

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

API 47 - 103 - 03643 ✓ OK - WS 7/8/25 County Wetzel District Center
Quad Littleton Pad Name Riter WTZ Field/Pool Name Panhandle Field - Wet
Farm name Riter WTZ Well Number 1H A
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 4,394,869.975 Easting 536,901.382
Landing Point of Curve Northing 4,394,597.819 Easting 537,779.031
Bottom Hole Northing 4,399,310.286 Easting 532,422.066

Elevation (ft) 1,411 GL Type of Well ☒ New ☐ Existing Type of Report ☐ Interim ☒ Final
Permit Type ☐ Deviated ☒ Horizontal ☐ Horizontal 6A ☐ Vertical Depth Type ☐ Deep ☒ Shallow
Type of Operation ☐ Convert ☐ Deepen ☒ Drill ☐ Plug Back ☐ Redrilling ☐ Rework ☒ Stimulate
Well Type ☐ Brine Disposal ☐ CBM ☒ Gas ☐ Oil ☐ Secondary Recovery ☐ Solution Mining ☐ Storage ☐ Other _____
Type of Completion ☒ Single ☐ Multiple Fluids Produced ☐ Brine ☒ Gas ☐ NGL ☐ Oil ☐ Other _____
Drilled with ☐ Cable ☒ Rotary

Drilling Media Surface hole ☒ Air ☐ Mud ☒ Fresh Water Intermediate hole ☒ Air ☐ Mud ☐ Fresh Water ☐ Brine
Production hole ☒ Air ☒ Mud ☐ Fresh Water ☐ Brine
Mud Type(s) and Additive(s)
SOBM

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Date permit issued 2024-4-15 Date drilling commenced 2024-9-24 Date drilling ceased 2024-10-10
Date completion activities began 2025-1-1 Date completion activities ceased 2025-2-21
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 419 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1901 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 0 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by: May 8/12/25
APPROVED
09/12/2025

API 47- 103 - Farm name Riter WTZ Well number 1H A

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		Y
Surface	17.500	13.375	476		J-55		Y
Coal							
Intermediate 1	12.250	9.625	3,160		J-55		Y
Intermediate 2							
Intermediate 3							
Production	8.500	5.500	32,518		P-110 HP		Y
Tubing							
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	477	15.6	1.19	0	Surface	8
Coal							
Intermediate 1	Class A	1,190	15.6	1.18	0	Surface	8
Intermediate 2							
Intermediate 3							
Production	Class A	6,414	14.5	1.29	0	Surface	24
Tubing							

Drillers TD (ft) 32,518 Loggers TD (ft) 32,518

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

Well 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 DETAILS _____

WAS WELL COMPLETED OPEN HOLE? ☐ Yes ☒ No DETAILS _____

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

09/12/2025

API 47- 103 - Farm name Riter WTZ Well number 1H A

PERFORATION RECORD

[illegible]

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

[illegible]

Please insert additional pages as applicable.

09/12/2025

API 47- 103 - 03640 Farm name Riter WTZ Well number 1H A

PRODUCING FORMATION(S)

DEPTHS

Marcellus	7590	TVD	8882	MD
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Please insert additional pages as applicable.

GAS TEST ☐ Build up ☐ Drawdown ☒ Open Flow OIL TEST ☐ Flow ☐ Pump

SHUT-IN PRESSURE Surface 3,379 psi Bottom Hole 6,650 psi DURATION OF TEST 24 hrs

OPEN FLOW	Gas		Oil		NGL		Water		GAS MEASURED BY		
	49,668	mcfpd		bpd		bpd	1,058	bpd	☐ Estimated	☒ Orifice	☐ Pilot

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

[illegible]

Please insert additional pages as applicable.

Drilling Contractor SWN Drilling Company

Address	PO Box 12395	City	Spring	State	TX	Zip	77391-2359
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Logging Company Baker Hughes

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

Cementing Company Schlumberger

Address 110 Schlumberger Drive City Sugar Land State TX Zip 77478

Stimulating Company SWN Drilling Company

Address	PO Box 12395	City	Spring	State	TX	Zip	77391
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Please insert additional pages as applicable.

Completed by Eric Haskins

Telephone 570 290-8837

Signature Title Regulatory Manager Date 5/20/25

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

09/12/2025

Refresh	Wellbore Name	RITER WZF 1H - Original Hole																		AFE			
	Operator	EXPAND OPERATING LLC																		Frac Company			
	Division	SOUTHWEST APPALACHIA																		Latitude		39.702903	
	Pad	EXPAND OPERATING LLC																		Longitude		-80.569749	
Frac String :		5.5in 20# P-110 HP Production Casing Set at 32,505 ft																		CLAT:	23,409 ft	Stages/Day:	0.40
	Stage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
	Stage Cost	\$37,494	\$46,212	\$44,534	\$50,587	\$44,392	\$44,128	\$41,847	\$42,200	\$39,595	\$42,455	\$41,073	\$40,385	\$34,662	\$43,783	\$37,759	\$42,343	\$38,154	\$37,497	\$37,865			
	Date	1/1/2025	1/2/2025	1/2/2025	1/8/2025	1/9/2025	1/10/2025	1/10/2025	1/11/2025	1/12/2025	1/12/2025	1/12/2025	1/13/2025	1/13/2025	1/13/2025	1/18/2025	1/19/2025	1/19/2025	1/19/2025	1/20/2025			
	Top Perf (ft)	32,318	32,107	31,897	31,687	31,477	31,267	31,057	30,847	30,637	30,427	30,217	30,007	29,797	29,587	29,377	29,167	28,957	28,747	28,537			
	Btm Perf (ft)	32,416	32,284	32,074	31,864	31,654	31,444	31,234	31,024	30,814	30,604	30,394	30,184	29,974	29,764	29,554	29,344	29,134	28,924	28,710			
	Number of Perf Holes	13	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36			
	Perf Hole ID (in)	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42			
	TVD (ft)	7,177	7,177	7,179	7,180	7,182	7,184	7,187	7,191	7,196	7,200	7,207	7,215	7,223	7,231	7,239	7,246	7,252	7,258	7,264			
	Capacity to Top Perf (bbls)	717	713	708	703	699	694	689	685	680	675	671	666	661	657	652	647	643	638	633			
	Capacity to Bottom Perf (bbls)	720	717	712	707	703	698	693	689	684	679	675	670	665	661	656	651	647	642	637			
	Survey (inclination)	90.09	90.43	90.43	90.42	90.33	90.86	91.06	91.23	91.11	91.42	92.21	92.29	92.07	92.17	92.17	91.63	91.65	91.64	91.61			
	Mid-Perf (MD)	32,357	32,196	31,986	31,776	31,566	31,356	31,146	30,936	30,726	30,516	30,306	30,096	29,886	29,676	29,466	29,256	29,046	28,836	28,624			
	Pump Down Start Time	1/1/25 6:27	1/2/25 18:42	1/2/25 21:08	1/8/25 21:08	1/9/25 21:08	1/10/25 15:26	1/10/25 15:26	1/11/25 22:18	1/12/25 6:02	1/12/25 6:02	1/12/25 13:17	1/13/25 9:17	1/13/25 16:53	1/13/25 16:53	1/18/25 14:28	1/18/25 22:10	1/19/25 10:25	1/19/25 16:38	1/20/25 7:14			
	Pump Down Stop Time	1/2/25 7:44	1/2/25 18:42	1/2/25 21:08	1/8/25 21:08	1/9/25 21:08	1/10/25 15:26	1/10/25 15:26	1/11/25 22:18	1/12/25 6:02	1/12/25 6:02	1/12/25 13:17	1/13/25 9:17	1/13/25 16:53	1/13/25 16:53	1/18/25 14:28	1/18/25 22:10	1/19/25 10:25	1/19/25 16:38	1/20/25 7:14			
	Pumpdown Total Time		1:28	0:00	1:03	1:38	0:87	0:87	1:00	0:93	1:02	0:75	0:87	0:67	0:78		1:22	1:07	0:83	1:00			
	Stage Start Time	1/1/25 6:02	1/2/25 7:44	1/2/25 18:42	1/8/25 21:08	1/9/25 21:08	1/10/25 15:26	1/10/25 15:26	1/11/25 22:18	1/12/25 6:02	1/12/25 6:02	1/12/25 13:17	1/13/25 9:17	1/13/25 16:53	1/13/25 16:53	1/18/25 14:28	1/18/25 22:10	1/19/25 10:25	1/19/25 16:38	1/20/25 7:14			
	Stage Stop Time	1/1/25 12:24	1/2/25 17:32	1/2/25 19:42	1/8/25 21:18	1/9/25 21:18	1/10/25 15:38	1/10/25 15:38	1/11/25 22:28	1/12/25 6:18	1/12/25 6:18	1/12/25 13:27	1/13/25 9:27	1/13/25 17:03	1/13/25 17:03	1/18/25 14:38	1/18/25 22:20	1/19/25 10:35	1/19/25 16:48	1/20/25 7:24			
	Total Stage time (hrs)	4.37	9.62	7.75	131.13	3.80	27.63	5.55	21.23	5.55	5.83	9.92	8.15	3.93	10.72	2.90	23.68	7.98					
	IWHP (psi)	1,989	1,950	2,440	415	2,555	1,254	2,315	1,300	2,235	2,250	1,700	2,560	3,042	2,845	3,172	2,450	3,200	2,738	3,100			
	15% HCl Acid (bbls)	33	33	33	33	33	33	33	33	24	24	24	24	24	24	24	33	33	33	33			
	Number of Perf Clusters	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
	Perf Spacing (ft)	49	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34			
	Pump down (bbls)		216	180	169	197	170	161	169	161	186	163	154	149	167	180	166	151	146	173			
	Frac Water (bbls)	10,844	11,002	9,511	13,319	10,574	9,829	8,855	9,014	8,548	9,276	8,863	8,566	8,180	10,498	8,562	10,020	8,230	8,174	7,917			
	Load to Recover (Total Vol Pumped) (bbls)	10,844	11,218	9,591	13,488	10,771	9,999	9,016	9,183	8,709	9,462	9,026	8,720	8,339	10,665	8,742	10,186	8,381	8,320	8,050			
	Slurry Volume (bbls)	11,057	11,614	10,058	13,980	11,251	10,331	9,370	9,546	9,037	9,838	9,383	9,059	8,676	11,022	9,097	10,500	8,722	8,680	8,435			
	100 Mesh (lbs)	82,820	126,240	129,670	126,850	123,280	124,330	122,790	120,110	124,210	118,640	124,050	125,550	123,050	127,280	123,620	121,540	121,660	126,460	119,560			
	20/40, 30/50, 30/70, & 40/70 (lbs)	109,180	191,220	195,770	191,570	146,820	189,890	184,441	189,610	164,030	183,770	184,660	186,340	184,230	197,840	183,880	182,370	186,370	183,310	188,830			
	Total Prop from Stim Int Prop Table (lbs)	192,000	317,460	325,440	318,520	270,100	314,220	307,231	309,720	288,240	307,410	308,710	311,890	307,280	325,120	307,500	303,910	308,030	309,770	308,390			
	Total Prop from StimStageTable (lbs)	192,000	317,460	325,440	318,520	270,100	314,220	307,231	309,720	288,240	307,410	308,710	311,890	307,280	325,120	307,500	303,910	308,030	309,770	308,390			
	Avg Rate (bbls/min)	71	81	73	77	80	88	79	89	81	85	75	72	66	72	82	82	83	75	84			
	Avg Pressure (psi)	7,365	9,602	9,864	8,540	9,804	9,656	9,907	10,066	10,193	9,579	9,940	9,486	9,633	9,804	9,701	9,777	9,663	9,670	9,437			
	Max Rate (bpm)	83	85	75	88	83	95	82	91	85	90	80	82	72	77	85	87	88	77	86			
	Max Pressure (psi)	9,774	10,146	10,075	10,163	10,205	10,183	10,240	10,555	10,545	10,397	10,590	10,248	9,856	11,035	10,325	9,580	10,000	10,022	9,850			
	Break Pressure (psi)	1,989	1,950	5,645	568	6,875	5,459	6,225	5,455	6,285	5,535	4,925	6,120	5,701	6,895	6,651	6,450	5,960	6,716	6,440			
	ISIP (psi)	3,738	4,800	4,520	4,368	5,020	4,686	5,200	4,900	4,674	4,300	4,604	4,820	3,855	5,606	5,600	4,900	4,994	4,700				
	FG (psi/ft)	0.94	1.08	1.04	1.02	1.11	1.06	1.13	1.13	1.09	1.06	1.01	1.05	1.08	0.95	1.19	1.19	1.09	1.10	1.06			
	Biocide (gal)	22	20	17	21	19	19	15	15	15	16	15	15	15	16	15	17	15	14	14			
	Corrosion Inhibitor (lbs)	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3		3			
	Friction Reducer (gal)	11,341	11,694	10,281	14,005	11,324	10,471	9,498	9,653	9,121	9,994	9,470	9,144	8,619	11,011	9,052	10,559	8,678	8,566	8,411			
	HCl 15% (gal)	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	1,000	1,400	1,400		1,400			
	Scale Inhibitor (gal)	13	11	10	13	11	11	9	9	9	10	9	9	9	10	9	7	9	8	8			
	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																							

