

NO DISCHARGE

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: SWN Production Company, LLC
API No: 47-069-00372 County: Ohio
District: Union Well No: 8H
Farm Name: Franz Thoman OHI

Discharge Date/s From:(MMDDYY) _____ To: (MMDDYY) _____
Discharge Times. From: _____ To: _____

Total Volume to be Disposed from this facility (gallons): _____

Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application: _____ (Include a topographical map of the Area.)
(2) UIC: _____ Permit No. _____
(3) Offsite Disposal: _____ Site Location: _____
(4) Reuse: _____ Alternate Permit Number: _____
(5) Centralized Facility: _____ Permit No. _____
(6) Other method: _____ (Include an explanation)

Follow Instructions below to determine your treatment category:

Optional Pretreatment test: _____ Cl- mg/l _____ DO mg/l

1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) _____ If yes, who? _____ and place a four (4) on line 7.
If not go to line 2
2. Was Frac Fluid or flowback put into the pit? (Y/N) _____ If yes, go to line 5. If not, go to line 3.
3. Do you have a chloride value pretreatment (see above)? (Y/N) _____ If yes, go to line 4
If not, go to line 5.
4. Is the Chloride level less than 5000 mg/l? (Y/N) _____ If yes, then enter a one (1) on line 7.
5. Do you have a pretreatment value for DO? (See above) (Y/N) _____ If yes, go to line 6
If not, enter a three (3) in line 7.
6. Is the DO level greater than 2.5 mg/l?(Y/N) _____ If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
7. _____ is the category of your pit. Use the Appropriate section.
8. Comments on Pit condition: _____

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Name of Principal Exec. Officer: _____
Title of Officer: _____
Date Completed: _____

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature of a Principal Exec. Officer or Authorized agent.

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Category 1
Sampling Results
API No : _____

Parameter	PredischARGE		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	5	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl	5,000	_____	5,000	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

*** Al is only reported if the pH is above 9.0

Category 2
Sampling Results
API No : _____

Parameter	PredischARGE		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	10	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0

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Category 3
Sampling Results
API No : _____

Parameter	PredischARGE		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	20	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**			Monitor	_____	mg/l
Oil and Grease			Monitor	_____	mg/l
Total Al***			Monitor	_____	mg/l
TSS			Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume			Monitor	_____	Gal
Flow			Monitor	_____	Gal/min
Disposal Area			Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0.

Category 4
Sampling Results
API No: _____

Parameter	PredischARGE		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	1	_____	N/A	N/A	Days
Fe	Monitor	_____	Monitor	_____	mg/l
D.O.	Monitor	_____	Monitor	_____	mg/l
Settleable Sol.	Monitor	_____	Monitor	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**			Monitor	_____	mg/l
Oil and Grease			Monitor	_____	mg/l
TSS			Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume			Monitor	_____	Gal
Flow			Monitor	_____	Gal/min
Activated Carbon (0.175)			N/A	N/A	lb/Bt
Date Site Reclaimed	N/A	N/A		_____	10 days from dis.
Disposal Area			Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

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

API 47 - 069 - 00372 County Ohio District Richland
Quad Tiltonsville Pad Name Franz Thoman Field/Pool Name Appalachia South
Farm name Franz Thoman OHI Well Number 8H
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 4,442,983.08 Easting 528,965.47
Landing Point of Curve Northing 4,442,833.17 Easting 529,013.18
Bottom Hole Northing 4,437,633.00 Easting 531,524.97

Elevation (ft) 1,137 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 2024-10-28 Date drilling commenced 2024-12-03 Date drilling ceased 2024-12-16
Date completion activities began 2025-02-24 Date completion activities ceased 2025-03-18
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 327 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 471 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 334 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

APPROVED

Reviewed by:

[Signature]
07/25/2025

API 47- 069 - 00372 Farm name Franz Thoman OHI Well number 8H

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	437		J-55/54.50		Y
Coal							
Intermediate 1	12.250	9.625	1,759		J-55/36.00		Y
Intermediate 2							
Intermediate 3							
Production	8.500	5.500	25,509		P-110/20.00		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	300	15.6	1.19	0	Surface	8
Coal							
Intermediate 1	Class A	721	15.6	1.18	0	Surface	8
Intermediate 2							
Intermediate 3							
Production	Class A	4,900	14.5	1.26	0	Surface	24
Tubing							

Drillers TD (ft) 25,509 Loggers TD (ft) 25,509

Deepest formation penetrated Marcellus Plug back to (ft) _____

Plug back procedure N/A

Kick off depth (ft) _____

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

Well cored ☐ Yes ☒ No Conventional Sidewall Were cuttings collected ☐ Yes ☒ No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: 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 _____

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API 47- 069 - 00372 Farm name Franz Thoman OHI Well number 8H

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.

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Amount of
Nitrogen/other (units) _____

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Well Name: Franz Thoman OHI 8H

47069003720000

LITHOLOGY/FORMATION	TOP DEPTH, MD (FT)	TOP DEPTH, TVD (FT)	BOTTOM DEPTH, MD (FT)	BOTTOM DEPTH, TVD (FT)
Base of Fresh Water	0	0	327	327
Top of Salt Water	471	471	NA	NA
Pittsburgh Coal	336	336	351	351
Pottsville (ss)	480	480	551	551
Raven Cliff (ss)	845	844	1114	1112
Maxton (ss)	1114	1112	1330	1327
Big Injun (ss)	1468	1465	1633	1630
Berea (siltstone)	1927	1924	2014	2010
Rhinestreet (shale)	5357	5342	5603	5571
Cashaqua (shale)	5603	5571	5665	5621
Middlesex (shale)	5665	5621	5759	5691
Burket (shale)	5759	5691	5786	5711
Tully (ls)	5786	5711	5867	5760
Mahantango (shale)	5867	5760	6055	5843
Marcellus (shale)	6055	5843	NA	NA

