

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

API 47 - 069 - 00371 County Ohio District Richland
Quad Tiltonsville Pad Name Franz Thoman Field/Pool Name Appalachia South
Farm name Franz Thoman OHI Well Number 206H
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 4,442,985.53 Easting 528,957.21
Landing Point of Curve Northing 4,443,160.48 Easting 528,317.74
Bottom Hole Northing 4,439,865.87 Easting 529,622.85

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 2024-08-26 Date drilling commenced 2024-12-29 Date drilling ceased 2025-01-12
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 332 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

09/26/2025

WR-35
Rev. 8/23/13

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API 47- 069 - 00371 Farm name Franz Thoman OHI Well number 206H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	20.000	20.000	136		J-55/94.00		Y
Surface	17.500	13.375	420		J-55/54.50		Y
Coal							
Intermediate 1	12.250	9.625	1,800		J-55/36.00		Y
Intermediate 2							
Intermediate 3							
Production	8.500	5.500	18,624		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	165	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	3,535	14.5	1.26	0	Surface	24
Tubing							

Drillers TD (ft) 24,842 Loggers TD (ft) 24,842

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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Well number 206H

[illegible]

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[illegible]

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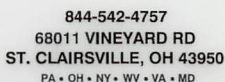
Well Name: Franz Thoman OHI 206H 470690003710000

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	332	332	345	345
Pottsville (ss)	482	482	550	550
Raven Cliff (ss)	842	842	1114	1110
Maxton (ss)	1114	1110	1335	1324
Big Injun (ss)	1484	1468	1649	1629
Berea (siltstone)	1957	1923	2047	2007
Rhinstreet (shale)	6057	5325	6319	5561
Cashaqua (shale)	6319	5561	6377	5609
Middlesex (shale)	6377	5609	6469	5677
Burket (shale)	6469	5677	6497	5697
Tully (ls)	6497	5697	6575	5747
Mahantango (shale)	6575	5747	6759	5830
Marcellus (shale)	6959	5830	NA	NA