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43

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
\$36,886	\$36,592	\$37,477	\$37,963	\$36,496	\$38,210	\$36,710	\$37,182	\$38,708	\$37,958	\$37,323	\$38,217	\$38,958	\$39,013	\$38,923	\$38,378	\$43,493	\$38,821	\$37,788	\$38,842	\$37,084	\$38,340	\$37,025
1/21/2025	1/21/2025	1/21/2025	1/22/2025	1/22/2025	1/23/2025	1/23/2025	1/23/2025	1/23/2025	1/24/2025	1/24/2025	1/24/2025	1/25/2025	1/25/2025	1/25/2025	1/25/2025	1/26/2025	1/26/2025	1/26/2025	1/27/2025	1/27/2025	1/27/2025	1/27/2025
28,327	28,117	27,907	27,697	27,487	27,277	27,067	26,857	26,647	26,437	26,227	26,017	25,807	25,597	25,387	25,177	24,967	24,757	24,547	24,337	24,127	23,917	23,707
28,504	28,294	28,084	27,874	27,664	27,454	27,244	27,034	26,824	26,614	26,404	26,194	25,984	25,774	25,564	25,354	25,144	24,934	24,724	24,514	24,304	24,094	23,884
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
7,270	7,278	7,286	7,295	7,304	7,312	7,320	7,327	7,334	7,340	7,347	7,354	7,361	7,368	7,375	7,382	7,389	7,396	7,403	7,411	7,418	7,424	7,430
629	624	619	615	610	605	601	596	591	587	582	577	573	568	563	559	554	550	545	540	536	531	526
633	628	623	619	614	609	605	600	595	591	586	581	577	572	567	563	558	553	549	544	539	535	530
91.60	92.34	92.31	92.45	92.37	92.08	91.98	91.76	91.90	91.79	91.91	91.91	91.87	91.94	91.97	91.94	91.79	92.00	91.93	91.91	91.94	91.58	91.43
28,416	28,206	27,996	27,786	27,576	27,366	27,156	26,946	26,736	26,526	26,316	26,106	25,896	25,686	25,476	25,266	25,056	24,846	24,636	24,426	24,216	24,006	23,796
1/29/25 30:46	1/21/25 14:17	1/21/25 00:27	1/23/25 18:33	1/23/25 11:49	1/23/25 13:45	1/23/25 12:42	1/23/25 19:55	1/24/25 21:10	1/24/25 7:56	1/24/25 16:08	1/25/25 0:45	1/25/25 5:37	1/25/25 11:30	1/25/25 19:27	1/26/25 1:30	1/26/25 8:36	1/26/25 15:15	1/26/25 15:15	1/27/25 11:16	1/27/25 14:12	1/27/25 20:30	
1/29/25 21:57	1/21/25 8:16	1/21/25 15:26	1/23/25 11:17	1/23/25 13:45	1/23/25 4:01	1/23/25 13:31	1/23/25 20:50	1/24/25 3:45	1/24/25 8:41	1/24/25 16:58	1/25/25 1:45	1/25/25 6:35	1/25/25 14:07	1/25/25 20:20	1/26/25 2:04	1/26/25 9:44	1/26/25 16:04	1/26/25 21:21	1/27/25 1:59	1/27/25 14:54	1/27/25 21:06	
1.18	0.90	0.80	0.97	0.90	1.03	0.93	0.85	0.92	1.58	0.75	0.83	1.00	0.80	0.78	0.88	0.73	0.77	0.82	1.35	0.72	0.70	0.80
1/29/25 21:57	1/21/25 8:16	1/21/25 15:26	1/23/25 11:17	1/23/25 13:45	1/23/25 4:01	1/23/25 13:31	1/23/25 20:50	1/24/25 3:45	1/24/25 8:41	1/24/25 16:58	1/25/25 1:45	1/25/25 6:35	1/25/25 14:07	1/25/25 20:20	1/26/25 2:04	1/26/25 9:44	1/26/25 16:04	1/26/25 21:21	1/27/25 1:59	1/27/25 14:54	1/27/25 21:06	
1/21/25 4:35	1/21/25 11:07	1/21/25 18:30	1/22/25 5:16	1/23/25 18:33	1/23/25 3:02	1/23/25 12:29	1/23/25 19:57	1/24/25 0:38	1/24/25 7:41	1/24/25 12:08	1/25/25 23:57	1/25/25 5:08	1/25/25 11:37	1/25/25 19:08	1/26/25 21:56	1/26/25 6:49	1/26/25 15:11	1/26/25 19:38	1/27/25 1:28	1/27/25 14:01	1/27/25 19:38	1/28/25 0:34
6.47	3.85	3.25	27.85	7.27	3.28	8.47	6.40	3.80	3.93	3.47	30.98	3.30	5.20	5.02	3.60	6.75	5.45	3.58	3.13	10.03	4.73	3.43
2,370	2,950	3,450	3,135	2,650	3,219	3,050	3,394	3,195	3,150	3,100	2,830	3,300	3,059	2,950	3,822	3,122	2,996	3,131	3,120	2,500	2,723	3,013
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
142	149	143	142	149	132	134	138	128	110	126	126	124	131	118	135	123	122	113	114	113	113	119
8,102	7,190	7,805	7,944	7,836	8,458	9,930	8,469	8,647	8,043	8,119	8,674	8,439	8,466	8,647	8,478	10,438	8,489	8,210	8,345	7,969	8,254	8,294
8,244	7,339	7,948	8,086	7,985	8,590	10,064	8,607	8,775	8,153	8,245	8,800	8,563	8,597	8,765	8,613	10,561	8,611	8,323	8,459	8,082	8,367	8,413
8,591	7,625	8,280	8,421	8,306	8,937	10,400	8,945	9,126	8,481	8,575	9,148	8,915	8,937	9,135	8,955	10,936	8,963	8,664	8,796	8,408	8,712	8,756
121,130	121,940	121,940	117,120	125,580	123,400	123,500	124,570	126,580	120,770	121,680	122,900	122,950	124,480	123,080	121,320	124,160	127,080	125,800	126,860	124,000	126,570	125,430
182,580	182,000	182,000	185,220	168,210	182,640	184,820	179,630	184,080	184,500	184,830	182,390	183,370	184,010	189,070	188,550	185,800	186,130	183,830	181,500	187,580	185,820	189,270
303,710	303,940	303,940	302,340	293,790	306,040	308,320	304,200	310,660	305,270	305,510	305,290	306,320	308,490	312,150	309,870	309,960	313,210	309,630	308,360	311,580	312,390	314,700
303,710	303,940	303,940	302,340	293,790	306,040	308,320	304,200	310,660	305,270	305,510	305,290	306,320	308,490	312,150	309,870	309,960	313,210	309,630	308,360	311,580	312,390	314,700
85	73	69	81	81	85	71	61	79	77	76	88	80	85	83	77	78	80	78	84	87	88	84
9,473	9,690	9,803	9,887	9,502	9,271	8,470	7,676	8,811	9,581	8,942	9,680	9,846	9,663	9,693	9,710	9,057	9,266	9,571	10,311	9,764	10,345	10,339
89	79	71	87	81	90	84	85	80	82	81	95	85	93	90	80	91	86	80	87	90	92	88
9,922	10,200	10,025	10,312	9,797	9,782	9,650	9,931	9,840	9,950	9,900	9,986	10,135	10,055	10,262	10,107	9,684	9,734	9,899	10,453	10,200	10,533	10,515
5,900	5,973	6,255	6,644	6,502	5,813	6,510	6,561	6,000	6,681	6,250	5,734	6,039	5,183	5,478	6,366	5,635	5,253	5,905	6,405	5,400	4,390	5,750
5,037	5,950	5,132	5,505	5,854	5,599	5,424	5,291	6,236	5,480	5,158	6,144	5,058	4,715	5,082	4,520	4,513	4,693	4,525	5,305	5,530	5,450	5,355
1.11	1.23	1.12	1.17	1.22	1.19	1.16	1.14	1.27	1.17	1.13	1.26	1.11	1.07	1.12	1.04	1.04	1.06	1.04	1.15	1.18	1.17	1.15
15	13	9	15	15	15	22	15	15	15	14	15	15	15	15	15	18	15	15	15	14	15	15
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8,574	7,689	8,280	8,432	8,274	8,896	7,596	9,045	9,110	8,478	8,563	9,154	8,900	8,925	9,049	8,887	10,926	8,901	8,595	8,749	8,330	8,648	8,693
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	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
9	8	9	9	8	9	11	9	9	9	8	9	9	9	9	9	11	10	9	9	9	9	9

RECEIVED
Office of Oil and Gas
MAY 28 2025
WV Department of
Environmental Protection