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Refresh	Wellbore Name																			
	Operator																			
	Division																			
	Pad																			
Frac String :																				
Stage :	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Date :	3/1/2025	3/1/2025	3/1/2025	3/1/2025	3/2/2025	3/2/2025	3/2/2025	3/2/2025	3/3/2025	3/3/2025	3/3/2025	3/3/2025	3/3/2025	3/3/2025	3/4/2025	3/4/2025	3/4/2025	3/4/2025	3/4/2025	3/5/2025
Top Perf (ft) :	21,334	21,124	20,914	20,704	20,494	20,284	20,074	19,864	19,654	19,444	19,234	19,024	18,814	18,604	18,394	18,184	17,974	17,764	17,554	17,344
Btm Perf (ft) :	21,511	21,301	21,091	20,881	20,671	20,461	20,251	20,041	19,831	19,621	19,411	19,201	18,991	18,781	18,571	18,361	18,151	17,941	17,731	17,521
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) :	0.42	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
TVD (ft) :	6,020	6,019	6,018	6,018	6,017	6,016	6,015	6,012	6,007	6,002	5,998	5,995	5,993	5,992	5,990	5,989	5,988	5,988	5,986	5,984
Capacity to Top Perf (bbls) :	474	469	464	460	455	450	446	441	436	432	427	422	418	413	408	404	399	394	390	385
Capacity to Bottom Perf (bbls) :	477	473	468	463	459	454	449	445	440	436	431	426	422	417	412	408	403	398	394	389
Survey (Inclination) :																				
Mid-Perf (MD) :	21,423	21,213	21,003	20,793	20,583	20,373	20,163	19,953	19,743	19,533	19,323	19,113	18,903	18,693	18,483	18,273	18,063	17,853	17,643	17,433
Pump Down Start Time:	3/1/25 7:43	3/1/25 13:20	3/1/25 18:59	3/1/25 20:14	3/1/25 1:38	3/1/25 4:55	3/2/25 12:40	3/2/25 15:46	3/2/25 19:27	3/3/25 1:51	3/3/25 5:23	3/3/25 8:45	3/3/25 13:21	3/3/25 16:27	3/3/25 20:58	3/4/25 1:46	3/4/25 6:26	3/4/25 11:12	3/4/25 16:34	3/4/25 23:52
Pump Down Stop Time:	3/1/25 8:16	3/1/25 13:50	3/1/25 19:37	3/1/25 20:51	3/2/25 2:05	3/2/25 5:29	3/2/25 13:35	3/2/25 16:15	3/2/25 20:02	3/3/25 2:24	3/3/25 5:55	3/3/25 9:13	3/3/25 13:49	3/3/25 16:55	3/3/25 21:30	3/4/25 2:17	3/4/25 6:52	3/4/25 11:39	3/4/25 17:03	3/5/25 0:22
Pumpdown Total Time:	0.55	0.50	0.63	0.62	0.45	0.57	0.92	0.48	0.58	0.55	0.53	0.47	0.47	0.47	0.53	0.52	0.43	0.45	0.48	0.50
Stage Start Time:	3/1/25 8:16	3/1/25 13:50	3/1/25 19:37	3/1/25 20:51	3/2/25 2:05	3/2/25 5:29	3/2/25 13:35	3/2/25 16:15	3/2/25 20:02	3/3/25 2:24	3/3/25 5:55	3/3/25 9:13	3/3/25 13:49	3/3/25 16:55	3/3/25 21:30	3/4/25 2:17	3/4/25 6:52	3/4/25 11:39	3/4/25 17:03	3/5/25 0:22
Stage Stop Time:	3/1/25 10:20	3/1/25 16:49	3/1/25 22:05	3/2/25 1:32	3/2/25 4:47	3/2/25 12:32	3/2/25 15:35	3/2/25 19:18	3/3/25 1:41	3/3/25 5:14	3/3/25 8:27	3/3/25 11:48	3/3/25 16:17	3/3/25 20:51	3/4/25 1:40	3/4/25 6:19	3/4/25 11:03	3/4/25 16:02	3/4/25 23:44	3/5/25 6:29
Total Stage time : (hrs)	2.07	2.98	2.47	4.68	2.70	7.05	2.00	3.05	5.65	2.83	2.53	2.58	2.47	3.93	4.17	4.03	4.18	13.70	6.68	6.12
IWHP (psi) :	3,465	3,147	3,160	3,090	3,085	2,510	2,974	2,930	2,650	2,945	3,170	3,157	3,106	2,970	2,980	2,875	3,080	2,915	2,500	2,555
15 % HCl Acid (bbls) :	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
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)	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Pump down (bbls) :	95	96	97	98	96	94	90	93	94	88	85	82	84	83	82	82	78	112	81	76
Frac Water (bbls) :	7,500	7,335	7,832	8,084	7,987	8,186	7,910	7,939	8,051	8,076	8,015	8,186	8,007	8,065	7,970	7,977	8,085	8,070	7,934	8,271
Load to Recover (Total Vol Pumped) (bbls) :	7,595	7,431	7,929	8,182	8,083	8,280	8,000	8,032	8,145	8,164	8,100	8,268	8,091	8,148	8,052	8,059	8,163	8,182	8,015	8,347
Slurry Volume (bbls) :	8,006	7,830	8,345	8,600	8,507	8,708	8,418	8,453	8,583	8,601	8,524	8,700	8,515	8,583	8,480	8,491	8,598	8,612	8,436	8,799
100 Mesh (lbs) :	151,950	151,160	131,300	151,780	143,870	155,230	155,280	132,020	152,310	155,560	153,780	154,940	150,800	131,200	130,122	148,280	151,740	153,660	125,320	132,640
20/40, 30/50, 30/70, & 40/70 (lbs) :	220,450	218,810	235,680	216,360	211,520	209,530	217,220	238,540	238,190	207,400	216,340	220,600	221,620	233,600	243,360	219,010	212,910	218,640	234,060	238,260
Total Prop from Stim Int Prop Table (lbs) :	372,400	369,970	366,980	368,140	355,390	364,760	372,500	370,560	390,500	362,960	370,120	375,540	372,420	364,800	373,482	367,290	364,650	372,300	359,380	370,900
Total Prop from StimStageTable (lbs)	372,400	369,970	366,980	368,140	355,390	364,760	372,500	370,560	390,500	362,960	370,120	375,540	372,420	364,800	373,482	367,290	364,650	372,300	359,380	370,900
Avg Rate (bbls/min) :	98	97	98	99	98	98	99	99	99	99	99	96	99	99	99	99	100	98	100	100
Avg Pressure (psi) :	9,312	9,443	9,258	9,242	9,211	9,043	9,056	9,063	9,091	8,886	8,724	8,810	8,888	9,097	9,048	9,283	9,257	9,107	9,091	9,229
Max Rate (bpm) :	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Max Pressure (psi) :	9,640	9,844	9,435	9,475	9,475	9,960	9,622	9,645	9,810	9,265	9,861	9,683	9,822	9,225	9,425	9,510	9,885	10,102	9,450	9,550
Break Pressure (psi) :	6,363	6,150	5,885	5,755	6,000	5,494	5,418	5,535	5,590	5,445	5,559	5,550	5,691	5,825	5,805	5,485	5,661	5,686	5,820	5,830
ISIP (psi) :	4,764	5,003	5,130	5,000	5,000	4,777	4,553	5,120	5,200	5,000	4,689	4,919	4,945	5,230	5,300	4,669	4,594	4,694	5,000	4,715
FG (psi/ft) :	1.23	1.27	1.29	1.27	1.27	1.23	1.19	1.29	1.30	1.27	1.22	1.26	1.26	1.31	1.32	1.21	1.20	1.22	1.27	1.22
Biocide (gal)	14	14	15	15	15	15	15	15	15	15	15	16	16	15	15	15	16	15	15	16
Corrosion Inhibitor (lbs)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Friction Reducer (gal)	7,897	7,767	8,247	8,433	8,405	8,588	8,304	8,336	8,453	8,476	8,379	8,549	8,399	8,430	8,346	8,280	8,383	8,396	8,245	8,544
HCl 15% (gal)	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
Scale Inhibitor (gal)	9	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10
Breaker																				
Average Density (SG)																				
Average of pH																				
Average of Conductivity																				
Average of Calcium																				
Average of Magnesium																				
Aaverage 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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Refresh	Wellbore Name																				
	Operator Division Pad																				
Frac String :																					
	Stage :	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
	Date :	3/5/2025	3/5/2025	3/5/2025	3/6/2025	3/6/2025	3/6/2025	3/7/2025	3/7/2025	3/7/2025	3/7/2025	3/8/2025	3/8/2025	3/8/2025	3/8/2025	3/8/2025	3/9/2025	3/9/2025	3/9/2025	3/9/2025	3/10/2025
	Top Perf (ft) :	17,134	16,924	16,714	16,504	16,294	16,084	15,874	15,664	15,454	15,244	15,034	14,824	14,614	14,404	14,194	13,984	13,774	13,564	13,354	13,144
	Btm Perf (ft) :	17,311	17,101	16,891	16,681	16,471	16,261	16,051	15,841	15,631	15,421	15,211	15,001	14,791	14,581	14,371	14,161	13,951	13,741	13,531	13,321
	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) :	0.42	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
	TVD (ft) :	5,983	5,982	5,982	5,980	5,980	5,978	5,976	5,974	5,972	5,969	5,967	5,964	5,961	5,958	5,957	5,955	5,953	5,951	5,950	5,948
	Capacity to Top Perf (bbls) :	380	376	371	366	362	357	352	348	343	338	334	329	324	320	315	310	306	301	296	292
	Capacity to Bottom Perf (bbls) :	384	380	375	370	366	361	356	352	347	342	338	333	328	324	319	314	310	305	300	296
	Survey (Inclination) :																				
	Mid-Perf (MD) :	17,223	17,013	16,803	16,593	16,383	16,173	15,963	15,753	15,543	15,333	15,123	14,913	14,703	14,493	14,283	14,073	13,863	13,653	13,443	13,233
	Pump Down Start Time :	3/5/25 6:36	3/5/25 15:40	3/5/25 20:47	3/6/25 1:59	3/6/25 8:05	3/6/25 18:45	3/6/25 23:53	3/7/25 5:29	3/7/25 11:49	3/7/25 16:35	3/7/25 21:09	3/8/25 2:37	3/8/25 7:19	3/8/25 13:44	3/8/25 18:26	3/9/25 1:06	3/9/25 6:48	3/9/25 13:11	3/9/25 17:47	3/9/25 21:21
	Pump Down Stop Time :	3/5/25 7:01	3/5/25 16:05	3/5/25 21:11	3/6/25 2:25	3/6/25 8:29	3/6/25 19:07	3/7/25 0:16	3/7/25 5:51	3/7/25 12:11	3/7/25 16:56	3/7/25 21:30	3/8/25 2:57	3/8/25 7:40	3/8/25 14:04	3/8/25 18:45	3/9/25 1:25	3/9/25 7:08	3/9/25 13:29	3/9/25 18:05	3/9/25 21:39
	Pumpdown Total Time :	0.42	0.42	0.40	0.43	0.40	0.37	0.38	0.37	0.37	0.35	0.35	0.33	0.35	0.33	0.32	0.32	0.33	0.30	0.30	0.30
	Stage Start Time :	3/5/25 7:01	3/5/25 16:05	3/5/25 21:11	3/6/25 2:25	3/6/25 8:29	3/6/25 19:07	3/7/25 0:16	3/7/25 5:51	3/7/25 12:11	3/7/25 16:56	3/7/25 21:30	3/8/25 2:57	3/8/25 7:40	3/8/25 14:04	3/8/25 18:45	3/9/25 1:25	3/9/25 7:08	3/9/25 13:29	3/9/25 18:05	3/9/25 21:39
	Stage Stop Time :	3/5/25 15:52	3/5/25 20:40	3/6/25 1:51	3/6/25 7:55	3/6/25 12:45	3/6/25 23:47	3/7/25 5:21	3/7/25 10:12	3/7/25 16:22	3/7/25 21:01	3/8/25 2:30	3/8/25 7:11	3/8/25 13:35	3/8/25 18:17	3/9/25 0:59	3/9/25 6:40	3/9/25 11:13	3/9/25 17:41	3/9/25 22:15	3/10/25 4:55
	Total Stage time : (hrs) :	8.85	4.58	4.67	5.50	4.27	4.67	5.08	4.35	4.18	4.08	5.00	4.23	5.92	4.22	6.23	5.25	4.08	4.20	4.17	7.27
	IWHP (psi) :	2,597	2,850	2,790	2,667	2,734	2,445	2,555	2,539	2,588	2,800	2,500	2,555	2,479	2,633	2,665	2,555	2,765	2,626	2,965	2,510
	15 % HCl Acid (bbls) :	17	17	17	17	33	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
	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) :	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	Pump down (bbls) :	74	74	74	75	72	69	67	65	68	65	65	62	61	59	61	60	55	59	56	56
	Frac Water (bbls) :	7,914	8,157	8,976	7,965	7,911	7,933	7,943	7,938	7,966	8,057	7,860	7,968	7,772	7,941	7,927	7,845	7,845	7,839	7,991	7,221
	Load to Recover (Total Vol Pumped) (bbls) :	7,988	8,231	9,050	8,040	7,983	8,002	8,010	8,003	8,034	8,122	7,925	8,030	7,833	8,000	7,988	7,905	7,900	7,898	8,047	7,277
	Slurry Volume (bbls) :	8,423	8,683	9,570	8,454	8,408	8,428	8,437	8,435	8,469	8,562	8,341	8,456	8,247	8,408	8,423	8,333	8,316	8,300	8,489	7,690
	100 Mesh (lbs) :	155,840	153,690	152,450	153,780	153,920	153,950	127,040	154,720	157,670	152,570	132,690	158,240	131,940	131,380	154,280	152,390	130,080	133,460	174,360	153,800
	20/40, 30/50, 30/70, & 40/70 (lbs) :	219,860	220,280	215,980	218,560	217,660	221,600	245,970	219,270	217,270	221,100	221,600	216,140	219,340	218,730	220,470	223,950	220,520	218,980	223,800	220,020
	Total Prop from Stim Int Prop Table (lbs) :	375,700	373,970	368,430	372,340	371,580	375,550	373,010	373,990	374,940	373,670	354,290	374,380	351,280	350,110	374,750	376,340	350,600	352,440	398,160	373,820
	Total Prop from StimStageTable (lbs) :	375,700	373,970	368,430	372,340	371,580	375,550	373,010	373,990	374,940	373,670	354,290	374,380	351,280	350,110	374,750	376,340	350,600	352,440	398,160	373,820
	Avg Rate (bbls/min) :	98	99	99	94	96	97	97	97	99	100	100	99	99	99	99	88	99	99	100	99
	Avg Pressure (psi) :	8,941	9,250	9,121	9,504	9,432	9,825	9,874	9,526	8,326	8,783	8,624	8,433	8,506	8,468	8,647	7,479	8,466	8,312	8,140	8,222
	Max Rate (bpm) :	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Max Pressure (psi) :	9,501	9,650	9,525	9,954	10,037	10,020	10,090	10,136	9,732	9,075	9,415	9,438	9,705	9,274	8,970	8,795	9,755	9,536	8,310	8,780
	Break Pressure (psi) :	5,828	6,105	5,680	5,473	5,266	5,465	5,710	5,740	5,579	5,845	5,680	5,629	5,661	5,493	5,470	5,520	5,876	5,939	5,820	6,019
	ISIP (psi) :	4,490	5,210	5,300	4,705	4,749	5,000	5,020	4,692	4,370	5,000	4,960	4,462	4,589	5,000	4,900	4,601	4,679	4,890	5,000	5,290
	FG (psi/ft) :	1.18	1.30	1.32	1.22	1.23	1.27	1.27	1.22	1.16	1.27	1.26	1.18	1.20	1.27	1.25	1.20	1.22	1.25	1.27	1.32
	Biocide (gal) :	15	16	18	15	15	15	15	16	16	15	15	16	15	15	14	15	15	15	16	14
	Corrosion Inhibitor (lbs) :	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Friction Reducer (gal) :	8,183	8,422	9,264	8,354	8,313	8,294	8,320	8,313	8,267	8,312	8,109	8,218	8,006	8,191	8,144	8,059	8,054	8,067	8,203	7,417
	HCL 15% (gal) :	700	700	700	700	1,400	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
	Scale Inhibitor (gal) :	9	9	11	9	9	9	9	9	9	9	9	9	9	9	8	9	9	9	9	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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Refresh	Wellbore Name																				
	Operator																				
	Division																				
	Pad																				
Frac String :																					
	Stage :	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
	Date :	3/10/2025	3/10/2025	3/10/2025	3/11/2025	3/11/2025	3/11/2025	3/12/2025	3/12/2025	3/12/2025	3/12/2025	3/12/2025	3/12/2025	3/13/2025	3/13/2025	3/13/2025	3/14/2025	3/14/2025	3/14/2025	3/14/2025	3/14/2025
	Top Perf (ft) :	12,934	12,724	12,514	12,304	12,094	11,884	11,674	11,464	11,254	11,044	10,834	10,624	10,414	10,204	9,994	9,784	9,574	9,364	9,154	8,944
	Btm Perf (ft) :	13,111	12,901	12,691	12,481	12,271	12,061	11,851	11,641	11,431	11,221	11,011	10,801	10,591	10,381	10,171	9,961	9,751	9,541	9,331	9,121
	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) :	0.42	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
	TVD (ft) :	5,947	5,945	5,943	5,940	5,937	5,934	5,931	5,928	5,925	5,923	5,922	5,920	5,919	5,917	5,916	5,916	5,916	5,916	5,917	5,917
	Capacity to Top Perf (bbls) :	287	282	278	273	268	264	259	254	250	245	240	236	231	226	222	217	213	208	203	199
	Capacity to Bottom Perf (bbls) :	291	286	282	277	272	268	263	258	254	249	244	240	235	230	226	221	216	212	207	202
	Survey (Inclination) :																				
	Mid-Perf (MD) :	13,023	12,813	12,603	12,393	12,183	11,973	11,763	11,553	11,343	11,133	10,923	10,713	10,503	10,293	10,083	9,873	9,663	9,453	9,243	9,033
	Pump Down Start Time :	3/10/25 5:03	3/10/25 10:20	3/10/25 16:27	3/10/25 21:00	3/11/25 4:12	3/11/25 10:25	3/11/25 15:05	3/11/25 19:48	3/12/25 2:01	3/12/25 6:52	3/12/25 12:27	3/12/25 19:45	3/13/25 0:50	3/13/25 7:38	3/13/25 13:06	3/13/25 22:00	3/14/25 2:32	3/14/25 7:35	3/14/25 14:58	3/14/25 19:25
	Pump Down Stop Time :	3/10/25 5:20	3/10/25 10:38	3/10/25 16:43	3/10/25 21:15	3/11/25 4:30	3/11/25 10:45	3/11/25 15:27	3/11/25 20:04	3/12/25 2:15	3/12/25 7:13	3/12/25 12:51	3/12/25 20:07	3/13/25 1:14	3/13/25 7:59	3/13/25 13:24	3/13/25 22:17	3/14/25 2:48	3/14/25 7:52	3/14/25 15:16	3/14/25 19:44
	Pumpdown Total Time :	0.28	0.30	0.27	0.25	0.30	0.33	0.37	0.27	0.23	0.35	0.40	0.37	0.40	0.35	0.30	0.28	0.27	0.28	0.30	0.32
	Stage Start Time :	3/10/25 5:20	3/10/25 10:38	3/10/25 16:43	3/10/25 21:15	3/11/25 4:30	3/11/25 10:45	3/11/25 15:27	3/11/25 20:04	3/12/25 2:15	3/12/25 7:13	3/12/25 12:51	3/12/25 20:07	3/13/25 1:14	3/13/25 7:59	3/13/25 13:24	3/13/25 22:17	3/14/25 2:48	3/14/25 7:52	3/14/25 15:16	3/14/25 19:44
	Stage Stop Time :	3/10/25 10:13	3/10/25 16:18	3/10/25 20:54	3/11/25 4:06	3/11/25 8:54	3/11/25 14:58	3/11/25 19:42	3/12/25 1:54	3/12/25 6:45	3/12/25 12:23	3/12/25 19:46	3/13/25 0:55	3/13/25 7:32	3/13/25 13:01	3/13/25 21:57	3/14/25 2:18	3/14/25 7:28	3/14/25 12:44	3/14/25 19:26	3/15/25 0:17
	Total Stage Time : (hrs) :	4.88	5.67	4.18	6.85	4.40	4.22	4.25	5.83	4.50	5.17	6.92	4.80	6.30	5.03	7273.63	4.18	4.67	4.87	4.17	4.55
	IWHP (psi) :	2,803	2,636	2,755	2,575	2,891	2,758	2,670	2,565	2,745	2,716	2,737	2,804	2,485	2,624	2,470	2,735	2,750	2,783	2,477	2,635
	15 % HCl Acid (bbls) :	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
	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) :	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	Pump down (bbls) :	54	50	52	52	52	52	48	48	47	45	47	44	42	46	41	41	42	39	36	37
	Frac Water (bbls) :	7,820	8,119	8,137	8,037	8,277	8,374	7,974	8,084	7,974	7,616	8,164	8,138	7,578	8,279	7,915	8,313	7,933	8,128	8,222	8,159
	Load to Recover (Total Vol Pumped) (bbls) :	7,874	8,169	8,189	8,089	8,329	8,426	8,022	8,132	8,021	7,661	8,211	8,182	7,620	8,325	7,956	8,354	7,975	8,167	8,258	8,196
	Slurry Volume (bbls) :	8,295	8,587	8,638	8,527	8,753	8,851	8,436	8,567	8,447	8,046	8,640	8,604	7,999	8,756	8,391	8,796	8,387	8,594	8,670	8,606
	100 Mesh (lbs) :	152,500	153,990	155,020	149,530	155,680	155,510	130,020	150,100	154,400	130,140	157,360	153,420	130,140	152,620	154,110	153,480	154,020	158,020	129,280	133,000
	20/40, 30/50, 30/70, & 40/70 (lbs) :	219,070	217,130	243,240	223,370	222,120	222,380	221,970	219,010	221,810	220,020	216,520	216,260	217,260	244,850	223,430	229,480	222,370	221,620	224,380	218,390
	Total Prop from Stim Int Prop Table (lbs) :	371,570	371,120	398,260	372,900	377,800	377,890	351,990	369,110	376,210	350,160	373,880	369,680	347,400	397,470	377,540	382,960	376,390	379,640	353,660	351,390
	Total Prop from StimStageTable (lbs) :	371,570	371,120	398,260	372,900	377,800	377,890	351,990	369,110	376,210	350,160	373,880	369,680	347,400	397,470	377,540	382,960	376,390	379,640	353,660	351,390
	Avg Rate (bbls/min) :	100	100	100	99	100	100	99	100	100	90	100	90	85	90	100	100	90	90	100	90
	Avg Pressure (psi) :	8,298	8,279	8,095	8,107	8,042	8,718	8,746	8,973	8,712	8,059	8,951	8,035	7,626	6,909	7,231	7,170	6,693	6,650	7,146	6,587
	Max Rate (bpm) :	100	100	100	99	100	100	100	100	100	91	100	90	90	92	100	100	90	90	100	90
	Max Pressure (psi) :	9,057	9,553	8,380	9,060	8,992	9,936	9,090	9,200	8,875	8,318	9,429	8,385	8,200	7,654	7,480	7,377	6,900	6,941	7,315	7,090
	Break Pressure (psi) :	6,196	6,203	5,730	5,825	5,170	5,636	5,990	5,865	6,145	5,736	5,462	5,340	5,428	5,576	5,313	5,631	5,320	5,678	5,409	5,197
	ISIP (psi) :	4,756	4,804	5,100	5,160	4,661	4,636	5,000	5,125	4,481	4,381	4,665	4,575	4,470	4,244	4,703	5,353	5,570	4,198	4,530	4,380
	FG (psi/ft) :	1.23	1.24	1.29	1.30	1.21	1.21	1.27	1.29	1.18	1.17	1.21	1.20	1.18	1.14	1.22	1.33	1.36	1.14	1.19	1.17
	Biclide (gal) :	15	16	16	15	16	17	15	16	16	15	15	15	15	16	15	16	15	16	15	15
	Corrosion Inhibitor (lbs) :	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Friction Reducer (gal) :	8,028	8,329	8,355	8,247	8,493	8,592	8,180	8,292	8,161	7,811	8,383	8,368	7,797	8,519	8,138	8,544	8,155	8,329	8,416	8,352
	HCl 15% (gal) :	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
	Scale Inhibitor (gal) :	9	10	10	9	10	10	9	10	9	9	9	9	8	10	9	9	9	10	9	9
	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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Refresh	Wellbore Name													
	Operator													
	Division													
	Pad													
Frac String :														
Stage :	80	81	82	83	84	85	86	87	88	89	90	91	92	Total/Avg
Date :	3/15/2025	3/15/2025	3/15/2025	3/15/2025	3/16/2025	3/16/2025	3/16/2025	3/17/2025	3/17/2025	3/17/2025	3/17/2025	3/18/2025	3/18/2025	
Top Perf (ft) :	8,734	8,524	8,314	8,104	7,894	7,684	7,474	7,264	7,054	6,844	6,634	6,424	6,214	6,214
Btm Perf (ft) :	8,911	8,701	8,491	8,281	8,071	7,861	7,651	7,441	7,231	7,021	6,811	6,601	6,391	25,417
Number of Perf Holes :	36	36	36	36	36	36	36	36	36	36	36	36	36	3294
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	
TVD (ft) :	5,917	5,916	5,915	5,914	5,911	5,910	5,908	5,904	5,899	5,893	5,889	5,885	5,880	5,979
Capacity to Top Perf (bbls) :	194	189	185	180	175	171	166	161	157	152	147	143	138	
Capacity to Bottom Perf (bbls) :	198	193	188	184	179	174	170	165	160	156	151	147	142	
Survey (Inclination) :														
Mid-Perf (MD) :	8,823	8,613	8,403	8,193	7,983	7,773	7,563	7,353	7,143	6,933	6,723	6,513	6,303	
Pump Down Start Time :	3/15/25 0:00	3/15/25 6:06	3/15/25 14:52	3/15/25 19:55	3/16/25 3:07	3/16/25 7:49	3/16/25 16:23	3/16/25 21:45	3/17/25 3:34	3/17/25 8:53	3/17/25 14:18	3/18/25 22:00	3/18/25 3:20	2/24/25 19:39
Pump Down Stop Time :	3/15/25 0:33	3/15/25 6:32	3/15/25 15:10	3/15/25 20:16	3/16/25 3:20	3/16/25 8:04	3/16/25 16:39	3/16/25 21:45	3/17/25 2:46	3/17/25 9:08	3/17/25 17:16	3/18/25 22:27	3/18/25 3:35	3/18/25 22:37
Pumpdown Total Time :	0.55	0.27	0.30	0.35	0.22	0.25	0.27	0.42	0.20	0.25	2.97	0.45	0.25	0.25
Stage Start Time :	3/15/25 0:33	3/15/25 6:32	3/15/25 15:10	3/15/25 20:16	3/16/25 3:20	3/16/25 8:04	3/16/25 16:39	3/16/25 21:45	3/17/25 3:46	3/17/25 9:08	3/17/25 17:16	3/18/25 1:31	3/18/25 3:35	5/14/24 18:10
Stage Stop Time :	3/15/25 6:01	3/15/25 14:47	3/15/25 19:57	3/16/25 1:02	3/16/25 7:44	3/16/25 14:47	3/16/25 21:29	3/17/25 2:28	3/17/25 8:43	3/17/25 14:18	3/17/25 22:12	3/18/25 3:04	3/18/25 6:21	3/18/25 6:21
Total Stage time : (hrs)	5.47	8.42	4.78	4.77	4.40	6.72	4.83	4.72	5.95	5.17	4.93	1.55	2.77	158.74
IWHP (psi)	2,616	2,400	2,557	2,609	2,550	2,400	2,597	2,518	2,550	2,616	2,399	2,560	3,071	2,692
15 % HCl Acid (bbls) :	17	17	17	17	17	17	17	17	17	17	17	17	17	1,802
Number of Perf Clusters	6	6	6	6	6	6	6	6	6	6	6	6	6	549
Perf Spacing (ft)	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Pump down (bbls) :	36	34	37	34	34	31	32	31	30	26	26	27	23	6,416
Frac Water (bbls) :	7,014	7,768	8,337	8,654	7,787	8,302	8,594	8,225	8,203	8,179	7,993	8,298	8,527	732,253
Load to Recover (Total Vol Pumped) (bbls) :	7,050	7,802	8,374	8,688	7,821	8,333	8,626	8,256	8,233	8,205	8,019	8,325	8,550	738,669
Slurry Volume (bbls) :	7,462	8,211	8,794	9,118	8,218	8,749	9,063	8,653	8,642	8,612	8,426	8,757	8,954	802,552
100 Mesh (lbs) :	148,880	151,140	132,120	150,390	148,730	156,000	152,220	131,740	155,250	156,100	132,960	159,160	145,300	13,412,382
20/40, 30/50, 30/70, & 40/70 (lbs) :	211,610	220,030	224,710	223,060	223,370	222,180	226,930	221,380	221,340	223,280	222,080	219,460	218,720	20,221,740
Total Prop from Stim Int Prop Table (lbs) :	360,490	371,170	356,830	373,450	372,100	378,180	379,150	353,120	376,590	379,380	355,040	378,620	364,020	33,634,122
Total Prop from StimStageTable (lbs)	360,490	371,170	356,830	373,450	372,100	378,180	379,150	353,120	376,590	379,380	355,040	378,620	364,020	33,807,732
Avg Rate (bbls/min) :	90	88	99	92	82	98	97	95	83	89	100	100	100	95
Avg Pressure (psi) :	6,542	6,322	7,031	6,544	5,756	5,682	6,683	6,178	5,620	6,315	6,556	6,571	6,579	8,387
Max Rate (bpm) :	90	100	100	92	100	100	100	95	100	92	100	100	100	100
Max Pressure (psi) :	7,180	7,300	7,253	6,788	7,000	6,900	7,025	6,319	6,900	6,700	6,862	7,056	6,970	10,459
Break Pressure (psi) :	5,363	5,400	4,963	5,192	5,850	5,450	5,179	3,904	5,400	5,700	5,496	5,366	5,867	5,660
ISIP (psi) :	4,191	4,850	4,061	4,906	5,250	5,370	4,680	4,972	5,350	5,150	4,760	5,195	4,247	4,847
FG (psi/ft) :	1.13	1.24	1.11	1.25	1.31	1.33	1.22	1.26	1.33	1.29	1.23	1.30	1.14	1.24
Biocide (gal)	14	15	16	16	15	16	15	15	15	16	15	16	17	1,348
Corrosion Inhibitor (lbs)	1	1	1	1	1	1	1	1	1	1	1	1	1	151
Friction Reducer (gal)	7,186	7,956	7,946	8,854	7,981	8,499	8,793	8,414	8,395	8,368	8,173	8,203	8,720	758,172
HCL 15% (gal)	700	700	700	700	700	700	700	700	700	700	700	700	700	75,700
Scale Inhibitor (gal)	8	9	9	10	9	9	9	9	9	9	9	9	11	794
Breaker														0
Average Density (SG)														
Average of pH														
Average of Conductivity														
Average of Calcium														
Average of Magnesium														
Aaverage 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														