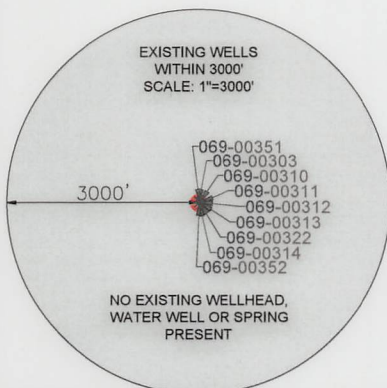
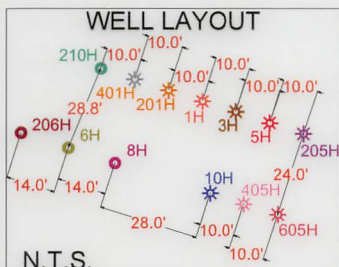
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Wellbore Name		Operator		A/E		Frac Company		Latitude		Longitude		40.136643		80.660034																									
Refresh		EXPAND OPERATING LLC		EXPAND OPERATING LLC		EXPAND OPERATING LLC		EXPAND OPERATING LLC		EXPAND OPERATING LLC		EXPAND OPERATING LLC		EXPAND OPERATING LLC																									
Frac String :		S.5in ZOH P-110 HP Production Casing Set at 18,612 ft		CLAT :		11.526 ft		Stages/Day :		2.64																													
Stage :		1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Date :		2/25/25 12:20		3/4/25 18:54		3/5/25 8:55		3/6/25 2:22		3/7/25 17:34		3/8/25 11:04		3/9/25 18:55		3/10/25 12:22		3/11/25 17:34		3/12/25 11:04		3/13/25 18:55		3/14/25 12:22		3/15/25 17:34		3/16/25 11:04		3/17/25 18:55		3/18/25 12:22		3/19/25 17:34		3/20/25 11:04		3/21/25 18:55	
Top Perf (ft) :		18,426		18,215		18,007		17,799		17,592		17,384		17,176		16,968		16,760		16,553		16,345		16,137		15,929		15,721		15,514		15,306		15,098		14,890		14,683	
Btm Perf (ft) :		18,521		18,390		18,182		17,974		17,767		17,559		17,351		17,143		16,936		16,728		16,520		16,312		16,104		15,897		15,689		15,481		15,273		15,066		14,858	
Number of Perf Holes :		18		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	
Capacity to Top Perf (bbl) :		5,964		5,962		5,959		5,957		5,954		5,951		5,949		5,946		5,943		5,940		5,937		5,934		5,931		5,928		5,925		5,922		5,919		5,916		5,913	
Capacity to Bottom Perf (bbl) :		4,091		4,004		4,000		3,995		3,990		3,986		3,981		3,977		3,972		3,967		3,963		3,958		3,954		3,949		3,944		3,940		3,935		3,930		3,926	
Survey/ Inclination :		411		408		404		399		394		390		385		381		376		371		367		362		357		353		348		344		339		334		330	
Mid-Perf (MD) :		18,474		18,303		18,095		17,887		17,680		17,472		17,264		17,056		16,848		16,641		16,433		16,225		16,017		15,809		15,602		15,394		15,186		14,978		14,771	
Pump Down Start Time :		2/25/25 12:20		3/4/25 18:54		3/5/25 8:55		3/6/25 2:22		3/7/25 17:34		3/8/25 11:04		3/9/25 18:55		3/10/25 12:22		3/11/25 17:34		3/12/25 11:04		3/13/25 18:55		3/14/25 12:22		3/15/25 17:34		3/16/25 11:04		3/17/25 18:55		3/18/25 12:22		3/19/25 17:34		3/20/25 11:04		3/21/25 18:55	
Pump Down Stop Time :		2/25/25 15:58		3/4/25 19:26		3/5/25 9:20		3/6/25 2:52		3/7/25 18:04		3/8/25 11:34		3/9/25 19:26		3/10/25 12:52		3/11/25 18:04		3/12/25 11:34		3/13/25 19:26		3/14/25 12:52		3/15/25 18:04		3/16/25 11:34		3/17/25 19:26		3/18/25 12:52		3/19/25 18:04		3/20/25 11:34		3/21/25 19:26	
Pumpdown Total Time :		0.63		0.53		0.48		0.42		0.36		0.30		0.24		0.18		0.12		0.06		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
Stage Start Time :		2/25/25 0:14		3/4/25 12:58		3/5/25 12:58		3/6/25 12:58		3/7/25 12:58		3/8/25 12:58		3/9/25 12:58		3/10/25 12:58		3/11/25 12:58		3/12/25 12:58		3/13/25 12:58		3/14/25 12:58		3/15/25 12:58		3/16/25 12:58		3/17/25 12:58		3/18/25 12:58		3/19/25 12:58		3/20/25 12:58		3/21/25 12:58	
Stage Stop Time :		2/25/25 1:15		3/4/25 13:58		3/5/25 13:58		3/6/25 13:58		3/7/25 13:58		3/8/25 13:58		3/9/25 13:58		3/10/25 13:58		3/11/25 13:58		3/12/25 13:58		3/13/25 13:58		3/14/25 13:58		3/15/25 13:58		3/16/25 13:58		3/17/25 13:58		3/18/25 13:58		3/19/25 13:58		3/20/25 13:58		3/21/25 13:58	