13

43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
\$37,599	\$37,926	\$38,452	\$38,116	\$36,970	\$37,611	\$35,857	\$36,811	\$34,997	\$35,567	\$36,519	\$36,432	\$36,111	\$35,779	\$36,502	\$33,230	\$35,232	\$35,554	\$33,960	\$35,780	\$34,964	\$37,644	\$36,074
1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/28/2025	1/29/2025	1/29/2025	1/29/2025	1/29/2025	1/30/2025	1/30/2025	1/30/2025	1/30/2025	1/31/2025	1/31/2025	1/31/2025	1/31/2025	2/1/2025	2/1/2025	2/2/2025	2/2/2025	2/2/2025	2/3/2025
23,497	23,287	23,077	22,867	22,657	22,447	22,237	22,027	21,817	21,607	21,397	21,187	20,977	20,767	20,557	20,347	20,137	19,927	19,717	19,507	19,297	19,087	18,877
23,674	23,464	23,254	23,044	22,834	22,624	22,414	22,204	21,994	21,784	21,574	21,364	21,154	20,944	20,734	20,524	20,314	20,104	19,894	19,684	19,474	19,264	19,054
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
7,435	7,441	7,447	7,453	7,458	7,463	7,468	7,474	7,481	7,488	7,494	7,497	7,500	7,502	7,504	7,507	7,509	7,511	7,514	7,516	7,517	7,518	7,519
522	517	512	508	503	498	494	489	484	480	475	470	466	461	456	452	447	442	438	433	428	424	419
525	521	516	511	507	502	497	493	488	484	479	474	470	465	460	456	451	446	442	437	432	428	423
91.61	91.51	91.60	91.52	91.27	91.52	91.17	91.78	92.14	92.06	91.23	90.63	90.59	90.57	90.73	90.70	90.65	90.64	90.60	90.56	90.47	90.47	89.89
23,586	23,376	23,166	22,956	22,746	22,536	22,326	22,116	21,906	21,696	21,486	21,276	21,066	20,856	20,646	20,436	20,226	20,016	19,806	19,596	19,386	19,176	18,966
1/28/25 10:35	1/28/25 10:54	1/28/25 10:59	1/28/25 11:14	1/28/25 11:19	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31
1/28/25 10:35	1/28/25 10:54	1/28/25 10:59	1/28/25 11:14	1/28/25 11:19	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31	1/28/25 11:31
0.10	0.78	0.88	0.13	0.17	0.73	0.72	0.45	0.45	0.23	0.70	0.56	0.35	0.43	0.38	0.73	0.60	0.40	0.62	0.33	0.57	0.53	0.38
1/28/25 0:41	1/28/25 0:57	1/28/25 0:54	1/28/25 1:00	1/28/25 1:03	1/28/25 1:03	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04	1/28/25 1:04
1/28/25 1:51	1/28/25 11:37	1/28/25 10:11	1/28/25 10:00	1/28/25 11:56	1/28/25 10:49	1/28/25 10:44	1/28/25 10:47	1/28/25 10:36	1/28/25 10:36	1/28/25 10:31	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30	1/28/25 10:30
7.17	4.67	2.73	6.03	3.60	4.93	5.23	2.90	2.82	4.65	6.22	2.50	2.55	2.57	2.55	4.67	7.93	12.87	11.50	8.75	4.00	4.82	7.22
3,150	2,946	3,049	2,942	3,473	3,315	3,210	3,361	3,205	4,152	2,800	3,327	3,322	3,479	3,944	3,229	1,868	2,050	1,558	2,300	2,367	2,908	2,450
33	33	33	33	33	33	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
116	120	112	116	115	115	113	116	117	109	112	107	101	112	98	98	100	98	94	95	91	92	95
8,215	8,213	8,458	8,234	8,139	8,192	8,146	7,705	7,474	7,412	7,948	7,484	7,383	7,335	7,944	7,227	7,766	7,856	7,607	7,543	7,409	7,953	8,101
8,331	8,333	8,570	8,350	8,254	8,307	8,259	7,821	7,591	7,520	8,060	7,591	7,484	7,447	8,042	7,325	7,866	7,954	7,701	7,638	7,500	8,045	8,196
8,671	8,665	8,921	8,692	8,590	8,662	8,613	8,174	7,926	7,852	8,426	7,930	7,820	7,799	8,445	7,655	8,217	8,323	8,048	7,990	7,840	8,411	8,573
125,840	118,040	123,720	123,700	123,360	120,840	117,760	124,440	127,400	122,800	122,750	126,180	145,720	122,140	120,880	127,140	126,440	125,240	123,800	125,400	123,860	124,824	124,360
185,630	188,850	181,030	187,690	183,020	191,470	186,200	190,820	188,280	184,780	185,650	186,540	165,480	211,290	206,120	168,380	183,130	185,340	181,950	183,890	182,920	209,850	187,330
311,670	306,890	304,750	311,390	306,380	312,310	303,960	315,260	315,680	307,580	307,900	312,720	311,200	333,430	327,000	295,520	309,570	310,580	305,750	309,290	306,780	334,774	311,690
311,470	306,890	304,750	311,390	306,380	312,310	303,960	315,260	315,680	307,580	307,900	312,720	311,200	333,430	327,000	295,520	309,570	310,580	305,750	309,290	306,780	334,774	311,690
85	85	85	84	84	84	86	86	86	84	90	91	82	90	87	91	85	97	91	96	90	94	98
9,838	9,336	9,498	9,596	9,657	9,731	9,657	9,223	9,734	9,468	9,943	9,659	9,616	9,949	9,520	9,608	9,634	9,712	9,560	10,138	9,779	9,055	9,621
89	90	86	85	85	85	91	90	90	91	95	95	91	97	92	97	97	100	95	100	100	98	100
9,950	10,021	10,540	10,156	9,889	9,945	9,965	9,746	9,958	9,965	10,545	10,124	9,925	10,247	9,925	10,090	9,940	10,050	10,081	10,445	10,245	9,980	10,115
5,850	6,152	6,090	6,320	6,828	7,030	5,310	6,359	6,774	5,883	5,500	6,566	6,191	5,999	6,068	5,785	5,618	5,135	6,329	6,215	6,740	6,350	6,085
5,000	4,331	5,260	5,425	5,780	5,000	5,000	5,276	5,022	5,200	5,130	5,006	4,852	4,612	4,900	4,890	4,378	4,750	4,768	5,000	5,210	4,935	5,100
1.10	1.01	1.14	1.16	1.21	1.10	1.10	1.14	1.11	1.13	1.12	1.11	1.08	1.05	1.09	1.09	1.02	1.07	1.10	1.13	1.10	1.10	1.12
15	16	15	15	15	14	15	14	14	13	15	14	14	14	15	13	15	15	15	14	11	15	16
3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8,581	8,623	8,875	8,662	8,562	8,816	8,652	8,189	7,969	7,864	8,412	8,005	7,866	7,855	8,428	7,695	8,232	8,302	8,081	8,000	7,828	8,443	8,572
1,400	1,400	1,400	1,400	1,400	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
9	9	9	9	9	9	9	8	8	8	9	8	8	8	9	8	9	9	9	8	7	9	9

RECEIVED
 Office of Oil and Gas
 MAY 28 2025
 WV Department of
 Environmental Protection

2

66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89
\$35,159	\$36,884	\$36,171	\$37,646	\$37,246	\$35,236	\$37,128	\$35,464	\$36,595	\$32,154	\$37,789	\$37,667	\$34,311	\$35,669	\$38,818	\$37,405	\$28,153	\$33,015	\$34,401	\$37,638	\$36,822	\$33,440	\$32,407	\$33,514
2/3/2025	2/3/2025	2/4/2025	2/4/2025	2/4/2025	2/4/2025	2/5/2025	2/5/2025	2/5/2025	2/6/2025	2/6/2025	2/7/2025	2/7/2025	2/7/2025	2/7/2025	2/8/2025	2/8/2025	2/8/2025	2/9/2025	2/9/2025	2/10/2025	2/11/2025	2/11/2025	2/11/2025
18,667	18,457	18,247	18,037	17,827	17,617	17,407	17,197	16,987	16,777	16,567	16,357	16,147	15,937	15,727	15,517	15,307	15,097	14,887	14,677	14,467	14,257	14,047	13,837
18,844	18,634	18,424	18,214	18,004	17,794	17,584	17,374	17,164	16,954	16,744	16,534	16,324	16,114	15,904	15,694	15,484	15,274	15,064	14,854	14,644	14,434	14,224	14,014
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
7,518	7,518	7,520	7,521	7,523	7,525	7,526	7,528	7,529	7,531	7,533	7,535	7,537	7,538	7,539	7,540	7,542	7,544	7,545	7,547	7,549	7,551	7,553	7,554
414	410	405	400	396	391	386	382	377	372	368	363	358	354	349	344	340	335	330	326	321	316	312	307
418	414	409	404	400	395	390	386	381	376	372	367	362	358	353	348	344	339	334	330	325	320	316	311
89.82	90.41	90.36	90.40	90.49	90.42	90.48	90.46	90.42	90.51	90.70	90.66	90.58	89.90	90.35	90.27	90.60	90.49	90.32	90.58	90.51	90.42	90.41	90.76
18,756	18,546	18,336	18,126	17,916	17,706	17,496	17,286	17,076	16,866	16,656	16,446	16,236	16,026	15,816	15,606	15,396	15,186	14,976	14,766	14,556	14,346	14,136	13,926
2/2/25 11:54	2/2/25 11:54	2/2/25 12:14	2/2/25 12:49	2/2/25 13:40	2/2/25 14:29	2/2/25 15:08	2/2/25 15:55	2/2/25 16:30	2/2/25 17:10	2/2/25 17:55	2/2/25 18:35	2/2/25 19:20	2/2/25 20:05	2/2/25 20:50	2/2/25 21:35	2/2/25 22:20	2/2/25 23:05	2/2/25 23:50	2/2/25 24:35	2/2/25 25:20	2/2/25 26:05	2/2/25 26:50	
2/2/25 18:54	2/2/25 19:11	2/2/25 19:26	2/2/25 19:41	2/2/25 19:56	2/2/25 20:11	2/2/25 20:26	2/2/25 20:41	2/2/25 20:56	2/2/25 21:11	2/2/25 21:26	2/2/25 21:41	2/2/25 21:56	2/2/25 22:11	2/2/25 22:26	2/2/25 22:41	2/2/25 22:56	2/2/25 23:11	2/2/25 23:26	2/2/25 23:41	2/2/25 23:56	2/2/25 24:11	2/2/25 24:26	
0.50	0.50	0.37	0.30	0.53	0.32	0.32	0.57	0.52	0.13	0.53	0.36	8.98	0.47	0.28	0.25	0.43	0.47	0.43	0.23	0.22	0.37	0.38	0.20
2/2/25 18:54	2/2/25 19:11	2/2/25 19:26	2/2/25 19:41	2/2/25 19:56	2/2/25 20:11	2/2/25 20:26	2/2/25 20:41	2/2/25 20:56	2/2/25 21:11	2/2/25 21:26	2/2/25 21:41	2/2/25 21:56	2/2/25 22:11	2/2/25 22:26	2/2/25 22:41	2/2/25 22:56	2/2/25 23:11	2/2/25 23:26	2/2/25 23:41	2/2/25 23:56	2/2/25 24:11	2/2/25 24:26	
2/2/25 18:54	2/2/25 19:11	2/2/25 19:26	2/2/25 19:41	2/2/25 19:56	2/2/25 20:11	2/2/25 20:26	2/2/25 20:41	2/2/25 20:56	2/2/25 21:11	2/2/25 21:26	2/2/25 21:41	2/2/25 21:56	2/2/25 22:11	2/2/25 22:26	2/2/25 22:41	2/2/25 22:56	2/2/25 23:11	2/2/25 23:26	2/2/25 23:41	2/2/25 23:56	2/2/25 24:11	2/2/25 24:26	
4.75	6.75	5.85	7.25	5.65	4.30	5.62	8.18	4.85	30.77	13.60	30.00	1.52	2.78	4.52	4.02	2.00	5.77	8.38	6532.00	4.53	6.53	3.85	5.13
3,130	3,022	2,882	2,900	3,484	3,575	3,500	3,100	3,020	2,955	3,025	3,130	3,160	3,556	3,559	3,304	2,505	3,125	3,078	2,655	3,553	3,230	3,900	3,733
24	24	24	24	24	24	24	18	18	18	18	12	12	12	12	12	12	12	12	12	12	12	12	12
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
87	88	89	83	87	86	85	81	84	82	85	82	79	76	77	74	73	80	75	69	69	3	67	70
7,939	7,914	7,911	8,370	7,914	7,914	8,393	7,646	8,112	8,006	8,319	8,633	7,849	7,736	8,315	8,114	7,249	7,212	7,776	8,635	7,830	6,919	7,232	7,430
8,026	8,002	8,000	8,453	8,001	8,000	8,478	7,727	8,196	8,088	8,404	8,715	7,928	7,812	8,392	8,188	7,322	7,292	7,851	8,704	7,899	6,922	7,299	7,500
8,357	8,369	8,356	8,815	8,362	8,357	8,828	8,040	8,533	8,405	8,758	9,098	8,270	8,150	8,754	8,542	7,649	7,626	8,194	9,049	8,247	7,273	7,650	7,818
121,360	124,980	126,040	127,260	126,110	124,360	122,700	125,700	128,380	125,040	124,620	127,240	128,280	120,060	124,820	129,620	125,670	125,300	122,780	126,110	127,220	146,850	123,120	127,000
186,130	193,561	184,440	189,720	188,340	185,290	183,500	184,190	185,780	167,300	193,150	191,100	191,500	186,530	204,970	190,800	184,950	189,110	206,100	215,850	207,780	185,890	188,870	185,680
307,490	318,541	310,480	316,980	314,450	309,650	306,200	309,890	314,160	292,240	317,770	318,340	319,780	305,590	329,790	320,420	310,620	314,410	328,680	341,970	335,000	332,740	311,990	312,680
307,490	318,541	310,480	316,980	314,450	309,650	306,200	309,890	314,160	292,240	317,770	318,340	319,780	305,590	329,790	320,420	310,620	314,410	328,680	341,970	335,000	332,740	311,990	312,680
99	93	91	99	95	95	99	93	86	86	91	97	99	93	97	99	98	98	98	97	98	99	98	98
9,949	9,529	9,261	10,095	9,585	9,545	9,993	9,911	8,735	8,882	9,076	9,606	9,569	9,136	9,447	8,854	9,231	9,635	8,761	8,650	8,735	8,763	8,901	9,025
100	98	96	100	98	96	100	99	94	93	95	100	100	94	100	100	100	100	100	100	100	100	100	100
10,200	10,109	9,949	10,280	10,031	9,885	10,305	10,350	9,182	9,165	9,427	9,805	9,890	9,940	9,942	9,520	9,480	9,662	9,527	9,014	9,065	9,279	10,186	
5,975	6,155	5,993	6,280	6,444	6,318	6,327	6,250	6,082	6,364	6,253	6,750	6,655	6,269	6,330	6,301	5,685	6,670	6,331	6,301	6,657	6,370	6,175	5,882
5,325	5,825	4,769	5,200	5,881	4,633	5,000	4,500	5,391	5,000	5,970	4,800	5,300	4,541	4,369	5,200	5,230	5,200	5,544	5,504	5,397	5,700	5,800	5,719
1.15	1.22	1.07	1.13	1.22	1.06	1.10	1.04	1.16	1.10	1.24	1.08	1.15	1.04	1.02	1.13	1.14	1.13	1.18	1.17	1.16	1.20	1.21	1.20
15	15	15	16	15	15	15	15	15	16	15	17	15	15	16	16	14	14	15	17	15	14	14	14
2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8,381	8,394	8,364	8,866	8,375	8,356	8,861	8,047	8,562	8,505	8,840	9,129	8,328	8,151	8,804	8,640	7,650	7,572	8,183	9,119	8,255	7,559	7,587	7,817
1,000	1,000	1,000	1,000	1,000	1,000	1,000	750	750	750	750	500	500	500	500	500	500	500	500	500	500	500	500	500
9	9	9	10	9	9	10	9	9	9	9	10	9	9	10	9	8	8	9	10	9	8	8	9

