR & JEFFERSON JOYCE P	4-R14-90
G241	SISTERS OF ST JOSEPH OF WHEELING INC	4-R11-21
H242	SISTERS OF ST JOSEPH OF WHG	4-R11-20
I243	PARKS SYSTEM TRUST FUND OF WHEELING	4-R11-21.3
J244	WHEELING PARK COMMISSION	4-R14-91
K245	WHEELING PARK COMMISSION	4-R14-20.4
L246	WHEELING PARK COMMISSION	4-R14-15.2
M247	HOSFELT WILLIAM J & PATRICIA HOSFELT ESTATES	10-W12D-2
N248	RANSOM CHARLES M & CRYSTAL G	10-W12D-1
O249	DIVINEY MARY F & TOMMY S JR	10-W14D-1
P250	SATTERFIELD DOROTHY & MARY KAY FAHEY	10-W14D-2
Q251	TUCKER ROBERT A & ROSEMARY	10-W14D-3
R252	MCKINLEY BETTY J	10-W14D-4
S253	WORKMAN WHITNEY SAMARA	10-W14D-5
T254	QUEEN THOMAS R & CYNTHIA A	10-W14D-6
U255	RIGGS DAVID V & KERRIE L	10-W14D-7
V256	ROBINSON TONY A	10-W14D-8
W257	BTCT RENTALS LLC	10-W14D-9
X258	KUHAR DOROTHY RES'V L/E KUHAR CHRISTINE	10-W14D-10
Y259	BASSI ALBERTO & THAIANE N LIMA	10-W14D-11
Z260	PEARCE CRAGO PAULA	10-W14D-12
A261	SMITH CODY A	10-W14D-13
B262	SAFCSAK KATHLEEN	10-W14D-14
C263	DOEPKEN DAVID W & CHRISTINE B	10-W14D-15
D264	BAUER JESSICA L & CHAD	10-W14D-16

REVISIONS:

COMPANY:



09/26/2025

OPERATOR'S

SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #:

5H

DRAWN BY: TMF

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

SCALE: N/A

DRAWING NO: ACE-2326

WELL LOCATION PLAT



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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
E265	NEUMAN CHARLES & B J WOTRING	10-W14D-17
F266	YOUNG MARK K & SAMANTHA	10-W14D-18
G267	PETRI DANIEL S & D	10-W14D-19
H268	WATSON STEVEN A & SHERI	10-W17D-2
I269	HANNA STEPHEN L & C H	10-W17D-3
J270	MILLER DAVID W & JUNKERSFELD PETER J	10-W17D-4
K271	MILLER DAVID W & JUNKERSFELD P	10-W17D-5
L272	FITZSIMMONS CLAYTON J	4-R14-46.13
M273	MCBANE DANIEL & CLARE FAMILY TRUST	10-W17D-6
N274	WHEELING PARK COMMISSION	10-W17D-7
O275	LAPP SAMUEL J II & HEATHER A	4-R14-50.1
P276	GOMPERS KATHLEEN M	4-R14-50.3
Q277	GOMPERS KATHLEEN M	4-R14-50.2
R278	FRIEND HARRIETTE E & FRIEND L EDWARD II	4-R14-51
S279	HITCHMAN HELEN G	4-R14-53
T280	BURGE EDWARD LEE JR	4-R17-8.1
U281	HITCHMAN HELEN G	4-R14-67
V282	KNOX TARA MICHELLE & TORY JAY	4-R17-59.1
W283	EDDY DONALD R & M M	4-R17-59.2
X284	FLUHARTY MICHAEL L	4-R7-6
Y285	WOLFE JAMES R ESTATE	4-R7-7
Z286	FLUHARTY MICHAEL L & BRENDA K	4-R7-8
A287	FLUHARTY MICHAEL L & BRENDA K	4-R7-9.1
B288	FLUHARTY MICHAEL & BRENDA	4-R7-9
C289	WICKHAM THOMAS OR LINDA	2-CV5-31
D290		2-CV5-30
E291	VILLAGE OF CLEARVIEW	2-CV5-30.1
F292	CLATTERBUCK CHAD J	2-CV6-34
G293	STEFANOW JOHN	2-CV6-33
H294	PARKER GAGE C	2-CV6-32
I295	THOMAS AMANDA & MARK S II	2-CV6-31
J296	HAWK ANGELA S & BART N WISIALOWSKI	2-CV6-30
K297	RUSSELL J F SR & W M (L/E) KUZNICK MARGARET CAROL	2-CV6-29