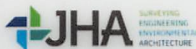
RECEIVED
Office of Oil and Gas
JUL 14 2025
WV Department of
Environmental Protection

LATITUDE: 40°10'00" SURFACE HOLE (2000' SCALE)

9806'

LATITUDE: 40°07'30" BOTTOM HOLE (2000' SCALE)

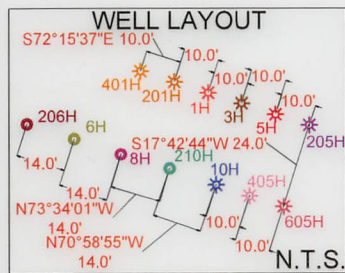
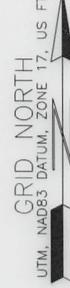
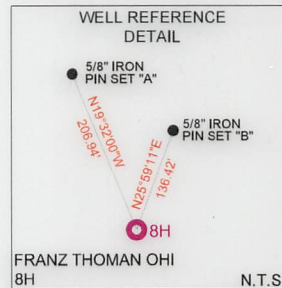
1453'



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

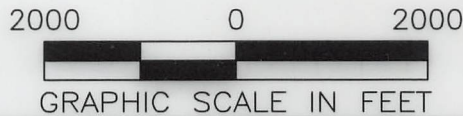
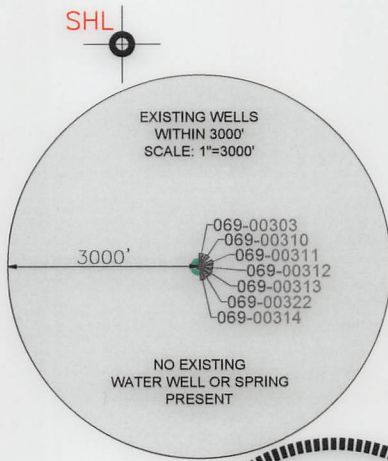
NOTES ON SURVEY

1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
5. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
6. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
7. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.