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90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	Total/Avg
\$24,752	\$35,810	\$33,588	\$33,899	\$25,387	\$33,505	\$33,360	\$38,590	\$34,957	\$34,438	\$33,045	\$35,040	\$36,047	\$35,364	\$35,421	\$35,528	\$36,276	\$34,819	\$35,769	\$38,136	\$36,095	\$35,884	\$36,204	\$4,149,689
2/12/2025	2/12/2025	2/12/2025	2/12/2025	2/13/2025	2/13/2025	2/14/2025	2/14/2025	2/14/2025	2/15/2025	2/15/2025	2/15/2025	2/16/2025	2/16/2025	2/17/2025	2/17/2025	2/18/2025	2/18/2025	2/19/2025	2/19/2025	2/20/2025	2/20/2025		
13,627	13,417	13,207	12,997	12,787	12,577	12,367	12,157	11,947	11,737	11,527	11,317	11,107	10,897	10,687	10,477	10,267	10,057	9,847	9,637	9,427	9,217	9,007	9,007
13,804	13,594	13,384	13,174	12,964	12,754	12,544	12,334	12,124	11,914	11,704	11,494	11,284	11,074	10,864	10,654	10,444	10,234	10,024	9,814	9,604	9,394	9,184	32,416
36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	4014
0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	
7,557	7,561	7,567	7,571	7,575	7,578	7,581	7,584	7,585	7,586	7,587	7,588	7,589	7,591	7,593	7,596	7,598	7,601	7,604	7,606	7,607	7,606	7,606	7,444
302	298	293	288	284	279	274	270	265	261	256	251	247	242	237	233	228	223	219	214	209	205	200	
306	302	297	292	288	283	278	274	269	264	260	255	250	246	241	236	232	227	222	218	213	209	204	
90.80	91.40	91.03	91.30	90.95	91.05	90.69	90.34	90.28	90.37	90.35	90.03	90.28	90.52	90.97	90.73	90.56	90.80	90.73	90.71	89.68	89.98	90.05	
13,716	13,506	13,296	13,086	12,875	12,665	12,456	12,246	12,036	11,826	11,616	11,406	11,196	10,984	10,776	10,566	10,356	10,146	9,936	9,726	9,516	9,306	9,096	
2/12/25 6:06	2/12/25 10:20	2/12/25 18:07	2/12/25 21:51	2/12/25 4:46	2/12/25 18:01	2/12/25 18:59	2/14/25 8:01	2/14/25 10:30	2/12/25 1:57	2/12/25 9:00	2/12/25 16:17	2/12/25 21:49	2/14/25 5:06	2/14/25 11:34	2/12/25 5:08	2/12/25 21:29	2/14/25 7:26	2/14/25 14:14	2/14/25 21:18	2/12/25 7:13	2/20/25 1:59	2/20/25 1:59	12/11/2021
2/12/25 6:17	2/12/25 14:50	2/12/25 18:62	2/12/25 21:10	2/12/25 15:25	2/12/25 11:14	2/14/25 8:21	2/14/25 20:54	2/12/25 4:20	2/12/25 9:01	2/12/25 16:42	2/12/25 21:05	2/14/25 5:08	2/14/25 11:46	2/12/25 5:01	2/12/25 21:53	2/14/25 7:45	2/14/25 14:35	2/14/25 21:37	2/12/25 20:47	2/20/25 1:29	2/20/25 1:45	2/20/25 1:45	2/20/25 1:45
0.20	1.50	0.42	0.45	0.45	0.42	0.40	0.45	0.45	0.38	0.72	0.42	0.42	0.97	0.43	0.85	0.40	0.32	0.35	0.37	0.35	0.35	0.35	0.72
2/12/25 8:37	2/12/25 14:30	2/12/25 18:52	2/12/25 21:51	2/12/25 15:13	2/12/25 10:26	2/12/25 11:14	2/14/25 20:54	2/12/25 1:30	2/12/25 9:40	2/12/25 16:42	2/12/25 21:05	2/14/25 5:08	2/14/25 11:46	2/12/25 5:01	2/12/25 21:53	2/14/25 7:45	2/14/25 14:35	2/14/25 21:37	2/12/25 20:47	2/20/25 1:29	2/20/25 1:45	2/20/25 1:45	2/20/25 1:45
2/12/25 7:16	2/12/25 12:10	2/12/25 17:34	2/12/25 21:10	2/12/25 14:41	2/12/25 9:40	2/14/25 8:53	2/14/25 20:54	2/12/25 1:30	2/12/25 9:40	2/12/25 16:42	2/12/25 21:05	2/14/25 5:08	2/14/25 11:46	2/12/25 5:01	2/12/25 21:53	2/14/25 7:45	2/14/25 14:35	2/14/25 21:37	2/12/25 20:47	2/20/25 1:29	2/20/25 1:45	2/20/25 1:45	2/20/25 1:45
6.98	2.33	3.70	1.80	9.47	6.23	16.65	15.08	1.77	4.83	4.65	4.87	5.00	12.65	7.63	15.20	5.17	6.42	7.72	18.57	1.78	6.52	5.08	66.65
3,463	3,633	4,114	3,741	3,254	3,486	4,050	3,661	3,562	3,818	3,497	3,400	3,390	3,025	2,915	2,850	3,325	3,057	3,115	2,676	3,187	3,233	3,331	3,005
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	2,451
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	669
35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
64	84	60	63	61	64	58	58	59	60	57	63	49	47	50	41	45	45	43	43	42	43	37	11,510
7,762	7,894	7,525	7,670	6,814	7,595	7,192	10,153	7,557	7,882	7,749	8,375	8,348	8,367	8,280	8,408	8,418	8,318	8,305	9,294	8,267	8,605	8,616	929,534
7,826	7,978	7,585	7,733	6,875	7,659	7,250	10,211	7,616	7,942	7,806	8,438	8,397	8,414	8,330	8,449	8,463	8,363	8,348	9,337	8,309	8,648	8,653	941,044
8,168	8,315	7,916	8,068	7,139	7,993	7,556	10,541	7,947	8,255	8,098	8,781	8,739	8,763	8,672	8,796	8,805	8,692	8,678	9,681	8,638	8,999	9,011	979,668
119,520	126,720	123,980	122,720	119,560	124,380	119,140	125,150	122,380	124,140	123,880	123,660	119,580	125,960	125,220	123,940	123,860	121,000	121,680	124,480	121,980	124,620	125,740	13,884,684
192,690	186,010	187,730	187,220	112,270	185,430	183,000	166,680	208,660	185,030	187,000	189,100	185,410	186,440	187,320	183,980	184,290	167,040	186,840	187,620	188,170	189,250	189,940	20,741,252
312,210	312,730	311,710	309,940	331,830	310,810	302,140	291,830	331,020	309,170	310,880	312,760	304,990	312,400	312,540	307,920	308,150	288,040	308,520	312,100	310,150	313,870	315,680	34,625,936
312,210	312,730	311,710	309,940	331,830	310,810	302,140	291,830	331,020	309,170	310,880	312,760	304,990	312,400	312,540	307,920	308,150	288,040	308,520	312,100	310,150	313,870	315,680	34,625,936
94	93	90	84	92	89	88	82	84	89	91	70	86	62	91	84	95	90	89	86	90	89	86	86
8,414	8,106	8,663	8,510	8,968	8,852	9,040	8,706	8,729	8,720	8,921	6,928	8,468	6,329	8,722	8,045	9,099	9,271	8,443	6,231	6,042	7,699	7,662	9,254
95	95	91	91	95	91	90	91	85	92	92	90	87	85	91	90	100	90	90	90	91	90	90	100
8,623	9,105	9,400	9,600	9,989	9,085	10,118	10,955	9,435	9,333	9,656	9,100	8,694	8,950	8,964	8,750	9,889	9,899	8,704	8,707	8,250	7,880	7,833	11,035
6,373	6,105	6,200	6,576	6,747	6,703	6,450	6,721	6,224	6,535	7,356	6,562	6,719	6,212	5,968	5,950	6,044	5,994	5,822	6,495	6,340	5,837	6,237	6,043
5,707	5,155	5,530	5,815	6,134	6,198	5,980	5,902	6,575	6,364	5,977	5,680	4,711	5,350	4,638	6,550	4,909	5,451	5,211	6,150	5,842	6,084	6,048	5,220
1.20	1.13	1.18	1.21	1.23	1.27	1.24	1.23	1.32	1.29	1.27	1.20	1.07	1.15	1.06	1.31	1.09	1.17	1.13	1.26	1.22	1.25	1.25	1.13
15	15	15	15	14	15	15	17	14	16	15	15	17	15	17	16	17	16	17	18	17	17	17	1,721
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	206
8,192	8,349	7,807	7,963	7,087	7,884	7,497	10,542	7,864	8,342	8,168	8,708	8,734	8,721	8,596	8,719	8,736	8,643	8,649	9,673	8,640	9,013	9,053	978,083
500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	102,950
9	10	8	9	8	9	8	10	9	10	9	8	10	8	10	9	10	10	10	10	10	10	10	1,021