REVISIONS:

COMPANY:



09/26/2025

OPERATOR'S

SHANNON FIELDS OHI

DATE: 03-31-2025

WELL #:

5H

DRAWN BY: TMF

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

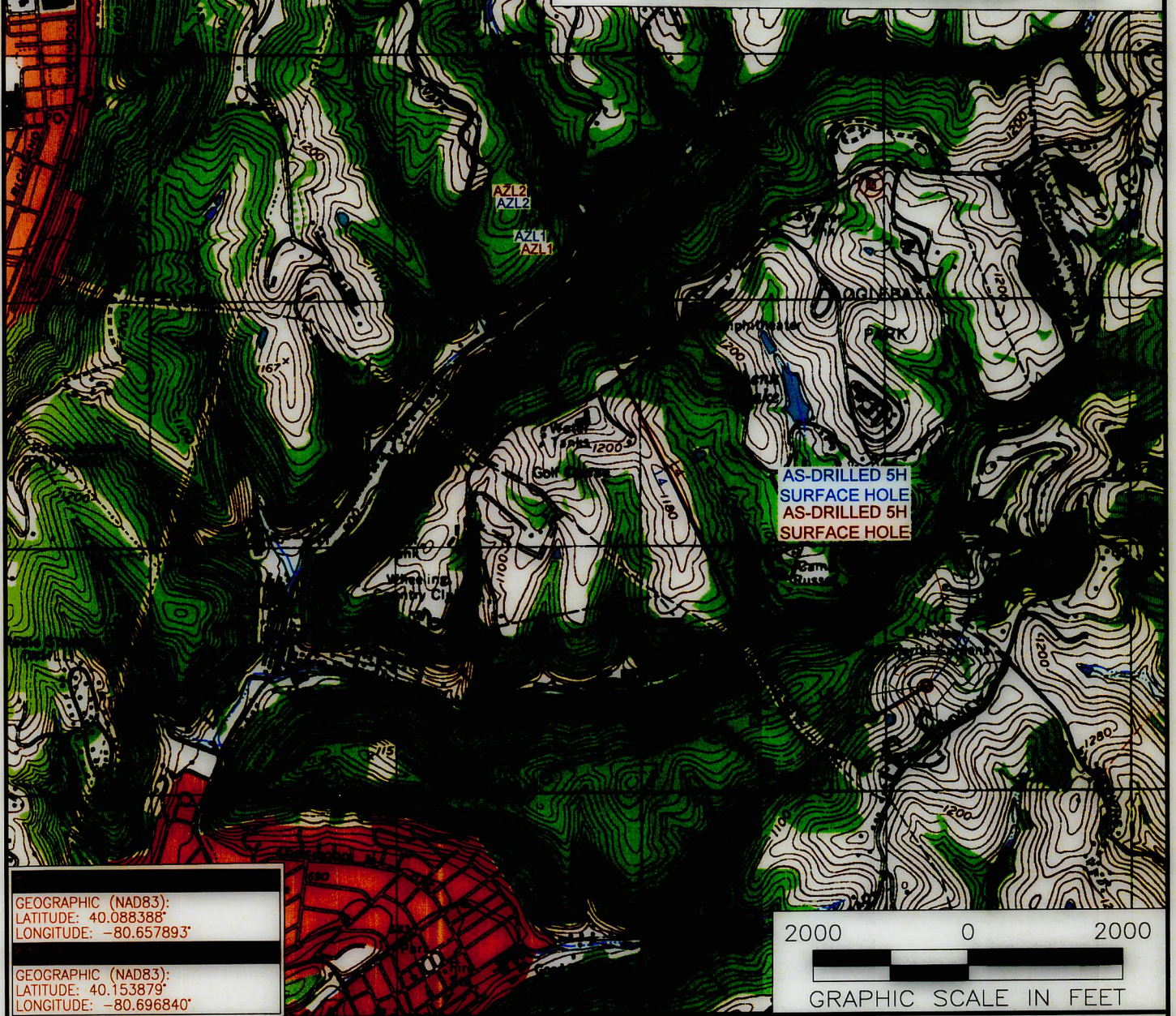
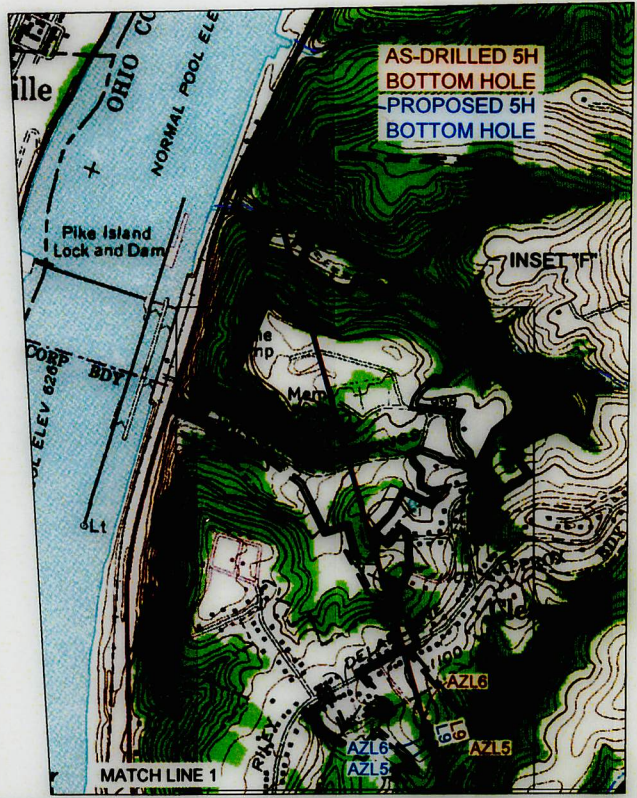
SCALE: N/A