LINE	BEARING	DISTANCE
L1	N56°03'19"W	1099.03'
L2	N80°16'01"W	1355.91'

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442983.08 EASTING: 528965.47
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442883.17 EASTING: 529013.18
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4437633.00 EASTING: 531524.97
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442983.07 EASTING: 528965.38
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442862.21 EASTING: 529016.61
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4437633.02 EASTING: 531525.71



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

P.E. 19809



(*) 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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

COMPANY: **SWN** Production Company, LLC

FRANZ THOMAN OHI
OPERATOR'S WELL #: 8H
API WELL #: 47 069 00372
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒	ELEVATION: 1,137.1'
WATERSHED: UPPER OHIO SOUTH	QUADRANGLE: TILTONSVILLE, OH-WV
DISTRICT: RICHLAND COUNTY: OHIO	ACREAGE: ±69.418
SURFACE OWNER: FRANZ THOMAN	ACREAGE: ±69.418
OIL & GAS ROYALTY OWNER: FRANZ THOMAN	
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	07/25/2025
TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 6131' TVD 25509' TMD

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

LEGEND: ● EXISTING BOTTOM HOLE ● EXISTING / PRODUCING WELLHEAD ● EXISTING LANDING POINT LOCATION ● PROPOSED SURFACE HOLE / BOTTOM HOLE ● PROPOSED LANDING POINT LOCATION — ACCESS ROAD — PUBLIC ROAD — FLOOD PLAIN — LEASE BOUNDARY — AS-DRILLED PATH — PROPOSED PATH	REVISIONS: DATE: 02-06-2025 API NO: 47-069-00372 DRAWN BY: Z. WOOD SCALE: 1" = 2000' DRAWING NO: 2018-781 WELL LOCATION PLAT
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LATITUDE: 40°10'00" SURFACE HOLE (2000' SCALE)

9806'

LATITUDE: 40°07'30" BOTTOM HOLE (2000' SCALE)

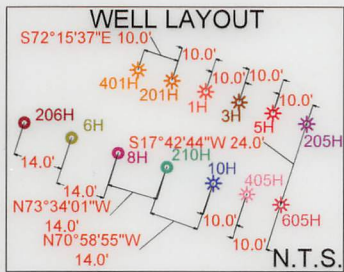
1453'



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

NOTES ON SURVEY

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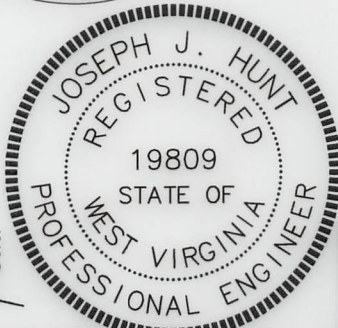
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442983.08 EASTING: 528965.47
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P.E. 19809



WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

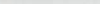
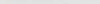


COMPANY: **SWN** Production Company, LLC

FRANZ THOMAN OHI
OPERATOR'S WELL #: 8H
API WELL #: 47 069 00372
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ WASTE DISPOSAL ☐ PRODUCTION ☒ DEEP ☐ GAS ☒ LIQUID INJECTION ☐ STORAGE ☐ SHALLOW ☒
WATERSHED: UPPER OHIO SOUTH
DISTRICT: RICHLAND COUNTY: OHIO
SURFACE OWNER: FRANZ THOMAN
OIL & GAS ROYALTY OWNER: FRANZ THOMAN
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
ELEVATION: 1,137.1'
QUADRANGLE: TILTONSVILLE, OH-WV
ACREAGE: ±69.418
ACREAGE: ±69.418
ESTIMATED DEPTH: 6131' TVD 25509' TMD

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

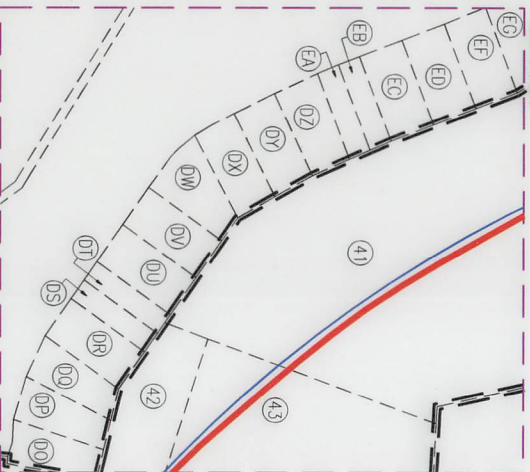
LEGEND:		REVISIONS:		DATE: 02-06-2025
	EXISTING BOTTOM HOLE		ACCESS ROAD	API NO: 47-069-00372
	EXISTING / PRODUCING WELLHEAD		PUBLIC ROAD	DRAWN BY: Z. WOOD
LPL 	EXISTING LANDING POINT LOCATION		FLOOD PLAIN	SCALE: 1" = 2000'
	PROPOSED SURFACE HOLE / BOTTOM HOLE		LEASE BOUNDARY	DRAWING NO: 2018-781
LPL 	PROPOSED LANDING POINT LOCATION		ASDRILLED PATH	WELL LOCATION PLAT
			PROPOSED PATH	

LATITUDE: 40.10,00,, SURFACE HOGE (5000, SCALE)

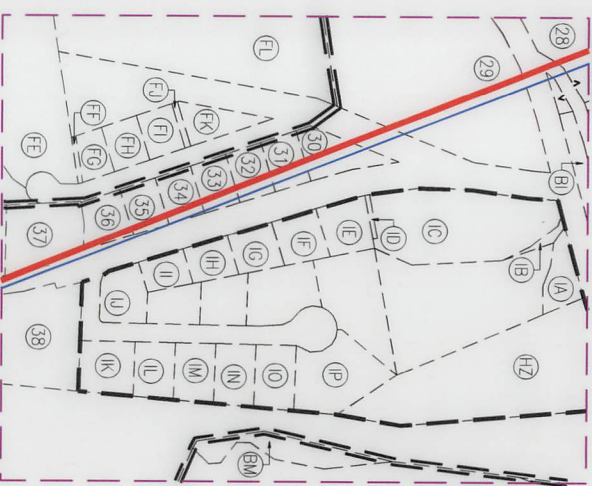
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N.T.S.



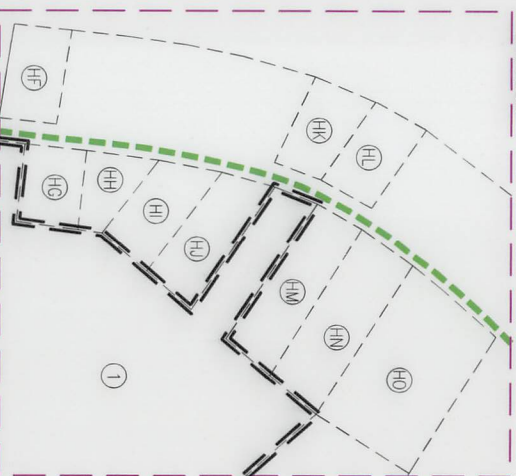
INSET III
N.T.S.



INSET II
N.T.S.



INSET IV
N.T.S.



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	THOMAN FRANZ (S) / (R)	4-R8-62
TRACT	SURFACE OWNER	TAX PARCEL
2	TUNNEL RIDGE LLC	4-R8-62.5
3	SANDCREST FOUNDATION INC	4-R11-15
4	STERN SHAWN G & AIMEE M	4-R11-16.13
5	CRUPE JUSTINE K & JOHN D	4-R11G-28
6	FRANCIS CLAYTON M & HILARY B SMITH	4-R11G-29
7	TURNER MADELYN BELLE	4-R11G-33
8	SOBRAY J TRUST, SOBRAY JANICE C TRUSTEE	4-R11G-34.1
9	LAWSON JOYCE A - TOD	4-R11G-22
10	TRABERT TONY P & PETROS A D	4-R11G-21
11	DUNAWAY DONALD R - TOD	4-R11G-20.1
12	JOHNSON JACOB T & KATELYNN M	4-R11G-20.2
13	EDDY JOSEPH C & DEBRA A	4-R11L-13
14	MCFADDEN CHARLES S & PATRICIA	4-R11L-14
15	PADDEN BETH ANN; KARGE LINDA S	4-R11L-9.2

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN
Production Company™

OPERATOR'S

FRANZ THOMAN OHI

WELL #:

8H

DISTRICT:

RICHLAND

COUNTY:

OHIO

STATE:

WV

DATE: 02-06-2025

API NO: 47-069-00372

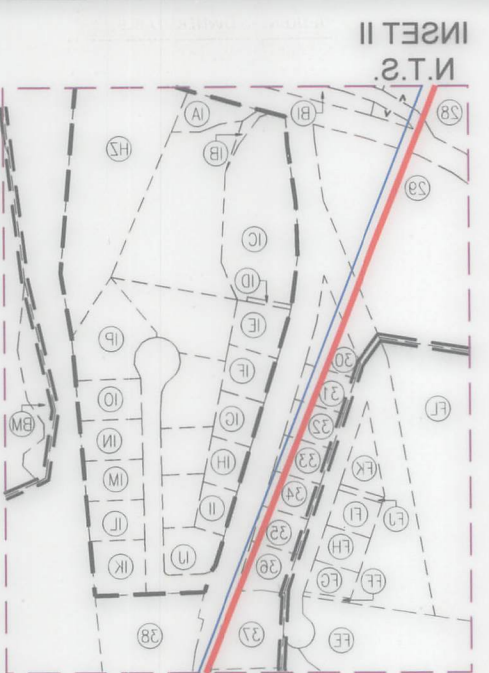
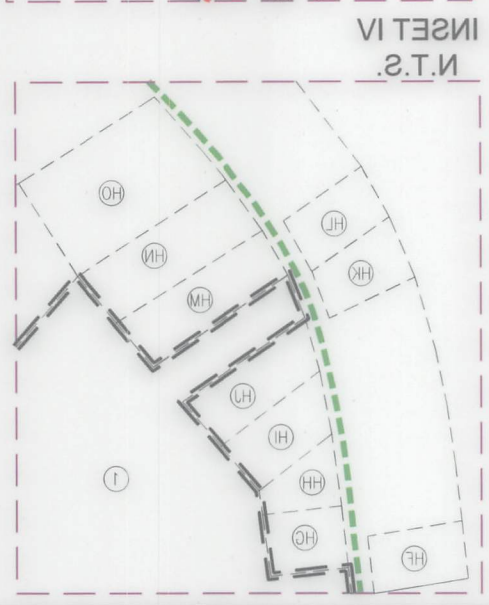
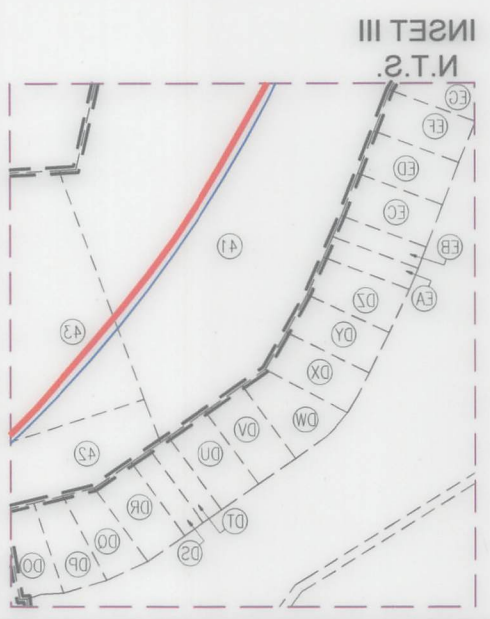
DRAWN BY: Z. WOOD