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Well Name:

RITER WTZ 1H

47103036430000

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)
Base of Fresh Water	0	0	419	419
Top of Salt Water	1973	1901	NA	NA
Pittsburgh Coal	1276	1270	1289	1282
Pottsville (ss)	1362	1352	1397	1386
Raven Cliff (ss)	1711	1675	2122	2027
Maxton (ss)	2122	2027	2576	2414
Big Injun (ss)	2591	2427	2917	2708
Berea (siltstone)	3328	3075	3358	3101
Rhinestreet (shale)	7734	6766	8193	7187
Cashaqua (shale)	8193	7187	8359	7323
Middlesex (shale)	8359	7323	8511	7429
Burket (shale)	8511	7429	8558	7458
Tully (ls)	8558	7458	8606	7486
Mahantango (shale)	8606	7486	8882	7590
Marcellus (shale)	8882	7590	NA	NA

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	01/01/2025
Job End Date:	02/20/2025
State:	West Virginia
County:	Wetzel
API Number:	47-103-03643-00-00
Operator Name:	Expand Operating LLC
Well Name and Number:	RITER WTZ 1H
Latitude:	39.702803
Longitude:	-80.569749
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	7606.85
Total Base Water Volume (gal)*:	39420898
Total Base Non Water Volume:	145669.3



Water Source	Percent
Surface Water, < 1000TDS	100.00%
Produced Water	0.00%

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					
FERRIPLEX 80	Expand Completion Services	Iron Control Agent					
FSTI-CI-02	Expand Completion Services	Corrosion Inhibitor					
Hydrochloric Acid	Expand Completion Services	Solvent					
PLEXSLICK 930	Expand Completion Services	Friction Reducer					
Plexslick CX 810	Expand Completion Services	Friction Reducer					
Sand	Expand Completion Services	Proppant					

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09/12/2025

Stimsolv SI 680 HC	Expand Completion Services	Scale Inhibitor					
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	90.35082	
			Crystalline Silica, Quartz	14808-60-7	100.00000	9.48908	
			HYDROCHLORIC ACID	7647-01-0	37.00000	0.09321	
			Copolymer of 2-propenamide	Proprietary	60.00000	0.02773	
			Isoalkanes	64742-47-8	30.00000	0.01274	
			Hydrotreated light distillate	64742-47-8	30.00000	0.01075	
			Surfactant	Proprietary	3.00000	0.00396	
			Oleic Acid Diethanolamide	93-83-4	5.00000	0.00269	
			Phosphonium, tetrakis(hydroxymethyl)-, sulfate (2:1)	55566-30-8	50.00000	0.00252	
			Ethoxylated Tridecanol	Proprietary	2.50000	0.00212	
			Diethylenetriamine penta (methylene phosphonic acid)	15827-60-8	10.00000	0.00139	
			Sodium erythorbate	6381-77-7	98.00000	0.00132	
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	10.00000	0.00050	
			Ethanol	64-17-5	1.50000	0.00025	
			Ammonium chloride	12125-02-9	5.00000	0.00021	
			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

09/12/2025

**** 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)

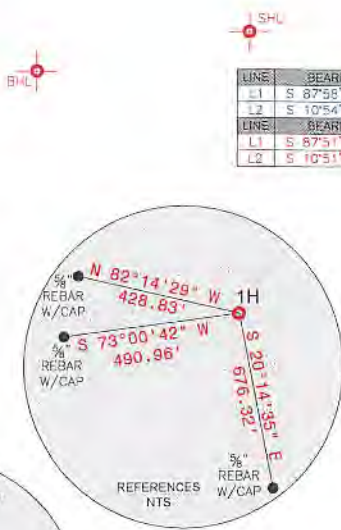
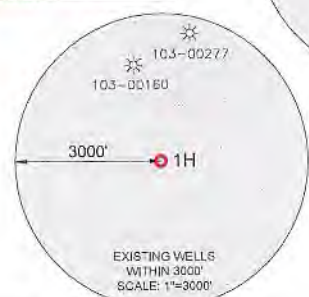
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SURVEYOR/ENGINEER: 1-304-833-3403
1700 ANMOORE RD.
BRIDGEPORT, WV 26330

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,394,869.975
EASTING: 536,901.382
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,394,587.819 1
EASTING: 537,779.031
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,399,310.286
EASTING: 532,422.066
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,394,870.210
EASTING: 536,901.748
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,394,601.089
EASTING: 537,779.381
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,399,311.033
EASTING: 532,424.102



LINE	BEARING	DISTANCE	DESCRIPTION	MONUMENT
L1	S 87°58'45" E	432.34'	SHL TO MONUMENT	POST
L2	S 10°54'25" E	1,277.97'	SHL TO MONUMENT	POST
L1	S 87°51'55" E	431.28'	SHL TO MONUMENT	POST
L2	S 10°51'07" E	1,278.57'	SHL TO MONUMENT	POST

LINE	BEARING	DISTANCE	WELL LENGTH	DEPTH (FT)
L3	S 72°46'17" E	3,014.69'	4,290.87'	SHL TO LPL
L4	N 47°01'51" W	20,262.43'	20,262.43'	LPL TO AZL1
L5	N 55°38'41" W	578.11'	580.34'	AZL1 TO AZL2
L6	N 64°21'05" W	855.88'	855.88'	AZL2 TO AZL3
L7	N 60°42'33" W	244.32'	244.32'	AZL3 TO AZL4
L8	N 57°04'09" W	1,533.38'	1,533.38'	AZL4 TO BHL

WELL RESTRICTIONS

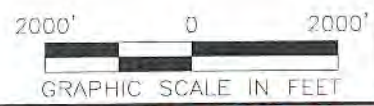
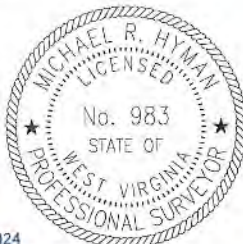
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE 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.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE SPECIFIED.

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 *Michael R. Hyman* 10-30-2024



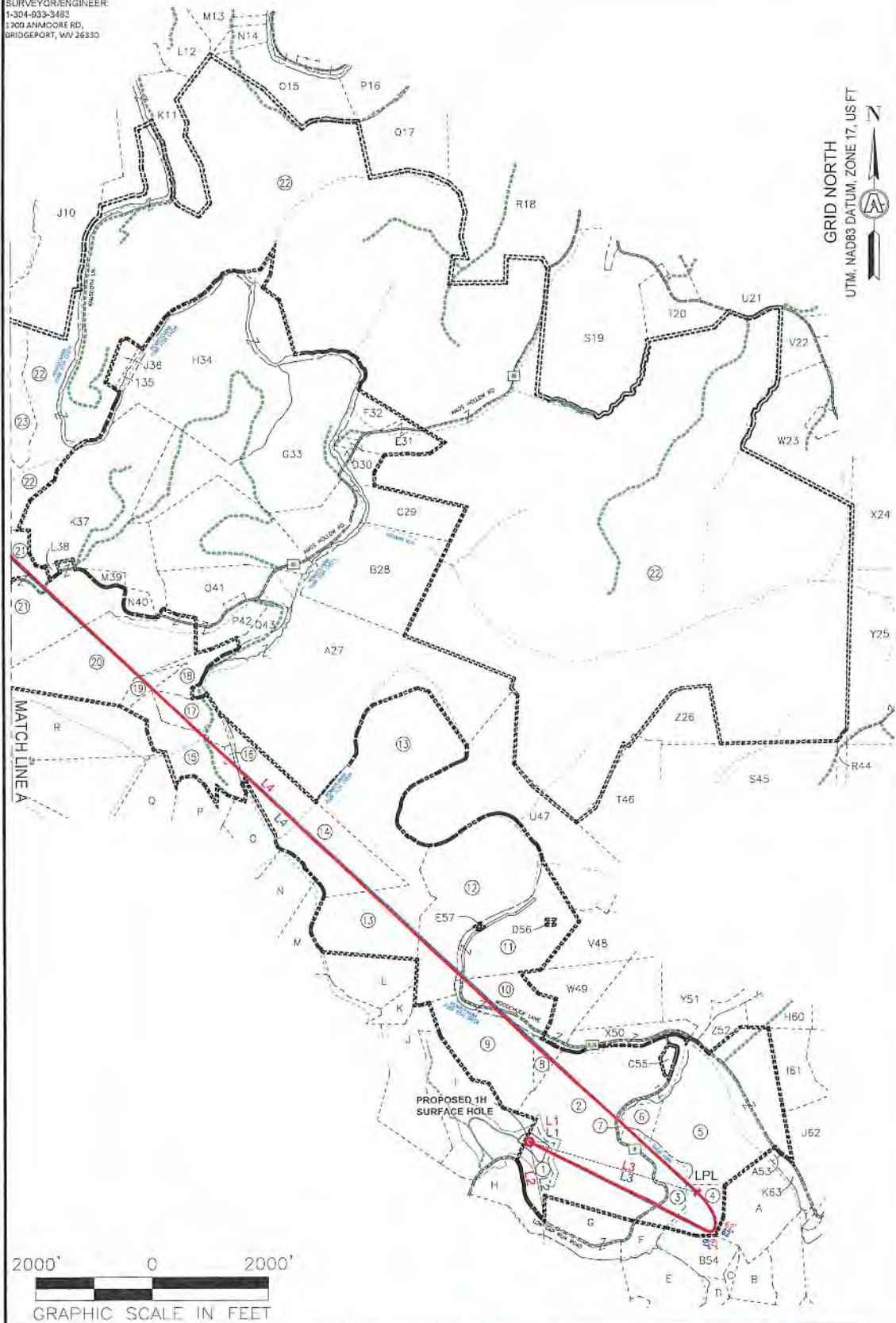
	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	RITER WTZ 1H		
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	API WELL #:	47	103 03643
WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒			ELEVATION: 1,411.13		
WATERSHED: UPPER OHIO-WHEELING			QUADRANGLE: LITTLETON		
DISTRICT: CENTER COUNTY: WETZEL			ACREAGE: ±63.55		
SURFACE OWNER: HARRY RITER, JR. & VIOLET R. MENAS			ACREAGE: ±63.55		
OIL & GAS ROYALTY OWNER: CONSOL ENERGY ATTN: CASEY SAUNDERS			ESTIMATED DEPTH: 7,607 TVD 32.518 IMD		
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					
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC			DESIGNATED AGENT: BRITANY 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 FLOOD PLAIN			REVISIONS: DATE: 10-30-2024 DRAWN BY: TMF SCALE: 1" = 2000' DRAWING NO: 2549 WELL LOCATION: 103-00160		

RECEIVED
Office of Oil and Gas
MAY 28 2025
WV Department of
Environmental Protection