DRAWING NO: ACE-2326

WELL LOCATION PLAT

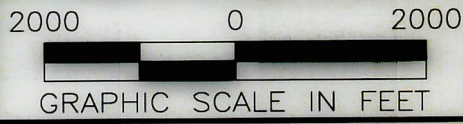


SURVEYOR/ENGINEER:
1700 ANMOORE ROAD
BRIDGEPORT, WV 26330
1-304-933-3463



GEOGRAPHIC (NAD83):
LATITUDE: 40.088388°
LONGITUDE: -80.657893°

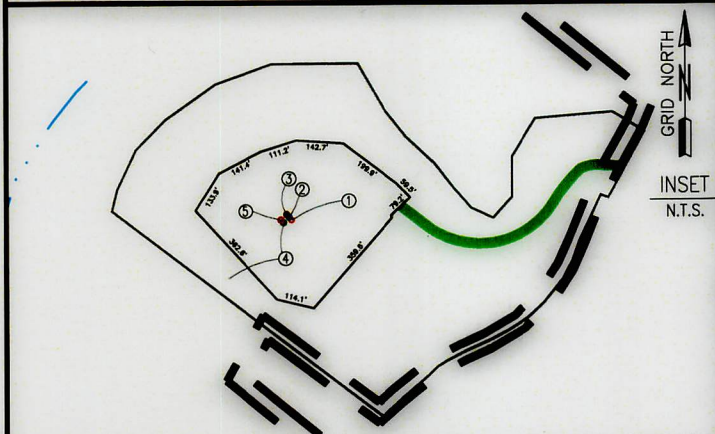
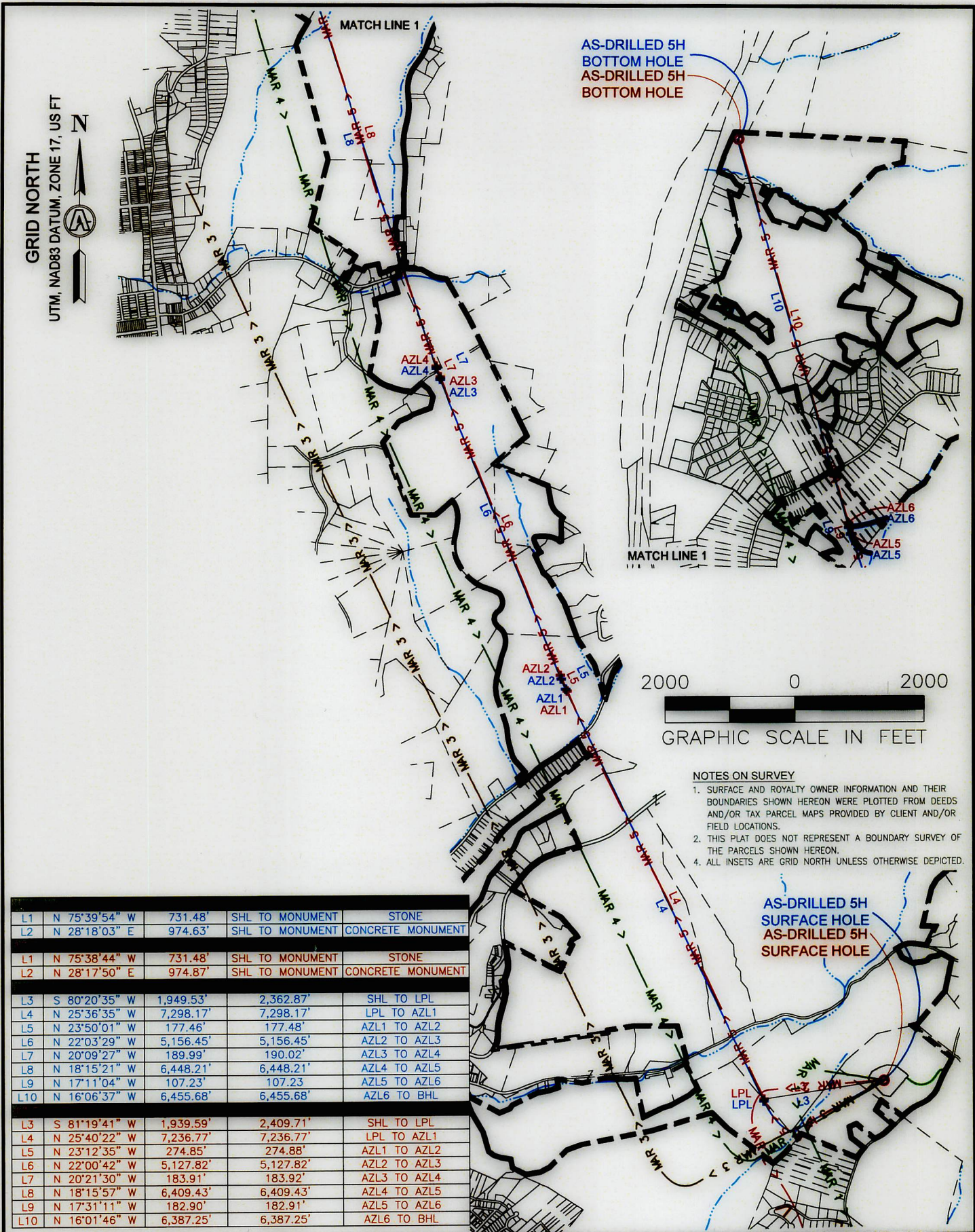
GEOGRAPHIC (NAD83):
LATITUDE: 40.153879°
LONGITUDE: -80.696840°



NOTES ON SURVEY			
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.			
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.			
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.			

LEGEND:		09/20/2025	
	PROPOSED SURFACE HOLE / BOTTOM HOLE		SURVEYED BOUNDARY
	EXISTING / PRODUCING WELLHEAD		LEASE BOUNDARY
	LPL* LANDING POINT LOCATION		ASDRILLED PATH
	EXISTING WATER WELL		PROPOSED PATH
	EXISTING SPRING		DHP BUFFER

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC		WELL (FARM) NAME: SHANNON FIELDS OHI		WELL # 5H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201		COUNTY - CODE OHIO - 35	DISTRICT; RICHLAND		
SURFACE OWNER: SWN PRODUCTION COMPANY, LLC		USGS 7 1/2 QUADRANGLE MAP NAME WHEELING, WV			



LEGEND:

○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT
⊙ EXISTING / PRODUCING WELLHEAD	== LEASE BOUNDARY
⊙ ABANDONED WELL	— HARDLINE BOUNDARY
⊙ PLUGGED & ABANDONED WELL	— UPP 2 > — UPPER POINT PLEASANT PATH
LPL* LANDING POINT LOCATION	— MAR 2 > — MARCELLUS PATH

COMPANY: **expand**

OPERATOR'S **SHANNON FIELDS OHI**

WELL #: **5H**

DISTRICT: RICHLAND	COUNTY: OHIO	STATE: WEST VIRGINIA
---------------------------	---------------------	-----------------------------