SCALE: N/A

DRAWING NO: 2018-781

WELL LOCATION PLAT

WELL LOCATION PLAT		DRAWING NO: 2018-781		SCALE: 1/4"		DRAWN BY: J. WOOD		API NO: 43-069-00325		DATE: 03-08-2025	
RICHLAND		DISTRICT:		OHIO		COUNTY:		STATE: WV		8H	
FRANZ THOMAN OHI		OPERATOR:		COMPANY:		Production Company, LLC		Production Company, LLC		DATE: 03-08-2025	
REVISIONS:		07/25/2025									



TRACT	SURFACE OWNER (2) \ ROYALTY OWNER (R)	TAX PARCEL
1	THOMAN FRANZ (2) \ (R)	4-R8-65
2	TUNNEL RIDGE LLC	4-R8-65.2
3	SANDCREST FOUNDATION INC	4-R11-12
4	STERN SHAWN G & AIMEE M	4-R11-16.13
5	CRUPE JUSTINE K & JOHN D	4-R11G-58
6	FRANCIS CLAYTON M & HILARY B SMITH	4-R11G-59
7	TURNER MADELYN BELLE	4-R11G-33
8	SOBRAY J TRUST; SOBRAY JANICE C TRUSTEE	4-R11G-34.1
9	LAWSON JOYCE A - TOD	4-R11G-55
10	TRABERT TONY P & PETROS A D	4-R11G-51
11	DUNAWAY DONALD R - TOD	4-R11G-50.1
12	JOHNSON JACOB T & KATELYNN M	4-R11G-50.5
13	EDDY JOSEPH C & DEBRA A	4-R11-13
14	MCGADDEN CHARLES S & PATRICIA	4-R11-14
15	FRANZ THOMAN OHI; KARGE LINDA S	4-R11-9.5

TRACT	SURFACE OWNER	TAX PARCEL
16	VISNIC PAUL D	4-R11-18.3
17	VISNIC MARY SUE F & P	4-R11-18.5
18	VISNIC MARY SUE F & DAVID PAUL	4-R11-18.1
19	BONAR PAUL BRADLEY	4-R11-56
20	EDGE MARK C & A	4-R11-53
21	RUCKMAN MARY ANN TRUST; K CUSTER & D BANKNECHT TEE	4-R11-58
22	WHEELING PARK COMMISSION	4-R11-51.2
23	WHEELING PARK COMMISSION	4-R11-51.7
24	WHEELING PARK COMMISSION	4-R11-51.6
25	WHEELING PARK COMMISSION	4-R14-50.4
26	WHEELING PARK COMMISSION	4-R14-50.5
27	WHEELING PARK COMMISSION	4-R14-50.2
28	WHEELING PARK COMMISSION	4-R14-50.1
29	LATENFELD FRANK, LEBOW MYRA J	4-R14-34
30	MERRIMAN DOUGLAS J AND J	10-W14H-6
31	SHAFFER PAMELA S	10-W14H-7
32	ZUK GREGORY A	10-W14H-8
33	BURRESS JAMES JR & BUKA CHELSEA	10-W14H-9
34	THOMAS LUKE A & ASHLEY N	10-W14H-10
35	THOMAS LUKE A & ASHLEY N	10-R14H-11
36	GILLISPIE JOYCE A	10-W14H-15
37	CATER MARYANN N	4-W14H-8
38	VAWTER ROBERT L & CATER MARYANN M	4-R14H-1
39	CLATTERBUCK DOUGLAS W & CRYSTAL L CLATTERBUCK	4-R14H-5
40	CONTRAGUERRO MICHAEL J & PEGGY A	4-R14H-3
41	OGBEY FOUNDATION PROPERTIES INC	4-R14-31.30
42	OGBEY FOUNDATION PROPERTIES INC	4-R14M-5.2

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER	TAX PARCEL
43	OGLEBAY FOUNDATION PROPERTIES INC	4-R14M-2.4
44	DAMANT VIRGINIA	4-R14M-2.7
45	WITT CHARLES R & BRENDA K	4-R15-15
46	DAMANT VIRGINIA	4-R14R-34
47	HARMON KIMBERLY S & HARMOM DAVID L JR	4-R15-13
48	MCLAUGHLIN ALICE K TRUST; WESBANCO TRUST & INVESTMENT	4-R18-4
49	MCLAUGHLIN A LEE JR & K A	4-R18-4.1
50	KULL AUSTIN J & SARA R	4-R18-20
51	BRITTON KAYLA MARIE 1/2 INT & LAFOLLETT CHRISTOPHER 1/2 INT	4-R18-21.3
52	HOFFMAN JOHN G, RONALD L & HEATHER ANN ROSS	4-R18-24
53	715 PETERS RUN LLC	4-R18-27.2
54	HOFFMAN FAMILY IRREVOCALBE TRUST	4-R18-27.1
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	SOBOTA SUSAN J	4-R8-62.3
B	WRIGHT JOHN T & MELINDA L	4-R8P-11
C	SUTTON JACQUELINE M	4-R8Q-10
D	DAGUE AMY D	4-R8Q-11
E	KURNER DALE E & B J	4-R8Q-12
F	WHEELER JOLLY W JR & K M	4-R8Q-14
G	TAROVISKY FRANK J & S R - TOD	4-R8Q-28
H	TOMASIK PAULA J & EDWARD C	4-R8Q-3
I	TERAMANA RUSSELL & ROSEANN	4-R8Q-2
J	HUFFMAN KENDRA L & RALPH J	4-R8Q-60
K	ENNIS LOUIS J	4-R8Q-61
L	VDOVJAK J A III, J P VDOVJAKJR; NANETTEDEVALTAJ	4-R8Q-79
M	OHIO COUNTY PUBLIC SERV DIST	4-R11-15.3
N	OHIO COUNTY PUBLIC SERV DIST	4-R11-15.2
O	OHIO COUNTY PUBLIC SERV DIST	4-R8-72.3
P	TUNNEL RIDGE LLC	4-R8-72
Q	TUNNEL RIDGE LLC	4-R8-72.1
R	HERCULES DEBRA	4-R8-72.2
S	TUNNEL RIDGE LLC	4-R8-75
T	TUNNEL RIDGE LLC	4-R8-61.4
U	TUNNEL RIDGE LLC	4-R8-61.2
V	TUNNEL RIDGE LLC	4-R8-61.3
W	TUNNEL RIDGE LLC	4-R11-34.12
X	TUNNEL RIDGE LLC	4-R11-34.5
Y	TUNNEL RIDGE LLC	4-R11-34.8
Z	TUNNEL RIDGE LLC	4-R11-34.7
AA	TUNNEL RIDGE LLC	4-R11-34.2
AB	TUNNEL RIDGE LLC	4-R11-34.1
AC	TUNNEL RIDGE LLC	4-R11-34.9
AD	TUNNEL RIDGE LLC	4-R11-34.13
AE	TUNNEL RIDGE LLC	4-R12-1.3
AF	STANTON JAMES V & E M	4-R11-34.4
AG	STANTON JAMES & EDITH	4-R11-34.11
AH	STANTON JAMES V & EDITH M	4-R11-34
AI	RILEY CHRISTOPHER P & CHERYL D	4-R11-33
AJ	PAULL JUNE L - TOD	4-R11-15.1
AK	BULIAN LEE A & BULIAN DEIRDRE A	4-R11-29
AL	BOY SCOUTS COUNCIL OF AMERICA; HUOQUOIS	4-R11-36
AM	SLOAN BLANCHE P	4-R11G-44
AN	MOSES JOSEPH T SR & JEAN L	4-R11G-38
AO	RAPER EDWIN W & SHERRY	4-R11G-39
AP	RAPER EDWIN W AND SHERRY	4-R11L-13.1
AQ	RINGER NORMA J	4-R11G-40
AR	GRIFFITH JEFFREY L & KIMBERLY	4-R11G-41
AS	WHITE DAVID A AND JOANNE M	4-R11L-74
AT	PALMA MARY A	4-R11L-15
AU	NAMACK KYLE	4-R11L-18
AV	WOOD JEREMY B & TRACY M	4-R11-28
AW	VOLPE LOUIS A & CATHERINE A	4-R11L-25
AX	PASCOLI BARTLEY EDWARD & SEAN WYLIE PASCOLI	4-R11-23
AY	OHIO COUNTY PUBLIC SERVICE DISTRICT	4-R11-21.42
AZ	PARKS SYSTEM TRUST	4-R11-21.43

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BA	OHIO COUNY PUBLIC SERVICE DIST	4-R11-21.44
BB	WILHELM GEO T & C M	4-R11-39
BC	DANISON DENISE L	4-R11-24.1
BD	CUSTER ROBERT R & K A	4-R11-24.2
BE	WHEELING PARK COMMISSION	4-R11-38
BF	WHEELING PARK COMMISSION	4-R11-21.37
BG	WHEELING PARK COMMISSION	4-R11-21.2
BH	WHEELING PARK COMMISSION	4-R14-20.3
BI	WHEELING PARK COMMISSION	4-R14-20.6
BJ	WHEELING PARK COMMISSION	4-R14-20
BK	OGLEBAY FOUNDATION PROPERTIES INC	4-R14-31.6
BL	KONTOGIANNIS GEORGE J	4-R14-31
BM	OGLEBAY FOUNDATION PROPERTIES INC	4-R14-31.7
BN	WHEELING STATION LTD; C/O RED MORTGAGE CAPITOL INC	4-R14-31.3
BO	OGLEBAY FOUNDATION PROPERTIES INC	4-R14-31.31
BP	DIERKES JEANNINE & GLENN W	4-R15-16.8
BQ	HOPKINS LEWIS R & ROSEMARY-TOD	4-R15-16.6
BR	ARCHER BRUCE A AND SHEILA M	4-R15-17
BS	DAVIS JEREMY MICHAEL & LACEY	4-R15-16.2
BT	OGLEBAY FOUNDATION PROPERTIES INC	4-R14-88
BU	BAKER VENEIDA K	4-R15-16.16
BV	BAKER VENEIDA K	4-R15-16.15
BW	COLUMBIA GAS TRANSMISSION CORP	4-R15-14
BX	TRANK PATRICIA	4-R15-16.17
BY	HARMON DAVID L JR & KIMBERLY S	4-R15-12
BZ	CLOUSTON RAYMOND & HYDEE D	4-R15-9
CA	CLOUSTON RAYMOND & HYDEE D	4-R15-7
CB	KNOLLINGER DOUGLAS W & WILLA W	4-R15-5
CC	MCLAUGHLIN A LEE & KATHLEEN A	4-R15-2
CD	MCLAUGHLIN A LEE & KATHLEEN A	4-R18-6.1
CE	JOZWICK RICHARD J & CRYSTAL	4-R18-5
CF	SIMMONS CHRISTOPHER L	4-R18-16
CG	MCCONNELL ROBERT J JR	4-R18-15
CH	MCKENNEN REBECCA J	4-R18-17
CI	THOMPSON DONALD T & MELISSA A	4-R18-18
CJ	THOMPSON DONALD T & MELISSA A	4-R18-19
CK	NELSON RONALD D JR	4-R18-19.2
CL	NELSON RONALD D JR	4-R18-19.1
CM	HESS KEVIN & STACEE L	4-R18-22.2
CN	HORVAT COX LINDA JO ESTATE	4-R18-22
CO	HOFFMAN JOHN GEORGE & SHIRLEY LAYA HOFFMAN - TOD	4-R18-23.1
CP	HOFFMAN JOHN GEORGE & SHIRLEY LAYA HOFFMAN - TOD	4-R18-24.1
CQ	WEISENBORN ERIC P	4-R18-27.5
CR	HOFFMAN ROBERT LEE JR & BIERKORETTE BERNADINE	4-R18-27
CS	NIZAMI SALEEM & DENITRA	4-R18-3
CT	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-21.2
CU	MILLER D JOSHUA & TERESA C TORISEVA	4-R18-21.1
CV	MILLER D JOSHUA & TERESA C TORISEVA	4-R18-21.5
CW	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-25
CX	TEMPLETON JOHN J DR & LISA J CO-TRUSTEES	4-R18-27.4
CY	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-27.3
CZ	LAFOLLETT MARY BETH & LAFOLLET CHRISTOPHER NEAL	4-R18-21
DA	CRONIN AMY PERKO &CRONIN CHEYENNE WILLIAM	4-R18-21.4
DB	MCLAUGHLIN A LEE & KATHLEEN	4-R18-4.2
DC	ROBINSON RICHARD J	4-R18A-2
DD	ROBINSON RICHARD J	4-R18A-1
DE	HUMWAY ROSE	4-R17D-81
DF	HARE SARAH ELLEN & SWICK ELIZABETH ANN	4-R17D-145
DG	BRYAN KATHLEEN J & BRYAN STELLA M	4-R17D-144
DH	MARLING JASON A	4-R17D-143
DI	SMITH SANDRA E	4-R17D-141
DJ	RINE DAVID R & TAMMY K	4-R18-4.3
DK	CHIPLINSKI JUNE A	4-R14-87
DL	OBRIEN SEAN P	4-R14-85
DM	VERCELLOTTI CELESTINA S/S 1996	4-R14R-33
DN	HEMPELMANN FRIEDRICH ERNST & DEBORAH COLLEEN HEMPELMANN	4-R14R-32