09/12/2025



SURVEYOR/ENGINEER:
1-304-933-3462
1700 ANAMORE RD,
BRIDGEPORT, WV 26330

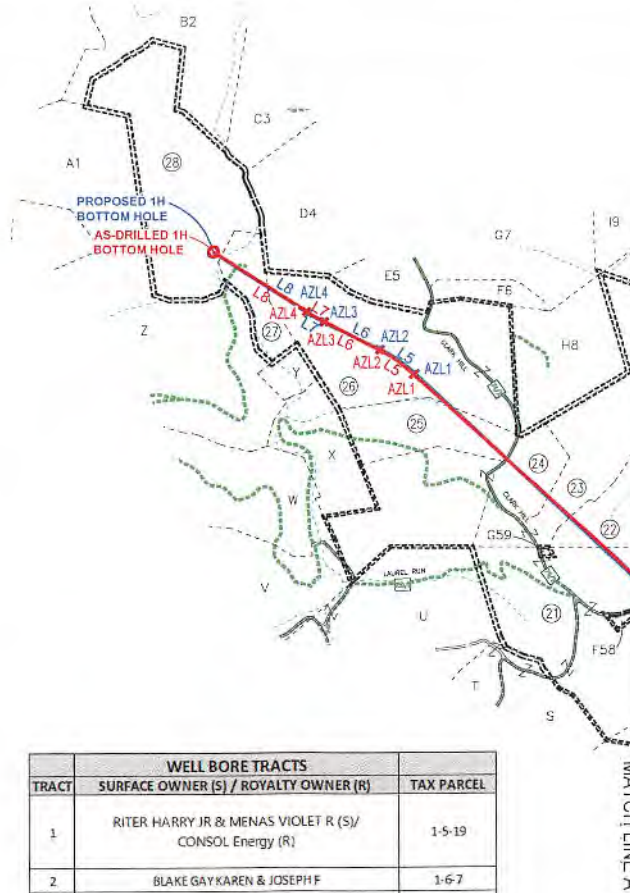


REVISIONS:		COMPANY:		DATE: 10-30-2024	
		SWN Production Company, LLC		DRAWN BY: TMF	
		OPERATOR'S		SCALE: 1"=2000'	
		WELL #:		DRAWING NO. 2501169754	
		DISTRICT:		WELL LOCATION PLAT 2	
		CENTER			
		COUNTY:	STATE:		
		WETZEL	WV		



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

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



WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RITER HARRY JR & MENAS VIOLET R (S)/ CONSOL Energy (R)	1-5-19
2	BLAKE GAY KAREN & JOSEPH F	1-6-7
3	S&R INVESTMENTS	1-6-11
4	S&R INVESTMENTS	3-1-25
5	S&R INVESTMENTS	3-1-23
6	SHOWALTER THOMAS HRS	3-1-24
7	CONSOLIDATED GAS TRANS CORP	3-1-36
8	KOONTZ MICHAEL L KUHN SHAUN D	1-5-34
9	KOONTZ MICHAEL L KUHN SHAUN D	1-5-18
10	SEIDLER BRIAN	1-15-11
11	SEIDLER BRIAN	1-5-10
12	SEIDLER E DALE & NETTIE L	1-2-6,2
13	WV STATE COMMERCE BUREAU OF NAT RESOURCE DIVISION	1-2-6
14	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12
15	FERDA BRIAN T ET UX	7-27-15
16	FITZSIMMONS SCOTT M ET AL	7-27-14
17	FERDA BRIAN T ET UX	7-27-16
18	GEHO ANNIE L EST	7-27-21
19	W VA WILDLIFE RESOURCES	7-27-17
20	SCHANCK JOSEPH L	7-27-18
21	RIGGS JOHN E JR & DELANA	7-27-2
22	W VA WILDLIFE RESOURCES	7-24-1
23	MORGAN JAMES E - LIFE	7-26-14
24	MORGAN JAMES E - LIFE	7-28-4
25	MORGAN JAMES E - LIFE	7-28-3
26	HORNER JOHN M & TERESA L	7-19-36
27	HORNER JOHN M & TERESA L	7-19-33
28	MASON DIXON FARMS LLC	7-18-7

2000' 0 2000'
GRAPHIC SCALE IN FEET

REVISIONS:	COMPANY:	SWN Production Company, LLC		SWN <i>R-V+0</i> Production Company™
	OPERATOR'S	RITER WTZ		DATE: 10-30-2024
	WELL #:	1H		DRAWN BY: TMF
	DISTRICT:	COUNTY:	STATE:	SCALE: 1"=2000'
	CENTER	WETZEL	WV	DRAWING NO: 2501169735
				WELL LOCATION PLAT 3

09/12/2025

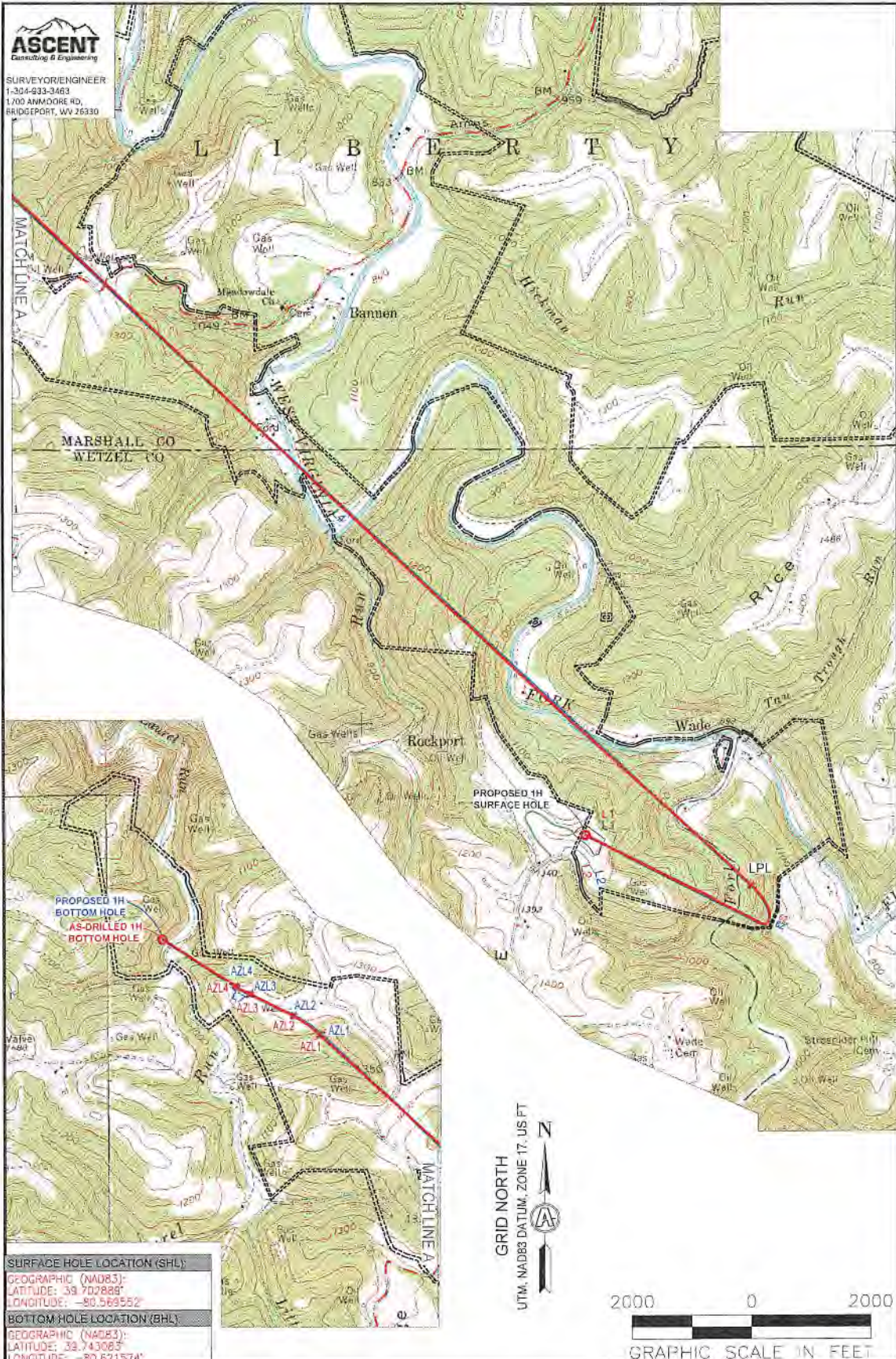


SURVEYOR/ENGINEER: 1-304-933-5453
1700 ANMOORE RD,
BRIDGEFORD, WV 26330

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WAYNE CARMINT REALTY LLC	3-1-26
B	WAYNE CARMINT REALTY LLC	3-5-2
C	WAYNE CARMINT REALTY LLC	3-5-2.1
D	LIBERTY HOLDING CO	3-5-32.2
E	GREEN JOSEPH A JR GREEN CHRISTOPHER S	1-6-13
F	S&R INVESTMENTS	1-6-10
G	GORBY STEPHEN H & BETH ANN	1-5-30
H	RITER HARRY JR MENAS VIOLET R	1-5-20
I	RITER HARRY JR MENAS VIOLET R	1-5-17
J	KOONTZ MICHAEL L KUHN SHAUN D	1-5-17.1
K	BROWN NEILA TRUST	1-5-9
L	WV STATE OF COMM BUREAU OF NATURAL RESOURCES DIVISION	1-5-9.1
M	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	1-2-9
N	RINE LARRY ETAL	1-2-8
O	FERDA BRIAN T	1-2-5.1
P	MCINTIRE STEPHEN ROSS	1-2-5
Q	FERDA BRIAN T & VI-EVA	1-2-4
R	WADE EDWARD E JR	7-27-20
S	MICELI VINCENTO ET UX	7-28-6
T	COX CHRISTOPHER & NIKKI	7-28-7
U	RICHMOND MATTHEW ALLAN	7-28-5
V	RICHMOND CARL R & EILENE R	7-28-13
W	HARLAN SCOTT L & SHAWN D	7-28-1
X	MASON DIXON FARMS LLC	7-28-2
Y	BLAIR M ZACHARY	7-19-35
Z	BLAIR M ZACHARY	7-18-9
A1	MASON DIXON FARMS LLC	7-18-8.1
B2	MASON DIXON FARMS LLC	7-18-6
C3	MASON DIXON FARMS LLC	7-19-1
D4	HORNER JOHN M & TERESA L	7-19-32
E5	CHAMBERS MARY L	7-19-31
F6	HORNER JOHN M & TERESA L	7-19-30.1
G7	HORNER DELORESE A - LIFE	7-19-30
H8	ROMACK VICTOR A	7-19-38
I9	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-29
J10	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-28
K11	FROMHART BRAD ET UX - LIFE	7-20-41
L12	UNDERDOONK ALAN	7-16-25.1
M13	BURGE JUDITH A & VIRGINIA L BAILEY & SUELLEN MARLING - TOD	7-20-6
N14	GEHO ANNIE L EST	7-20-11
O15	BURLEY AMMON ET UX	7-20-12
P16	BURLEY AMMON	7-20-18
Q17	BURLEY AMMON A	7-20-24
R18	BURLEY AMON A	7-20-37
S19	GRESHAW JASON M & MARY L	7-25-2
T20	BROWN ANDREW C III	7-25-6
U21	HARRINGTON CLYDE F	7-25-7
V22	W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES	7-25-9
W23	CONAWAY THOMAS EARL JR & CAROLYN K STOWE	7-25-12
X24	CONAWAY THOMAS E	7-23-1
Y25	PRENDERGAST MICHAEL J & SUELLEN LEMLEY	7-23-26
Z26	WADE MICHAEL CLAY & MCCLELLAND LAWRENCE W TOD ET AL	7-24-6
A27	VELLEKOOP PETER B ET UX - TOD	7-27-13
B28	VELLEKOOP PETER B ET UX - TOD	7-27-11
C29	VELLEKOOP PETER B ET UX - TOD	7-27-10.1
D30	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
E31	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
F32	GEDEON DANIEL D ET UX	7-26-6
G33	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
H34	CONSOLIDATED GAS SUPPLY CORP	7-26-8
*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.		