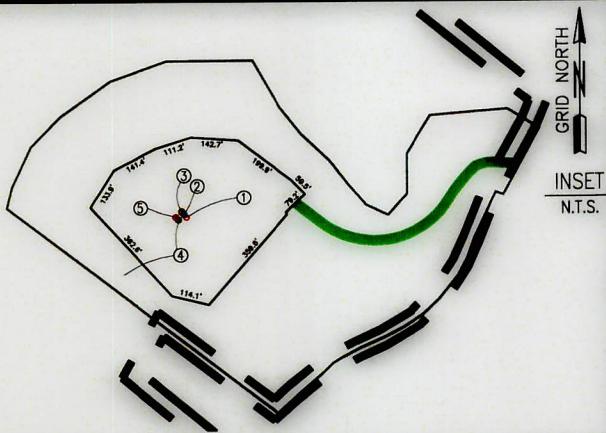
SWN PRODUCTION COMPANY, LLC
SURFACE HOLES

1. "SHANNON FIELDS—OH 210H"
2. "SHANNON FIELDS—OH 10H"
3. "SHANNON FIELDS—OH 1H"
4. "SHANNON FIELDS—OH 3H"
5. "SHANNON FIELDS—OH 5H"

09/26/2025

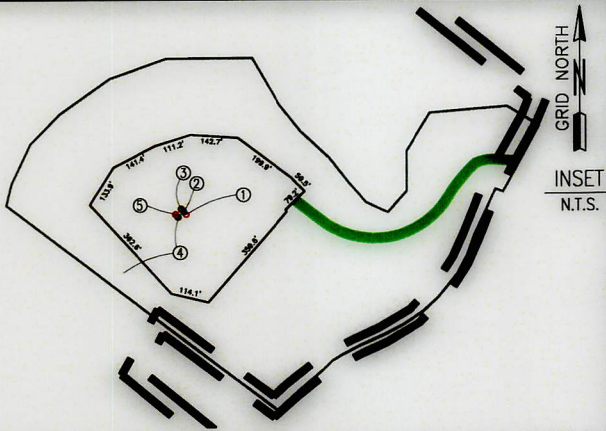
REVISIONS:	DATE: 03-31-2025
	DRAWN BY: TMF
	SCALE: 1" = 2500'
	DRAWING NO: ACE-2326
	INTERNAL WELL PLAT

GEOGRAPHIC (NAD83): LATITUDE: 40.088389° LONGITUDE: -80.657892°	GEOGRAPHIC (NAD27): LATITUDE: 40.088316° LONGITUDE: -80.658092°	GEOGRAPHIC (NAD83): LATITUDE: 40.136531° LONGITUDE: -80.690461°	GEOGRAPHIC (NAD27): LATITUDE: 40.136459° LONGITUDE: -80.690659°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,559,103.630 EASTING: 1,736,100.660	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,558,387.278 EASTING: 1,736,047.377	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,576,601.130 EASTING: 1,726,930.570	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,575,884.793 EASTING: 1,726,877.514
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,623.662 EASTING: 529,164.539	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,437,405.317 EASTING: 529,148.299	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,956.910 EASTING: 526,369.490	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,442,738.570 EASTING: 526,353.319
GEOGRAPHIC (NAD83): LATITUDE: 40.087511° LONGITUDE: -80.664768°	GEOGRAPHIC (NAD27): LATITUDE: 40.087438° LONGITUDE: -80.664968°	GEOGRAPHIC (NAD83): LATITUDE: 40.136813° LONGITUDE: -80.690573°	GEOGRAPHIC (NAD27): LATITUDE: 40.136741° LONGITUDE: -80.690771°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,558,776.600 EASTING: 1,734,178.760	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,558,060.267 EASTING: 1,734,125.534	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,576,703.570 EASTING: 1,726,898.890	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,575,987.233 EASTING: 1,726,845.835
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,523.983 EASTING: 528,578.743	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,437,305.644 EASTING: 528,562.520	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,988.134 EASTING: 526,359.834	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,442,769.794 EASTING: 526,343.663
GEOGRAPHIC (NAD83): LATITUDE: 40.105616° LONGITUDE: -80.675961°	GEOGRAPHIC (NAD27): LATITUDE: 40.105543° LONGITUDE: -80.676160°	GEOGRAPHIC (NAD83): LATITUDE: 40.153861° LONGITUDE: -80.696907°	GEOGRAPHIC (NAD27): LATITUDE: 40.153790° LONGITUDE: -80.697105°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,565,357.790 EASTING: 1,731,024.210	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,564,641.462 EASTING: 1,730,971.062	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,582,905.730 EASTING: 1,725,107.530	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,582,189.383 EASTING: 1,725,054.511
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,529.933 EASTING: 527,617.234	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,439,311.596 EASTING: 527,601.035	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,878.556 EASTING: 525,813.827	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,444,660.213 EASTING: 525,797.666
GEOGRAPHIC (NAD83): LATITUDE: 40.106062° LONGITUDE: -80.676215°	GEOGRAPHIC (NAD27): LATITUDE: 40.105990° LONGITUDE: -80.676414°		
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,565,520.120 EASTING: 1,730,952.500	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,564,803.792 EASTING: 1,730,899.353		
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,579.412 EASTING: 527,595.377	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,439,361.074 EASTING: 527,579.178		
GEOGRAPHIC (NAD83): LATITUDE: 40.119205° LONGITUDE: -80.683080°	GEOGRAPHIC (NAD27): LATITUDE: 40.119133° LONGITUDE: -80.683278°		
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,570,299.130 EASTING: 1,729,016.010	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,569,582.800 EASTING: 1,728,962.909		
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,441,036.057 EASTING: 527,005.134	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,440,817.719 EASTING: 526,988.949		
GEOGRAPHIC (NAD83): LATITUDE: 40.119695° LONGITUDE: -80.683312°	GEOGRAPHIC (NAD27): LATITUDE: 40.119623° LONGITUDE: -80.683510°		
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,570,477.480 EASTING: 1,728,950.540	UTM (NAD27, ZONE 17, FEET): NORTHING: 14,569,761.150 EASTING: 1,728,897.440		
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,441,090.418 EASTING: 526,985.179	UTM (NAD27, ZONE 17, METERS): NORTHING: 4,440,872.080 EASTING: 526,968.994		