REVISIONS:

COMPANY:

SWN

Production Company, LLC

SWN

Production Company™

OPERATOR'S

FRANZ THOMAN OHI

DATE: 02-06-2025

WELL #:

8H

API NO: 47-069-00372

DISTRICT:

COUNTY:

STATE:

RICHLAND

OHIO

WV

SCALE:

DRAWING NO:

WELL LOCATION PLAT

N/A

2018-781

WELL LOCATION PLAT		DRAWING NO: 2018-781		SCALE: 1"=40'		DRAWN BY: J. WOOD		DATE: 02-08-2025	
RICHLAND		OHIO		COUNTY:		STATE: WV		FRANZ THOMAN OH	
WELL #:		8H		OPERATOR:		COMPANY: Production Company, LLC		Production Company, LLC	
REVISIONS:		07/25/2025							

TRACT	SURFACE OWNER	TAX PARCEL
43	OGEBA FOUNDATION PROPERTIES INC	4-R14M-5-4
44	DAMANT VIRGINIA	4-R14M-5-7
45	WITT CHARLES R & BRENDA K	4-R12-12
46	DAMANT VIRGINIA	4-R14R-34
47	HARMON KIMBERLY S & HARMON DAVID JR	4-R12-13
48	MCLAUGHLIN ALICE K TRUST; WESBANCOR TRUST & INVESTMENT	4-R18-4
49	MCLAUGHLIN A LEE JR & K A	4-R18-4-1
50	KULL AUSTIN J & SARA R	4-R18-50
51	BRITTON KAYLA MARIE 1/3 INT & LAFORETT CHRISTOPHER 1/3 INT	4-R18-51-3
52	HOFFMAN JOHN G, RONALD L & HEATHER ANN ROSS	4-R18-54
53	715 PETERS RUN LLC	4-R18-57-5
54	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-57-1
ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	SOBOTA SUSAN J	4-R8-62-3
B	WRIGHT JOHN T & MELINDA J	4-R8P-11
C	SUTTON JACQUELINE M	4-R8O-10
D	DAQUE AMY D	4-R8O-11
E	KUERNER DALE E & B J	4-R8O-12
F	WHEELER JOLLY W JR & K M	4-R8O-14
G	TAROVISKY FRANK J & S R - TOD	4-R8O-58
H	TOMASIK PAULA J & EDWARD C	4-R8O-3
I	TERAMANA RUSSELL & ROSEANN	4-R8O-5
J	HUFFMAN KENDRA L & RALPH J	4-R8O-60
K	ENNIS LOUIS J	4-R8O-61
L	VDOVLAK J A III, J P DOVLAK JR; NANETTE DEVAULT	4-R8O-79
M	OHIO COUNTY PUBLIC SERV DIST	4-R11-12-3
N	OHIO COUNTY PUBLIC SERV DIST	4-R11-12-5
O	OHIO COUNTY PUBLIC SERV DIST	4-R8-73-3
P	TUNNEL RIDGE LLC	4-R8-75
Q	TUNNEL RIDGE LLC	4-R8-75-1
R	HERCULES DEBRA	4-R8-75-2
S	TUNNEL RIDGE LLC	4-R8-75
T	TUNNEL RIDGE LLC	4-R8-61-4
U	TUNNEL RIDGE LLC	4-R8-61-5
V	TUNNEL RIDGE LLC	4-R8-61-3
W	TUNNEL RIDGE LLC	4-R11-34-12
X	TUNNEL RIDGE LLC	4-R11-34-2
Y	TUNNEL RIDGE LLC	4-R11-34-8
Z	TUNNEL RIDGE LLC	4-R11-34-7
AA	TUNNEL RIDGE LLC	4-R11-34-5
AB	TUNNEL RIDGE LLC	4-R11-34-1
AC	TUNNEL RIDGE LLC	4-R11-34-9
AD	TUNNEL RIDGE LLC	4-R11-34-13
AE	TUNNEL RIDGE LLC	4-R12-1-3
AF	STANTON JAMES V & E M	4-R11-34-4
AG	STANTON JAMES & EDITH	4-R11-34-11
AH	STANTON JAMES V & EDITH M	4-R11-34
AI	RILEY CHRISTOPHER P & CHERYL D	4-R11-33
AJ	PAUL JUNE L - TOD	4-R11-12-1
AK	BULIAN LEE A & BULIAN DEIRDRE A	4-R11-59
AL	BOY SCOUTS COUNCIL OF AMERICA; HUROQUOIS	4-R11-36
AM	SLOAN BLANCHE P	4-R11G-44
AN	MOSES JOSEPH T SR & JEAN L	4-R11G-38
AO	RAPER EDWIN W & SHERY	4-R11G-39
AP	RAPER EDWIN W AND SHERY	4-R11L-13-1
AQ	RINGER NORMA J	4-R11G-40
AR	GRIFFITH JEFFREY J & KIMBERLY	4-R11G-41
AS	WHITE DAVID A AND JOANNE M	4-R11L-74
AT	PALMA MARY A	4-R11L-12
AU	NAMACK KYLE	4-R11L-18
AV	WOOD JEREMY B & TRACY M	4-R11-58
AW	VOPE LOUIS A & CATHERINE A	4-R11L-52
AX	PASCOLI BARTLEY EDWARD & SEAN WYLLIE PASCOLI	4-R11-53
AY	OHIO COUNTY PUBLIC SERVICE DISTRICT	4-R11-51-42
AZ	PARKS SYSTEM TRUST	4-R11-51-43

TRACT	SURFACE OWNER	TAX PARCEL
BA	OHIO COUNTY PUBLIC SERVICE DIST	4-R11-51-44
BB	WILHELM GEORGE T & C M	4-R11-39
BC	DANISON DENISE J	4-R11-54-1
BD	CUSTER ROBERT R & K A	4-R11-54-2
BE	WHEELING PARK COMMISSION	4-R11-38
BF	WHEELING PARK COMMISSION	4-R11-51-37
BG	WHEELING PARK COMMISSION	4-R11-51-5
BH	WHEELING PARK COMMISSION	4-R14-50-3
BI	WHEELING PARK COMMISSION	4-R14-50-6
BJ	WHEELING PARK COMMISSION	4-R14-50
BK	OGEBA FOUNDATION PROPERTIES INC	4-R14-31-6
BL	KONTOGIANIS GEORGE J	4-R14-31
BM	OGEBA FOUNDATION PROPERTIES INC	4-R14-31-7
BN	WHEELING STATION LTD; C/O RED MORTGAGE CAPITAL INC	4-R14-31-3
BO	OGEBA FOUNDATION PROPERTIES INC	4-R14-31-31
BP	DIERKES JEANINE & GLENN W	4-R12-16-8
BQ	HOPKINS LEWIS R & ROSEMARY-TOD	4-R12-16-6
BR	ARCHER BRUCE A AND SHEILA M	4-R12-17
BS	DAVIS JEREMY MICHAEL & LACEY	4-R12-16-5
BT	OGEBA FOUNDATION PROPERTIES INC	4-R14-88
BU	BAKER VENIEDA K	4-R12-16-16
BV	BAKER VENIEDA K	4-R12-16-12
BW	COLUMBIA GAS TRANSMISSION CORP	4-R12-14
BX	TRANK PATRICIA	4-R12-16-17
BY	HARMON DAVID JR & KIMBERLY S	4-R12-12
BZ	CLOUSTON RAYMOND & HYDE D	4-R12-9
CA	CLOUSTON RAYMOND & HYDE D	4-R12-7
CB	KNOELLINGER DOUGLAS W & WILMA W	4-R12-2
CC	MCLAUGHLIN A LEE & KATHLEEN A	4-R12-5
CD	MCLAUGHLIN A LEE & KATHLEEN A	4-R18-6-1
CE	JOZWICK RICHARD J & CRYSTAL	4-R18-2
CF	SIMMONS CHRISTOPHER J	4-R18-16
CG	MCCONNELL ROBERT J JR	4-R18-12
CH	MCKENNEY REBECCA J	4-R18-17
CI	THOMPSON DONALD T & MELISSA A	4-R18-18
CJ	THOMPSON DONALD T & MELISSA A	4-R18-19
CK	NELSON RONALD D JR	4-R18-19-5
CL	NELSON RONALD D JR	4-R18-19-1
CM	HESS KEVIN & STACEE J	4-R18-55-5
CN	HORVAT COX LINDA JO ESTATE	4-R18-52
CO	HOFFMAN JOHN GEORGE & SHIRLEY LAYLA HOFFMAN - TOD	4-R18-53-1
CP	HOFFMAN JOHN GEORGE & SHIRLEY LAYLA HOFFMAN - TOD	4-R18-54-1
CQ	WEISENBORN ERIC P	4-R18-52-5
CR	HOFFMAN ROBERT LEE JR & BIEKORKETTE BERNADINE	4-R18-57
CS	NIZAMI SALEEM & DENIARA	4-R18-3
CT	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-51-5
CU	MILLER D JOSEPH A & TERESA C TORISEVA	4-R18-51-1
CV	MILLER D JOSEPH A & TERESA C TORISEVA	4-R18-51-2
CW	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-52
CX	TEMPLETON JOHN J DR & LISA J CO-TRUSTEES	4-R18-57-4
CY	HOFFMAN FAMILY IRREVOCABLE TRUST	4-R18-57-3
CZ	LAFORETT MARY BETH & LAFORETT CHRISTOPHER NEAL	4-R18-51
DA	CRONIN AMY PERKO & CRONIN CHEYENNE WILLIAM	4-R18-51-4
DB	MCLAUGHLIN A LEE & KATHLEEN	4-R18-4-5
DC	ROBINSON RICHARD J	4-R18A-5
DD	ROBINSON RICHARD J	4-R18A-1
DE	HUMWAY ROSE	4-R17D-81
DF	HARE SARAH ELLEN & SWICK ELIZABETH ANN	4-R17D-142
DG	BRYAN KATHLEEN J & BRYAN STELLA M	4-R17D-144
DH	MARLING JASON A	4-R17D-143
DI	SMITH SANDRA E	4-R17D-141
DJ	RINE DAVID R & TAMMY K	4-R18-4-3
DK	CHIPINSKI JUNE A	4-R14-87
DL	OBRIEN SEAN P	4-R14-82
DM	VERCELLOTTI CECILIA A/S 1999	4-R14R-33
DN	HEMPELMANN FRIEDRICH ERNST & DEBORAH COLLEEN HEMPelman	4-R14R-35