TRACT	SURFACE OWNER	TAX PARCEL
I35	BUTLER JOHN M & USA A	7-26-11.1
J36	HUNDRED RESOURCES INC	7-26-11
K37	HORNER DELORESE A	7-26-10
L38	DEBOLD HOWARD L ET UX	7-27-2.2
M39	RIGGS JOHN E & DALENA	7-27-2.1
N40	RIGGS DALENA ET VIR	7-27-3.1
O41	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
P42	OCHSENBEIN RICHARD L	7-27-9
Q43	BURGE DELORES E ET AL	7-27-10
R44	LONG LONNY DAVID & LINDA SUE	1-3-2.1
S45	ABEREGG D W EST & ABEREGG WILLIAM D ETAL L/E ABEREGG DA	1-3-2
T46	WILLIAMS KATHERINE E TRUST	1-3-1
U47	SEIDLER EARL DALE & NETTIE	1-2-6.1
V48	BLACKROCK ENTERPRISES LLC	1-6-1
W49	SEIDLER BRIAN	1-6-3
X50	BERRY LAWRENCE C & DOROTHY J	1-6-8
Y51	MCGUFFIE ARCH	1-6-5
Z52	MILLER HARVEY	3-1-7
A53	WAYNE CARMINT REALTY LLC	3-1-27
B54	S&R INVESTMENTS	3-5-1
C55	CONSOLIDATED GAS TRANSMISSION CORPORATION	1-6-9
D56	UNKNOWN	1-2-11
E57	SEIDLER E DALE & NETTIE L	1-5-10.1
F58	RIGGS JOHN E JR & DELANA	7-27-1
G59	WADE SAMUEL C - TOD	7-27-2.3
H60	MILLIKEN KEVIN R ETAL	3-1-8
I61	PHILLIPS JR CHARLES R	3-1-22
J62	WAYNE CARMINT REALTY LLC	3-1-29
K63	WAYNE CARMINT REALTY LLC	3-1-28
*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.		

REVISIONS:	COMPANY:	DATE: 10-30-2024	
	SWN Production Company, LLC	DRAWN BY: TW	
	OPERATOR'S	SCALE: N/A	
	WELL #:	DRAWING NO. 09/12/2025	
	DISTRICT:	COUNTY:	WELL LOCATION PLAT 4
	CENTER	WETZEL	
		STATE:	
		WV	



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.702888°
LONGITUDE: -80.569552°

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.743083°
LONGITUDE: -80.621574°

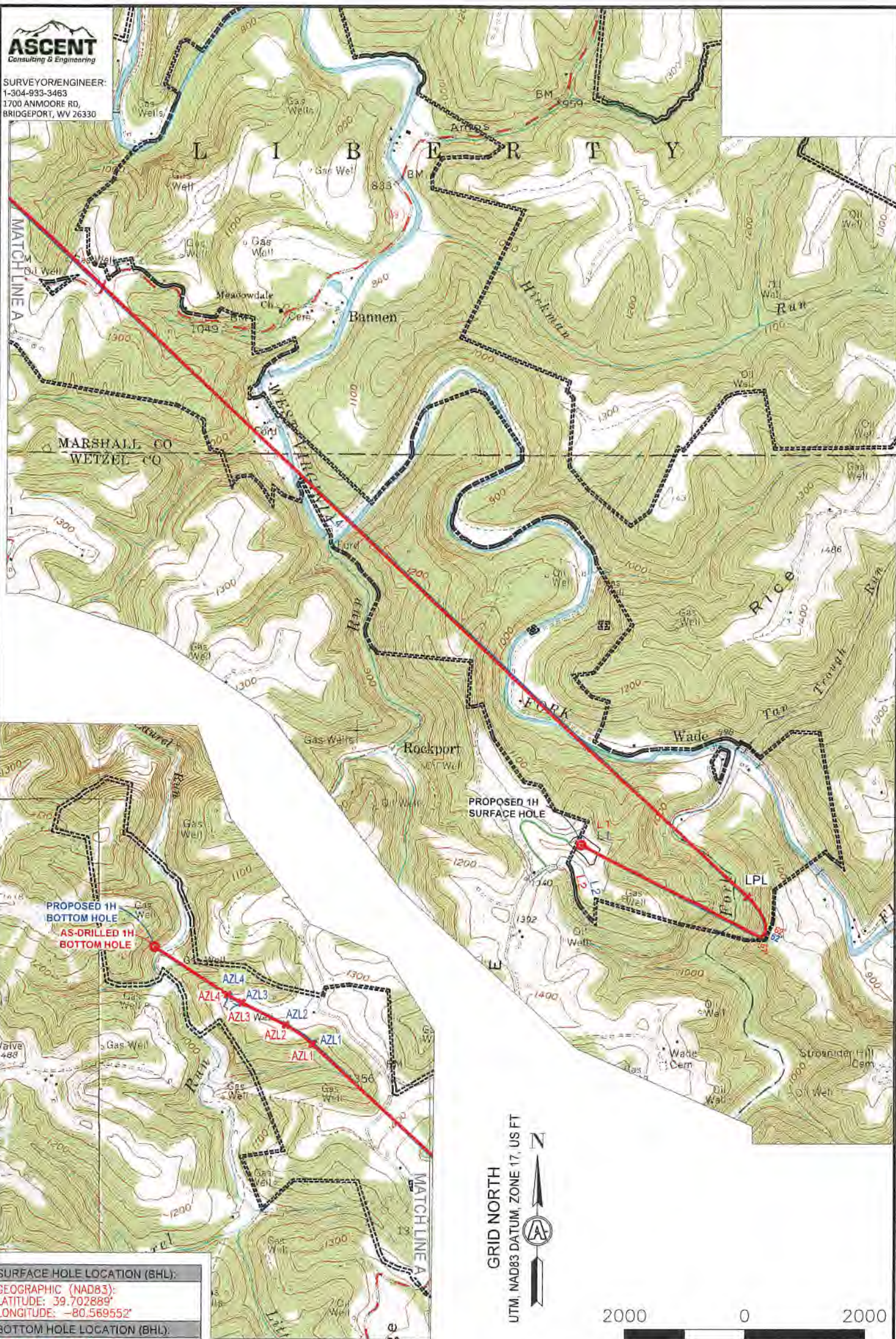
- NOTES ON SURVEY**
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREIN WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
 2. THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
 3. ALL ASSETS ARE GRID NORTH UNLESS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

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC		WELL (FARM) NAME: RITER WTZ		WELL # 1H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201		COUNTY - CODE WETZEL - 103	DISTRICT: CENTER	09/12	
SURFACE OWNER: HARRY RITER, JR. & VIOLET R. MENAS		USGS 7 1/2 QUADRANGLE MAP NAME LITTLETON, WV-PA			

09/12/2025



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



SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.702889°
LONGITUDE: -80.569552°

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 39.743083°
LONGITUDE: -80.621574°

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

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

2000 0 2000

GRAPHIC SCALE

09/12/2025

LEGEND:

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

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC

ADDRESS:
1300 FORT PIERPONT DRIVE, SUITE 201

SURFACE OWNER:
HARRY RITER, JR. & VIOLET R. MENAS

WELL (FARM) NAME:
RITER WTZ

COUNTY - CODE
WETZEL - 103
DISTRICT; CENTER
USGS 7 1/2 QUADRANGLE MAP NAME
LITTLETON, WV-PA

WELL #
1H
SERIAL #
XXXX



ASCENT
Consulting & Engineering

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

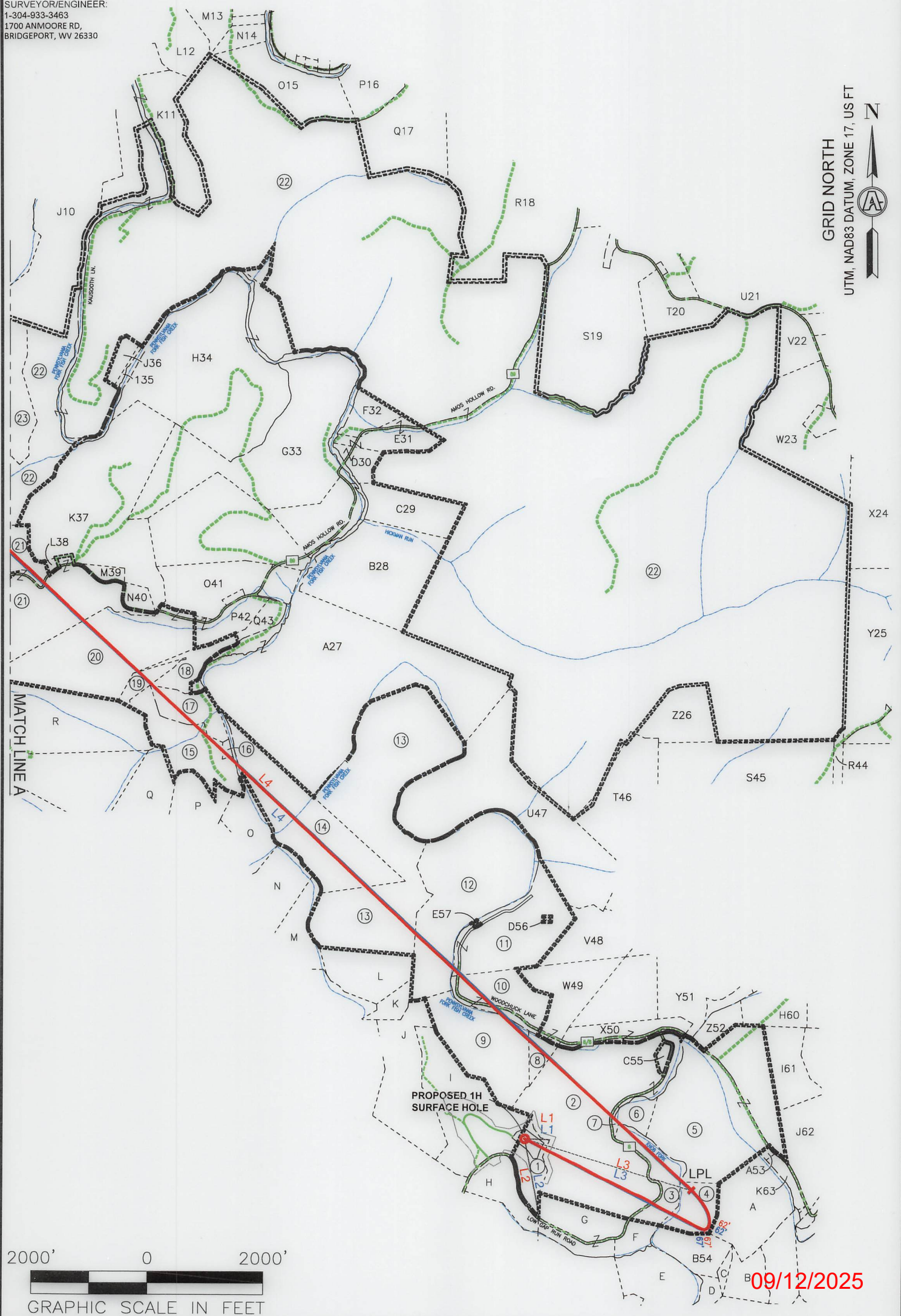
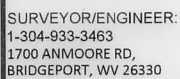
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.702889°
LONGITUDE: -80.569552°

BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 39.743083°
LONGITUDE: -80.621574°

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

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC		WELL (FARM) NAME: RITER WTZ		WELL # 1H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201		COUNTY - CODE WETZEL - 103	DISTRICT; CENTER		
SURFACE OWNER: HARRY RITER, JR. & VIOLET R. MENAS		USGS 7 1/2 QUADRANGLE MAP NAME LITTLETON, WV-PA			



REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWH $\frac{R^2}{A} \rightarrow V^{+ \odot}$
Production Company™

OPERATOR'S

RITER WTZ

DATE: 10-30-2024

WELL #:

1H

DRAWN BY: TMF

DISTRICT:
CENTER

COUNTY:
WETZEL

STATE:
WV

SCALE: 1"=2000'