COMPANY:					
OPERATOR'S			SHANNON FIELDS OHI		
WELL #:			5H		
DISTRICT:	COUNTY:	STATE:			
RICHLAND	OHIO	WEST VIRGINIA			
SWN PRODUCTION COMPANY, LLC SURFACE HOLES					
1. "SHANNON FIELDS-OHI 210H"					
2. "SHANNON FIELDS-OHI 10H"					
3. "SHANNON FIELDS-OHI 1H"					
4. "SHANNON FIELDS-OHI 3H"					
5. "SHANNON FIELDS-OHI 5H"					
09/26/2025					
REVISIONS:			DATE: 03-31-2025		
			DRAWN BY: TMF		
			SCALE: 1" = 2500'		
			DRAWING NO: ACE-2326		
			INTERNAL WELL PLAT		

GEOGRAPHIC (NAD83): LATITUDE: 40.088388° LONGITUDE: -80.657893°	GEOGRAPHIC (NAD83): LATITUDE: 40.119317° LONGITUDE: -80.683073°	GEOGRAPHIC (NAD83): LATITUDE: 40.153879° LONGITUDE: -80.696840°
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,559,103.390 EASTING: 1,736,100.600	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,570,339.960 EASTING: 1,729,017.780	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,582,912.190 EASTING: 1,725,126.150
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,623.589 EASTING: 529,164.521	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,441,048.502 EASTING: 527,005.673	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,444,880.525 EASTING: 525,819.502
SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 580,638.830 EASTING: 1,644,537.584	SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 591,996.498 EASTING: 1,637,641.254	SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 604,636.787 EASTING: 1,633,959.172
GEOGRAPHIC (NAD27): LATITUDE: 40.088315° LONGITUDE: -80.658093°	GEOGRAPHIC (NAD27): LATITUDE: 40.119245° LONGITUDE: -80.683272°	GEOGRAPHIC (NAD27): LATITUDE: 40.153807° LONGITUDE: -80.697038°
SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 580,602.076 EASTING: 1,675,972.794	SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 591,959.762 EASTING: 1,669,076.645	SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 604,600.032 EASTING: 1,665,394.644
GEOGRAPHIC (NAD83): LATITUDE: 40.087605° LONGITUDE: -80.664752°	GEOGRAPHIC (NAD83): LATITUDE: 40.119791° LONGITUDE: -80.683300°	
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,558,810.940 EASTING: 1,734,183.180	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,570,512.380 EASTING: 1,728,953.800	
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,437,534.450 EASTING: 528,580.090	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,441,101.056 EASTING: 526,986.172	
SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 580,378.410 EASTING: 1,642,614.841	SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 592,170.028 EASTING: 1,637,580.145	
GEOGRAPHIC (NAD27): LATITUDE: 40.087532° LONGITUDE: -80.664952°	GEOGRAPHIC (NAD27): LATITUDE: 40.119719° LONGITUDE: -80.683498°	
SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 580,341.674 EASTING: 1,674,050.108	SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 592,133.292 EASTING: 1,669,015.538	