ADJOINING OWNERS TABLE			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
DO	BECKER CORY M & OLIVIA A	4-R14R-2	GG	CAMPBELL WM P & SUZANNE	4-R11L-12
DP	FIGARETTI MARIO ET AL	4-R14R-3	GH	MOORE CHERYL IRENE ET AL	4-R11G-19
DQ	WALLACE WILLIAM H	4-R14R-4	GI	FULOP JOZSEF A & C L	4-R11G-18
DR	POLUS JODY M & ALEXANDRIA M	4-R14R-5	GJ	COWAN JACQUELYN J	4-R11G-17.1
DS	POLUS JODY M & ALEXANDRIA M	4-R14R-6	GK	DOYLE LYNETTE - TOD	4-R11G-17
DT	DIGIANDOMENICO RYAN J & DIGIANDOMENCO KRISTEN LEE	4-R14R-6.1	GL	REINEKE JAMES H & D L	4-R11G-27.1
DU	DIGIANDOMENICO RYAN J & DIGIANDOMENCO KRISTEN LEE	4-R14R-7	GM	CUNNINGHAM ERIN L & MICHAEL A	4-R11G-31.1
DV	NEWMAN LEWIS S V & C L	4-R14R-8	GN	CUNNINGHAM ERIN L & MICHAEL A	4-R11G-31
DW	ALBERTINI BERNARD F & C A	4-R14R-9	GO	GREENE MICHAEL J	4-R11G-32
DX	FITZPATRICK ALAN H & ROSE BETTY C	4-R14R-10	GP	CUNNINGHAM ERIN L & MICHAEL A	4-R11G-32.1
DY	PORCH CHARLES	4-R14R-11	GQ	MILLER OLIVIA M	4-R11G-27
DZ	SHULTZ MICHAEL A	4-R14R-12	GR	SCHRAMM ALEXANDER M & ALESHIA M SCHRAMM	4-R11-16.18
EA	BELLI DINO P & MEGAN R	4-R14R-13.1	GS	KLOS MARIE A	4-R11-16
EB	BELLI DINO P & MEGAN R	4-R14R-13	GT	PROTESTENT EPISCOPAL CHURCH DIOCESE OF WV TRUSTEES	4-R11-16.1
EC	BELLI DINO P & MEGAN R	4-R14R-14	GU	PROTESTENT EPISCOPAL CHURCH DIOCESE OF WV TRUSTEES	4-R11-16.2
ED	PLEVA THOMAS M & BARBARA J	4-R14R-15	GV	LAWRENCEFIELD CHAPEL TRUSTEES	4-R11-16.8
EE	SEIVERTSON DAVID J & TRACIE L	4-R14R-16	GW	MOLNAR KRISTINE N	4-R11-16.4
EF	GRIFFITH NORMA V	4-R14M-12	GX	MOLNAR KRISTINE N	4-R11-13.1
EG	GRIFFITH N V & J E	4-R14M-11	GY	MOLNAR KRISTINE N	4-R11-13.4
EH	GRIFFITH DOROTHY V	4-R14M-10	GZ	NEUMANN KURT ROBERT	4-R11-13
EI	FORTUNA ALEX C JR	4-R14M-9	HA	TUNNEL RIDGE LLC	4-R8-62.4
EJ	FORTUNA ALEX C JR	4-R14M-4	HB	TUNNEL RIDGE LLC	4-R8P-14
EK	FORTUNA ALEX C JR	4-R14M-4	HC	WEAVER SHIRLEY M	4-R8P-2
EL	GRIFFITH DOROTHY V	4-R14M-2	HD	TUNNEL RIDGE LLC	4-R8P-16
EM	GRIFFITH VINCENT A & RITA L	4-R14M-2.9	HE	CRAFT JOSEPH W III FOUNDATION	4-R8-51
EN	GRIFFITH RITA L & VINCENT A JR, TRUSTEE	4-R14M-2.10	HF	MCGEE JOHN M	4-R8P-17
EO	GRIFFITH DOROTHY V	4-R14M-2.6	HG	GAYDA DONALD P	4-R8P-18
EP	GRIFFITH DOROTHY V	4-R14M-2.3	HH	BOND CHARLES R	4-R8K-110
EQ	KOLAS LINDA L ET AL	4-R14M-1	HI	SCHWERTFEGER TYLER S	4-R8K-111
ER	GRIFFITH DOROTHY V	4-R14M-2.8	HJ	SCHWERTFEGER TYLER S	4-R8K-112
ES	GANGA PRABHAKAR & KEKA	4-R14H-36	HK	REED ELMER & JOY	4-R8K-105
ET	BERARDINELLI JON L & STEPHANIE	4-R14H-38	HL	BOZENSKE B H AND OKELLEY K J	4-R8K-104
EU	KELLY JAMES & CAROLINE	4-R14H-7	HM	WILSON RAY B & ANN M	4-R8-62.7
EV	KELLY JAMES & CAROLINE	4-R14H-6.1	HN	MILLARD BRITTANY LYNN	4-R8-62.6
EW	COSTANZO KATHLEEN A - TOD	4-R14H-6.2	HO	MULDREW DAVID R & KAREN	4-R8K-101
EX	COSTANZO KATHLEEN A - TOD	4-R14H-6	HP	TAYLOR DELORA L - TOD	4-R8K-100
EY	TORISEVA TERESA C & JOSHUA D MILLER	4-R14H-5	HQ	MAJEWSKI KASMIR & MAJEWSKI EDWARD A	4-R8-62.2
EZ	MYNDRESKU SILVIA & MARTIN JOHN	4-R14H-4	HR	MAJEWSKI KASMIR & MAJEWSKI EDWARD A	4-R8-62.8
FA	AULICK NEAL F II & GINGER G	4-R14H-11	HS	WRIGHT TAMMY L	4-R11G-30
FB	ANDREAS THOMAS G & K S (TOD)	4-R14H-10	HT	SCHNEIDER CAROLYN JAN	4-R11G-30.1
FC	LONGO LOUIS	4-R14H-9	HU	SOBRAY J TRUST; SOBRAY JANICE C TRUSTEE	4-R11G-34
FD	EDGMON JEREMY J AND KARI C	4-R14H-18	HV	PEKLINSKY JAMES S & MONICA J	4-R11G-35.1
FE	GEYER ANTOINETTE C	4-R14H-30	HW	MICHAELS DIANA J	4-R11G-35
FF	KOVALESKY RAY AND LESLIE	10-W14H-29	HX	LAWSON JOYCE A - TOD	4-R11G-21.1
FG	KOVALESKY RAY AND LESLIE	10-W14H-2	HY	SHACKELFORD JEFFREY D & JODI A	4-R11G-36
FH	KOVALESKY RAY AND LESLIE	10-W14H-3	HZ	SCHMITT JEAN M	4-R14-31.2
FI	CHMEL ELISA A & DEAN T	10-W14H-4	IA	SCHMITT JEAN M	4-R14-33.2
FJ	CHMEL ELISA A & DEAN T	10-W14H-1.3	IB	SCHMITT LUKE T & NICOLE K	4-R14-33.4
FK	MCCOMBS DAVID BRADLEY	10-W14H-5	IC	SCHMITT LUKE T & NICOLE K	4-R14-33.3
FL	DEGUZMAN CRISTINA L	4-R14-35	ID	ZAMBITO RICARDO D & CHERYL A	4-R14-33.1
FM	HUGHES MARY ELIZABETH	4-R14-36	IE	ZAMBITO RICARDO D & C A	10-W14H-18
FN	WHEELING PARK COMMISSION	4-R14-15.1	IF	LESHUK GARY M & L B	10-W14H-17
FO	WHEELING PARK COMMISSION	4-R14-15.2	IG	OLSAVSKY JOHN F AND JUDITH A	10-W14H-16
FP	CITY OF WHEELING	4-R14-15	IH	MCCULLOUGH SAMUEL M & M	10-W14H-15
FQ	PARKS SYSTEM TRUST FUND OF WHEELING	4-R11-21.3	II	TUNNEY WILLIAM P	10-W14H-14
FR	WHEELING PARK COMMISSION	4-R14-91	IJ	O'TOOLE WILLIAM A & ELEANOR F	10-W14H-13
FS	WHEELING PARK COMMISSION	4-R11-21.4	IK	WHYTE LINDA A	10-W14H-27
FT	WHEELING PARK COMMISSION	4-R11-20.1	IL	KYLE KELSEY A	10-W14H-28
FU	SISTERS OF ST JOSEPH OF WHG	4-R11-20	IM	OCONNELL LESLIE	10-W14H-26
FV	SISTERS OF ST JOSEPH OF WHG	4-R11-21	IN	DWYER SHELLEY A & VINCENT J JR	10-W14H-25
FW	KEEFER FRANK JAY - TOD	4-R11-21.28	IO	GORDON BRUCE D	10-W14H-24
FX	KEEFER F JAY	4-R11L-39	IP	DORSEY JOHN T III & L A	10-W14H-23
FY	RICE BLAISE A	4-R11L-31			
FZ	SPIELVOGEL TODD J	4-R11L-32			
GA	RUCKMAN MARY ANN TRUST & K CUSTER & D BAUKNECHT TEES	4-R11L-29			
GB	MARTIN NATHANIEL M & SCARNECHIA BRANDI L	4-R11L-8			
GC	WADSWORTH GARY M & N A	4-R11L-9.1			
GD	PADDEN BETH ANN & KARGE LINDA S	4-R11L-9			
GE	DERICO DEBORAH KAY - TOD	4-R11L-10			
GF	PISSOS DONNA JEAN - TOD	4-R11L-11.1			

REVISIONS:

COMPANY:

SWN

Production Company, LLC

SWN

Production Company™

OPERATOR'S

FRANZ THOMAN OHI

WELL #:

8H

DISTRICT:

RICHLAND

COUNTY:

OHIO

STATE:

WV

DATE: 02-06-2025

API NO: 47-069-00372

DRAWN BY: Z. WOOD

SCALE: N/A

DRAWING NO: 2018-781

WELL LOCATION PLAT

	BIGHAND DISTRICT:	OHIO COUNTY:	MA STATE:	MEET LOCATION BYAL DRAVINS NO:3018-181 SCAGE: N/A
	MEET #:	8H		DRAVIN BY: S. MOOD BY NO: 11-000-00235 DATE: 05-00-3032
	ОБЕРАТОР,2	FRANIS THOMAN OHI		
	Production Company LLC		Production Company LLC	
	COMPANY:		COMPANY:	
	2MI		2MI	
RELATIONS:				

CE	BYSSOS DONIA TEVI - LOD	4-BTTT-11.1
CE	DEBICO DEBORAH KAY - LOD	4-BTTT-10
ED	BADDEI BETH ANN & KAYCE PINDA 2	4-BTTT-0
EC	MADZMOWITH CARY M & N A	4-BTTT-0.1
EB	MARTIN MATTHAIEG M & SCARVIESCHIA BRANDI G	4-BTTT-8
EA	BUSKMAN MARY ANN TRUST & C SPZTEB & D BARKHESCHT LEE2	4-BTTT-30
ES	ZIEGLOCEG TODD I	4-BTTT-35
EA	BICE BVAIZE A	4-BTTT-31
EX	KEEFE E TAY	4-BTTT-30
EW	KEEFE ERYAN TAY - LOD	4-BTT-31.38
EA	ZIGTEB2 OF 21 TOZEBH OF MHC	4-BTT-31
EU	ZIGTEB2 OF 21 TOZEBH OF MHC	4-BTT-30
EL	MHEEPIC BARK COMMISSION	4-BTT-30.1
E2	MHEEPIC BARK COMMISSION	4-BTT-31.4
EB	MHEEPIC BARK COMMISSION	4-BTT-01
EO	BARK2 ZAGTEW TRUST FUND OF MHEEPIC	4-BTT-31.3
EB	CITL OF MHEEPIC	4-BTT-12
EO	MHEEPIC BARK COMMISSION	4-BTT-12.3
EN	MHEEPIC BARK COMMISSION	4-BTT-12.1
EW	HUCHE2 MARY EGISABETH	4-BTT-30
EG	DEBUSMAN CRISTINA G	4-BTT-32
EK	WCCOMB2 DAVID BRADLEY	10-MTQH-2
EL	CHWEG EPI2 A & DEAN T	10-MTQH-1.3
EL	CHWEG EPI2 A & DEAN T	10-MTQH-4
EH	KOLAFESKA BAY AND GEGIE	10-MTQH-3
EE	KOLAFESKA BAY AND GEGIE	10-MTQH-3
EE	KOLAFESKA BAY AND GEGIE	10-MTQH-30
ED	CELES VITOINELLE C	4-BTTQH-30
ED	EDSWON TEBEMA 1 AND KARI C	4-BTTQH-18
EC	GONEO GONIG	4-BTTQH-0
EB	VIDBEA2 THOMAS2 E & K 2 (LOD)	4-BTTQH-10
EA	ALPICK NEAG E II & EINCEB E	4-BTTQH-11
ES	MAYDWE2KU ZIGLIA & MARTIN JONH	4-BTTQH-4
EA	LOVIGELA TEBE2A C & TOZHNDA D WIGEB	4-BTTQH-2
EX	COSIANSO KATHGEEI A - LOD	4-BTTQH-0
EW	COSIANSO KATHGEEI A - LOD	4-BTTQH-0.3
EA	KEGA TAME2 & SAROPINE	4-BTTQH-0.1
EU	KEGA TAME2 & SAROPINE	4-BTTQH-1
EL	BERAVDINEG1 TOI G & ZIEPHANIE	4-BTTQH-38
E2	DAVISA BRYAVHAKAB & KEKA	4-BTTQH-30
EB	GRIFETH DOBOTHY A	4-BTTQM-3.8
EO	KOL2 PINDA G ET AL	4-BTTQM-1
EB	GRIFETH DOBOTHY A	4-BTTQM-3.3
EO	GRIFETH DOBOTHY A	4-BTTQM-3.0
EN	GRIFETH BTA G & LINCEN1 ATR1 TRUSTEE	4-BTTQM-3.10
EW	GRIFETH LINCEN1 A & BTA G	4-BTTQM-3.0
EG	GRIFETH DOBOTHY A	4-BTTQM-3
EK	FORTHUA ALEX C TR	4-BTTQM-4
EL	FORTHUA ALEX C TR	4-BTTQM-4
EL	FORTHUA ALEX C TR	4-BTTQM-0
EH	GRIFETH DOBOTHY A	4-BTTQM-10
EG	GRIFETH I A & I E	4-BTTQM-11
EE	GRIFETH IORMA A	4-BTTQM-15
EE	ZEIVERTSON DAVID I & TRACIE G	4-BTTQH-10
ED	BYELA THOMAS2 M & BAYBABA 1	4-BTTQH-12
EC	BEPI DIHO B & MEDAN B	4-BTTQH-14
EB	BEPI DIHO B & MEDAN B	4-BTTQH-13
EA	BEPI DIHO B & MEDAN B	4-BTTQH-13.1
D3	ZHUTLS MICHAE A	4-BTTQH-15
DA	BOYCH CHABGE2	4-BTTQH-11
DX	ETZBATWICK AGAN H & ROZE BETTY C	4-BTTQH-10
DM	AGBERLINI BEVABD E & C A	4-BTTQH-0
DL	MEMMANI GEMIG 2 A & C G	4-BTTQH-8
DN	DIGIANDOMEISCO BAYI 1 & DIGIANDOMEISCO KWIZEN GEE	4-BTTQH-1
DL	DIGIANDOMEISCO BAYI 1 & DIGIANDOMEISCO KWIZEN GEE	4-BTTQH-0.1
D2	BOG2 TORDY M & AGEXANDRIA M	4-BTTQH-0
DB	BOG2 TORDY M & AGEXANDRIA M	4-BTTQH-2
DO	MALGACE MIFIAM H	4-BTTQH-4
DB	FICABETTI MARIO ET AL	4-BTTQH-3
DO	BECKER COVA M & OPLIA A	4-BTTQH-3
TRACT	ZURFACE OMIER	TAX PARCEL
ADDITIONAL OWNERS TABLE		