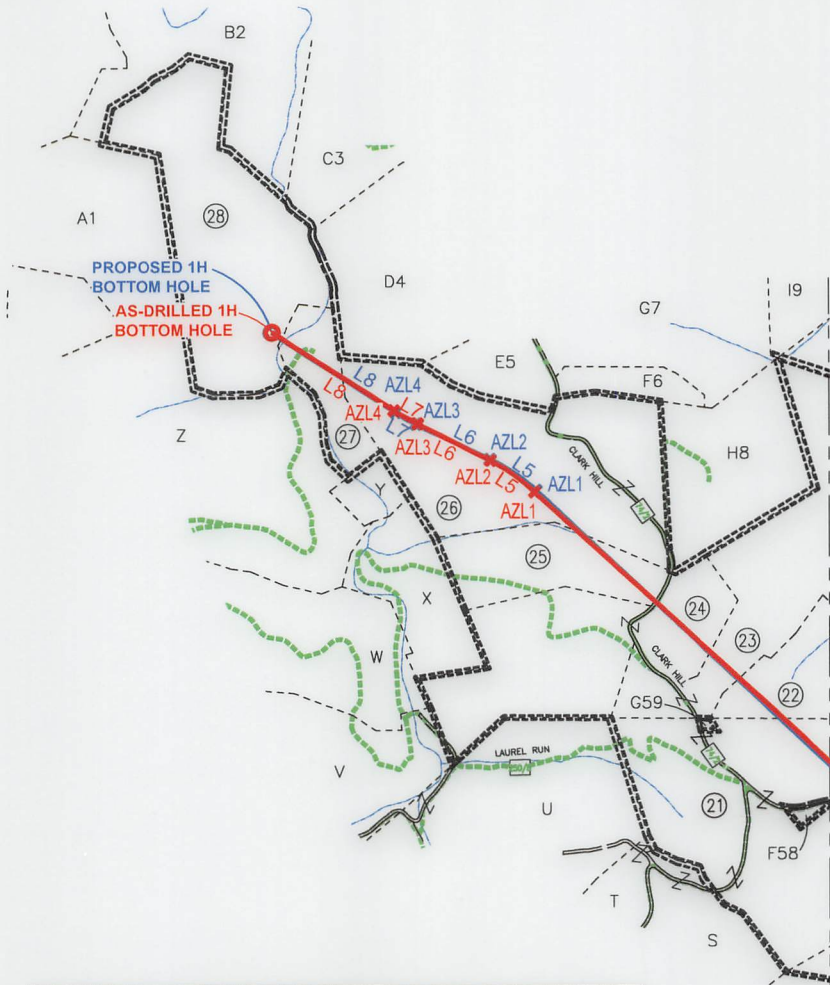
DRAWING NO: 2549

WELL LOCATION PLAT 2



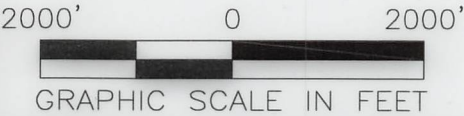
SURVEYOR/ENGINEER:
1-304-933-3463
1700 ANMOORE RD,
BRIDGEPORT, WV 26330

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



WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	RITER HARRY JR & MENAS VIOLET R (S)/ CONSOL Energy (R)	1-5-19
2	BLAKE GAY KAREN & JOSEPH F	1-6-7
3	S&R INVESTMENTS	1-6-11
4	S&R INVESTMENTS	3-1-25
5	S&R INVESTMENTS	3-1-23
6	SHOWALTER THOMAS HRS	3-1-24
7	CONSOLIDATED GAS TRANS CORP	3-1-36
8	KOONTZ MICHAEL L KUHN SHAUN D	1-5-34
9	KOONTZ MICHAEL L KUHN SHAUN D	1-5-18
10	SEIDLER BRIAN	1-15-11
11	SEIDLER BRIAN	1-5-10
12	SEIDLER E DALE & NETTIE L	1-2-6.2
13	WV STATE COMMERCE BUREAU OF NAT RESOURCE DIVISION	1-2-6
14	WV STATE COMMERCE BUREAU OF NAT RESOURCES DIVISION	1-2-12
15	FERDA BRIAN T ET UX	7-27-15
16	FITZSIMMONS SCOTT M ET AL	7-27-14
17	FERDA BRIAN T ET UX	7-27-16
18	GEHO ANNIE L EST	7-27-21
19	W VA WILDLIFE RESOURCES	7-27-17
20	SCHANCK JOSEPH L	7-27-18
21	RIGGS JOHN E JR & DELANA	7-27-2
22	W VA WILDLIFE RESOURCES	7-24-1
23	MORGAN JAMES E - LIFE	7-26-14
24	MORGAN JAMES E - LIFE	7-28-4
25	MORGAN JAMES E - LIFE	7-28-3
26	HORNER JOHN M & TERESA L	7-19-36
27	HORNER JOHN M & TERESA L	7-19-33
28	MASON DIXON FARMS LLC	7-18-7

MATCH LINE A



GRAPHIC SCALE IN FEET

09/12/2025

REVISIONS:	COMPANY:			SWN Production Company, LLC SWN Production Company™
OPERATOR'S			RITER WTZ	DATE: 10-30-2024
WELL #:			1H	DRAWN BY: TMF
DISTRICT:		COUNTY:	STATE:	SCALE: 1"=2000'
CENTER		WETZEL	WV	DRAWING NO: 2549
				WELL LOCATION PLAT 3



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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	WAYNE CARMINT REALTY LLC	3-1-26
B	WAYNE CARMINT REALTY LLC	3-5-2
C	WAYNE CARMINT REALTY LLC	3-5-2.1
D	LIBERTY HOLDING CO	3-5-32.2
E	GREEN JOSEPH A JR GREEN CHRISTOPHER S	1-6-13
F	S&R INVESTMENTS	1-6-10
G	GORBY STEPHEN H & BETH ANN	1-5-30
H	RI TER HARRY JR MENAS VIOLET R	1-5-20
I	RI TER HARRY JR MENAS VIOLET R	1-5-17
J	KOONTZ MICHAEL L KUHN SHAUN D	1-5-17.1
K	BROWN NEIL A TRUST	1-5-9
L	WV STATE OF COMM BUREAU OF NATURAL RESOURCES DIVISION	1-5-9.1
M	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	1-2-9
N	RINE LARRY ETAL	1-2-8
O	FERDA BRIAN T	1-2-5.1
P	MCINTIRE STEPHEN ROSS	1-2-5
Q	FERDA BRIAN T & VI-EVA	1-2-4
R	WADE EDWARD E JR	7-27-20
S	MICELI VINCENZO ET UX	7-28-6
T	COX CHRISTOPHER & NIKKI	7-28-7
U	RICHMOND MATTHEW ALLAN	7-28-5
V	RICHMOND CARL R & EILENE R	7-28-13
W	HARLAN SCOTT L & SHAWN D	7-28-1
X	MASON DIXON FARMS LLC	7-28-2
Y	BLAIR M ZACHARY	7-19-35
Z	BLAIR M ZACHARY	7-18-9
A1	MASON DIXON FARMS LLC	7-18-8.1
B2	MASON DIXON FARMS LLC	7-18-6
C3	MASON DIXON FARMS LLC	7-19-1
D4	HORNER JOHN M & TERESA L	7-19-32
E5	CHAMBERS MARY L	7-19-31
F6	HORNER JOHN M & TERESA L	7-19-30.1
G7	HORNER DELORSE A - LIFE	7-19-30
H8	ROMACK VICTOR A	7-19-38
I9	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-29
J10	GRIBBEN M PEGGY REVOCABLE LIVING TRUST	7-19-28
K11	FROMHART BRAD ET UX - LIFE	7-20-41
L12	UNDERDONK ALAN	7-16-25.1
M13	BURGE JUDITH A & VIRGINIA L BAILEY & SUELLEN MARLING - TOD	7-20-6
N14	GEHO ANNIE L EST	7-20-11
O15	BURLEY AMMON ET UX	7-20-12
P16	BURLEY AMMON	7-20-18
Q17	BURLEY AMMON A	7-20-24
R18	BURLEY AMON A	7-20-37
S19	GRESHAW JASON M & MARY L	7-25-2
T20	BROWN ANDREW C III	7-25-6
U21	HARRINGTON CLYDE F	7-25-7
V22	W VA DEPT OF COMMERCE DIV OF NATURAL RESOURCES	7-25-9
W23	CONAWAY THOMAS EARL JR & CAROLYN K STOWE	7-25-12
X24	CONAWAY THOMAS E	7-23-1
Y25	PRENDERGAST MICHAEL J & SUELLEN LEMLEY	7-23-26
Z26	WADE MICHAEL CLAY & MCCELLAND LAWRENCE W - TOD ET AL	7-24-6
A27	VELLEKOOP PETER B ET UX - TOD	7-27-13
B28	VELLEKOOP PETER B ET UX - TOD	7-27-11
C29	VELLEKOOP PETER B ET UX - TOD	7-27-10.1
D30	VELLEKOOP PETER B ET UX - TOD	7-26-6.2
E31	VELLEKOOP PETER B ET UX - TOD	7-26-6.1
F32	GEDEON DANIEL D ET UX	7-26-6
G33	YOCUM JOSEPH LEE & MICHAEL D	7-26-9
H34	CONSOLIDATED GAS SUPPLY CORP	7-26-8
*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.		

TRACT	SURFACE OWNER	TAX PARCEL
I35	BUTLER JOHN M & LISA A	7-26-11.1
J36	HUNDRED RESOURCES INC	7-26-11
K37	HORNER DELORSE A	7-26-10
L38	DEBOLD HOWARD L ET UX	7-27-2.2
M39	RIGGS JOHN E & DALENA	7-27-2.1
N40	RIGGS DALENA ET VIR	7-27-3.1
O41	YOCUM JOSEPH LEE & MICHAEL D	7-27-5
P42	OCHSENBEIN RICHARD L	7-27-9
Q43	BURGE DELORES E ET AL	7-27-10
R44	LONG LONNY DAVID & LINDA SUE	1-3-2.1
S45	ABEREKG D W EST & ABEREGG WILLIAM D ETAL L/E ABEREGG DA	1-3-2
T46	WILLIAMS KATHERINE E TRUST	1-3-1
U47	SEIDLER EARL DALE & NETTIE	1-2-6.1
V48	BLACKROCK ENTERPRISES LLC	1-6-1
W49	SEIDLER BRIAN	1-6-3
X50	BERRY LAWRENCE C & DOROTHY J	1-6-8
Y51	MCGUFFIE ARCH	1-6-5
Z52	MILLER HARVEY	3-1-7
A53	WAYNE CARMINT REALTY LLC	3-1-27
B54	S&R INVESTMENTS	3-5-1
C55	CONSOLIDATED GAS TRANSMISSION CORPORATION	1-6-9
D56	UNKOWN	1-2-11
E57	SEIDLER E DALE & NETTIE L	1-5-10.1
F58	RIGGS JOHN E JR & DELANA	7-27-1
G59	WADE SAMUEL C - TOD	7-27-2.3
H60	MILLIKEN KEVIN R ETAL	3-1-8
I61	PHILLIPS JR CHARLES R	3-1-22
J62	WAYNE CARMINT REALTY LLC	3-1-29
K63	WAYNE CARMINT REALTY LLC	3-1-28
*HIGHLIGHTED PARCELS MAY BE IMPACTED DURING DRILLING.		

09/12/2025

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN *Rev+0*
Production Company™

OPERATOR'S

RI TER WTZ

DATE: 10-30-2024

WELL #:

1H

DRAWN BY: TMF

DISTRICT:
CENTER

COUNTY:
WETZEL

STATE:
WV

SCALE: N/A

DRAWING NO: 2549

WELL LOCATION PLAT 4