GEOGRAPHIC (NAD83): LATITUDE: 40.105548° LONGITUDE: -80.675876°	GEOGRAPHIC (NAD83): LATITUDE: 40.136525° LONGITUDE: -80.690410°	
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,565,333.310 EASTING: 1,731,047.980	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,576,598.860 EASTING: 1,726,944.930	
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,522.472 EASTING: 527,624.480	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,442,956.218 EASTING: 526,373.867	
SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 586,954.725 EASTING: 1,639,588.111	SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 598,291.537 EASTING: 1,635,672.694	
GEOGRAPHIC (NAD27): LATITUDE: 40.105476° LONGITUDE: -80.676075°	GEOGRAPHIC (NAD27): LATITUDE: 40.136453° LONGITUDE: -80.690608°	
SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 586,917.991 EASTING: 1,671,023.455	SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 598,254.794 EASTING: 1,667,108.130	
GEOGRAPHIC (NAD83): LATITUDE: 40.106243° LONGITUDE: -80.676260°	GEOGRAPHIC (NAD83): LATITUDE: 40.137004° LONGITUDE: -80.690604°	
UTM (NAD83, ZONE 17, FEET): NORTHING: 14,565,585.920 EASTING: 1,730,939.660	UTM (NAD83, ZONE 17, FEET): NORTHING: 14,576,773.280 EASTING: 1,726,889.870	
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,439,599.468 EASTING: 527,591.464	UTM (NAD83, ZONE 17, METERS): NORTHING: 4,443,009.382 EASTING: 526,357.085	
SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 587,209.205 EASTING: 1,639,483.995	SPCS (NAD 83, WEST VIRGINIA NORTH): NORTHING: 598,466.919 EASTING: 1,635,620.541	
GEOGRAPHIC (NAD27): LATITUDE: 40.106171° LONGITUDE: -80.676459°	GEOGRAPHIC (NAD27): LATITUDE: 40.136932° LONGITUDE: -80.690803°	
SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 587,172.472 EASTING: 1,670,919.342	SPCS (NAD 27, WEST VIRGINIA NORTH): NORTHING: 598,430.175 EASTING: 1,667,055.979	



NOTE: ANY UTILITIES OR IMPROVEMENTS SHOWN ON THIS PLAT ARE FROM REASONABLE VISUAL OBSERVATIONS. NO UTILITY COMPANIES WERE CONTACTED FOR UTILITY LINE LOCATIONS.

LEGEND:	
PROPOSED SURFACE HOLE / BOTTOM HOLE	DRILLING UNIT
EXISTING / PRODUCING WELLHEAD	LEASE BOUNDARY
ABANDONED WELL	HARDLINE BOUNDARY
PLUGGED & ABANDONED WELL	UPP 2 > UPPER POINT PLEASANT PATH
LPL* LANDING POINT LOCATION	MAR 2 > MARCELLUS PATH

COMPANY:		
OPERATOR'S		
SHANNON FIELDS OHI		
WELL #:		
5H		
DISTRICT:	COUNTY:	STATE:
RICHLAND	OHIO	WEST VIRGINIA
SWN PRODUCTION COMPANY, LLC		
SURFACE HOLES		
1. "SHANNON FIELDS-OHI 210H"		
2. "SHANNON FIELDS-OHI 10H"		
3. "SHANNON FIELDS-OHI 1H"		
4. "SHANNON FIELDS-OHI 3H"		
5. "SHANNON FIELDS-OHI 5H"		
09/26/2025		
REVISIONS:		DATE: 03-31-2025
		DRAWN BY: TMF
		SCALE: 1" = 2500'
		DRAWING NO: ACE-2326
		INTERNAL WELL PLAT