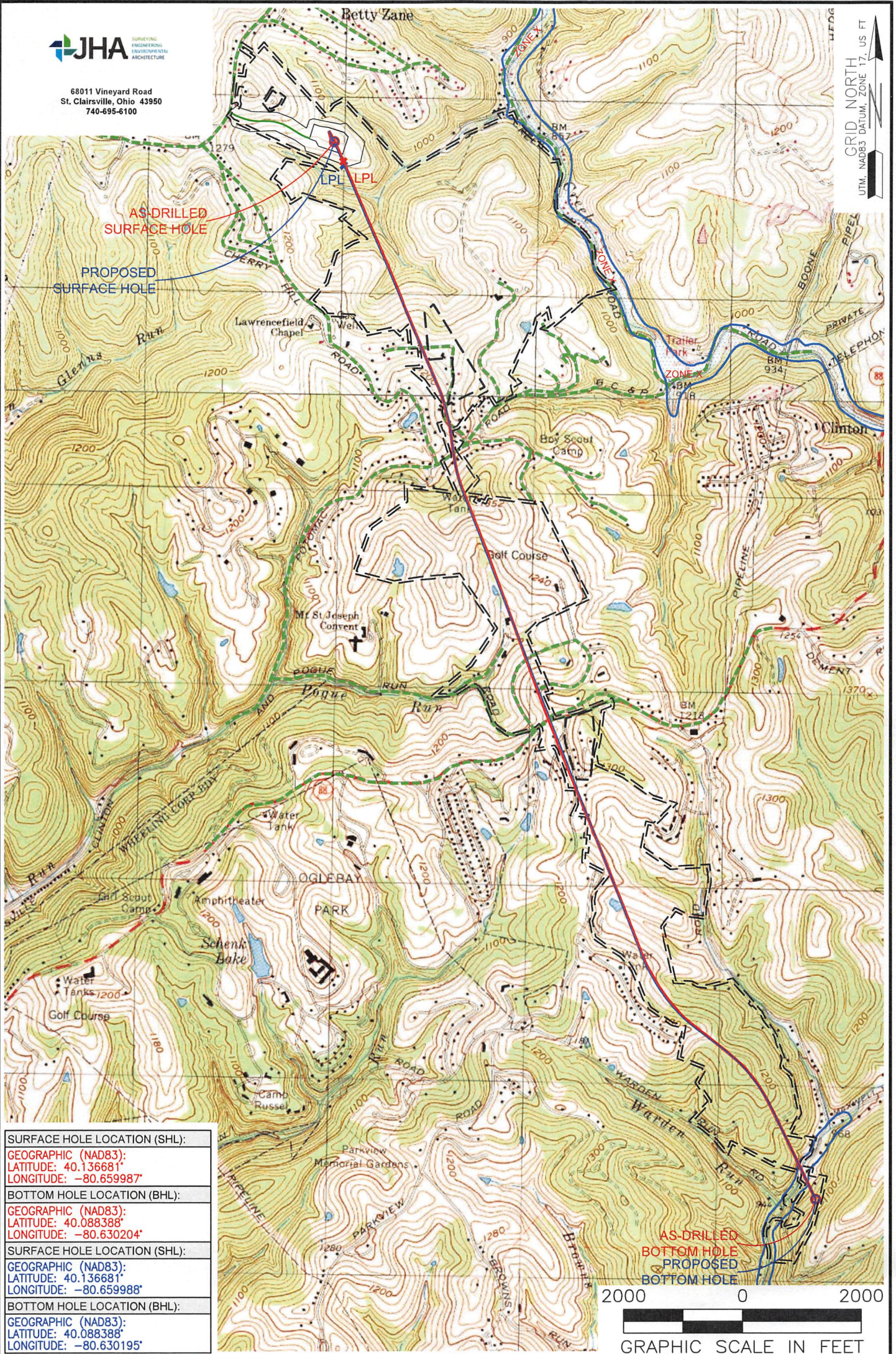
IB	DOB2EA JONH I III & G A	10-MTQH-33
IO	COBDOI BRUCE D	10-MTQH-34
IM	DMABE ZHEGEL A & LINCEN1 1 TR	10-MTQH-32
IM	OSONIEGT GEGIE	10-MTQH-30
IG	KAGE KEGEL A	10-MTQH-38
IK	MHATE PINDA A	10-MTQH-31
IL	O.LOGE MIFIAM A & EGEVIOB E	10-MTQH-13
IL	LUNIEL MIFIAM B	10-MTQH-14
IH	WCCNPGONCH ZAMNEG M & M	10-MTQH-12
IE	OGZAL2KA JONH E AND JORDIN A	10-MTQH-10
IE	GEZHUK CARY M & G B	10-MTQH-11
IE	ZAMBITO BICABDO D & C A	10-MTQH-18
ID	ZAMBITO BICABDO D & CHEBAG A	4-BTT-33.1
IC	ZCHWILL TUKA 1 & WICOTE K	4-BTT-33.3
IB	ZCHWILL TUKA 1 & WICOTE K	4-BTT-33.4
IV	ZCHWILL TEVI M	4-BTT-33.3
H3	ZCHWILL TEVI M	4-BTT-31.3
HA	ZHACKGEOR2 TEEBEA D & JODI A	4-BTT-30
HX	LAWSOI TOACE A - LOD	4-BTT-31.1
HM	MICHAE2 DIANA 1	4-BTT-32
HA	BEKPI2KA TAME2 2 & MOINCA 1	4-BTT-32.1
HO	ZOBVAY 1 TRUST: ZOBVAY TAINCE C TRUSTEE	4-BTT-34
HL	ZCHNEIDER CAROLAN TAY	4-BTT-30.1
H2	MBICHT TAMMA G	4-BTT-30
HB	MATEW2KI KAZMIB & MATEW2KI EDWARD A	4-B8-03.8
HO	MATEW2KI KAZMIB & MATEW2KI EDWARD A	4-B8-03.3
HB	TAYGOS DEFORA G - LOD	4-B8K-100
HO	WUGDBEM DAVID B & KAYEN	4-B8K-101
HI	MIFABD BRTTANA TAYI	4-B8-03.0
HM	MIGZOI BAY B & YINI M	4-B8-03.1
HG	BOZEINKE B H AND OKETEL K 1	4-B8K-104
HK	BEED EFWEB & TOA	4-B8K-102
HI	ZCHWEBTECEB TAGE 2	4-B8K-113
HI	ZCHWEBTECEB TAGE 2	4-B8K-111
HH	BOID CHABGE2 B	4-B8K-110
HE	CALDA DONARD B	4-B8b-18
HE	WCEE JONH M	4-B8b-11
HE	CAVET TOZEBH M III FOUNDATION	4-B8-21
HD	LUNIEG BIDCE GTC	4-B8b-10
HC	MEALAB ZHIBGEL M	4-B8b-3
HB	LUNIEG BIDCE GTC	4-B8b-14
HA	LUNIEG BIDCE GTC	4-B8-03.4
ES	NEPMANII KUB1 BOBERT	4-BTT-13
EA	MOGIVB KWIZINE I	4-BTT-13.4
EX	MOGIVB KWIZINE I	4-BTT-13.1
EW	MOGIVB KWIZINE I	4-BTT-10.4
EA	LAMBENCIEG2 CHABEG TRUSTEE2	4-BTT-10.8
EU	BYOTESTEN1 EBYCOBAG CHNBSCH DIOCEGE OF MA TRUSTEE2	4-BTT-10.3
EL	BYOTESTEN1 EBYCOBAG CHNBSCH DIOCEGE OF MA TRUSTEE2	4-BTT-10.1
E2	KGO2 MABIE A	4-BTT-10
EB	ZCHBAMM AGEXANDER M & AGESHA M ZCHBAMM	4-BTT-10.18
EO	MIGEB OPLIA M	4-BTT-31
EB	SPINIINCHAM EBII G & MICHAE A	4-BTT-35.1
EO	SEBENE MICHAE 1	4-BTT-35
EN	SPINIINCHAM EBII G & MICHAE A	4-BTT-31
EW	SPINIINCHAM EBII G & MICHAE A	4-BTT-31.1
EG	BEINEKE TAME2 H & D G	4-BTT-31.1
EK	DOAGE LAMETTE - LOD	4-BTT-11
EL	COMAN TACONELAN 1	4-BTT-11.1
EL	ELGOS TOZEE A & C G	4-BTT-18
EH	MOORE CHEBAG IBEIE ET AL	4-BTT-10
EC	CAMBEBET MM B & ZUSANIE	4-BTT-15
TRACT	ZURFACE OMIER	TAX PARCEL
ADDITIONAL OWNERS TABLE		

07/25/2025



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

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



SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 40.136681°
LONGITUDE: -80.659987°

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 40.088388°
LONGITUDE: -80.630204°

SURFACE HOLE LOCATION (SHL):

GEOGRAPHIC (NAD83):
LATITUDE: 40.136681°
LONGITUDE: -80.659988°

BOTTOM HOLE LOCATION (BHL):

GEOGRAPHIC (NAD83):
LATITUDE: 40.088388°
LONGITUDE: -80.630195°

NOTES ON SURVEY

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

LEGEND:

- EXISTING BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LPL EXISTING LANDING POINT LOCATION
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- LPL PROPOSED LANDING POINT LOCATION

- 07/25/2025
- PUBLIC ROAD
- FLOOD PLAIN
- LEASE BOUNDARY
- ASDRILLED PATH
- PROPOSED PATH

WELL OPERATOR:
SWN PRODUCTION COMPANY, LLC

ADDRESS:
1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508

SURFACE OWNER:
FRANZ THOMAN

WELL (FARM) NAME:
FRANZ THOMAN OHI

COUNTY:
OHIO

CODE:
069

DISTRICT:
RICHLAND

API #
47-069-00372

USGS 7 1/2 QUADRANGLE MAP NAME:
TILTONVILLE, OH-WV