Total Stage Time (hrs) :		1.70		1.77		1.74		1.71		1.68		1.65		1.62		1.59		1.56		1.53		1.50		1.47		1.44		1.41		1.38		1.35		1.32		1.29		1.26	
15 % HCl Acid (bbl) :		1,051		1,156		1,255		1,354		1,453		1,552		1,651		1,750		1,849		1,948		2,047		2,146		2,245		2,344		2,443		2,542		2,641		2,740		2,839	
Number of Perf Clusters :		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3		3	
Perf Spacing (ft) :		47		85		85		85		85		85		85		85		85		85		85		85		85		85		85		85		85		85		85	
Frac Water (bbl) :		7,796		7,984		8,216		8,468		8,732		9,008		9,296		9,596		9,908		10,232		10,568		10,916		11,276		11,648		12,032		12,428		12,836		13,256		13,680	
Load to Recover (Total Vol Pumped) (bbl) :		7,796		8,087		8,301		8,353		8,207		8,079		8,000		8,065		9,112		8,041		8,079		7,986		7,608		8,000		7,926		7,859		7,922		7,806		7,691	
Slurry Volume (bbl) :		8,004		8,490		8,750		8,791		8,650		8,501		8,414		8,487		9,505		8,470		8,514		8,412		7,997		8,433		8,362		8,394		8,411		8,298		8,177	
100 Mesh (lbs) :		85,600		150,720		153,630		149,660		157,660		132,920		155,030		151,260		132,600		152,020		137,500		152,340		133,410		150,710		154,720		152,870		150,550		153,160		153,160	
20/40, 30/50, 30/70, & 40/70 (lbs) :		171,660		366,520		385,370		391,520		396,180		350,310		350,640		371,920		352,700		370,860		360,850		369,310		348,320		370,170		377,590		371,580		364,270		365,560		372,630	
Total Prop from Stim Int Prop Table (lbs) :		171,660		366,520		385,370		391,520		396,180		350,310		350,640		371,920		352,700		370,860		360,850		369,310		348,320		370,170		377,590		371,580		364,270		365,560		372,630	
Total Prop from StimStage Table (lbs) :		171,660		366,520		385,370		391,520		396,180		350,310		350,640		371,920		352,700		370,860		360,850		369,310		348,320		370,170		377,590		371,580		364,270		365,560		372,630	
Avg Rate (bbls/min) :		97		98		100		99		98		100		99		96		91		95		97		99		98		99		98		99		98		100		100	
Avg Pressure (psi) :		8,516		8,576		8,866		9,109		8,872		9,052		9,459		9,680		9,394		9,669		9,631		9,481		8,749		8,874		9,035		8,940		9,130		8,619		8,859	
Max Rate (bpm) :		101		100		100		100		100		100		100		100		96		99		100		100		100		100		100		100		100		100		100	
Max Pressure (psi) :		9,838		9,679		9,485		9,720		9,953		9,340		10,025		10,004		9,935		9,875		9,863		9,887		9,779		9,400		9,395		9,540		10,161		8,830		9,890	
Break Pressure (psi) :		6,667		6,096		6,205		6,659		6,053		6,275		5,950		6,183		5,911		6,170		6,595		5,605		5,816		5,565		5,720		5,974		5,583		5,290		5,690	
ISIP (psi) :		3,942		4,800		4,665		4,476		4,472		4,790		4,424		4,419		4,800		4,454		4,384		4,549		4,700		5,000		4,981		4,510		4,960		4,700		4,491	
FG (psi/ft) :		1.10		1.24		1.24		1.19		1.19		1.24		1.23		1.18		1.25		1.23		1.17		1.20		1.25		1.23		1.28		1.19		1.20		1.27		1.28	
Bleedle (gal) :		14		15		15		16		16		15		15		16		18		15		16		15		15		15		15		15		16		15		15	
Corrosion Inhibitor (lbs) :		3		3		3		3		2		2		3		1		1		1		1		1		1		1		1		1		1		1		1	
Friction Reducer (gal) :		8,111		8,394		8,571		8,581		8,468		8,310		8,263		8,423		9,455		8,251		8,424		8,292		7,828		8,186		8,120		8,171		7,333		7,994		7,994	
HCl 15% (gal) :		1,400		1,400		1,400		1,400		1,400		1,000		1,000		1,400		700		700		700		700		700		700		700		700		700		700		700	
Scale Inhibitor (gal) :		9		9		9		9		9		9		9		9		11		9		9		9		9		9		9		9		9		9		9	
Breaker :																																							
Average Density (SG) :																																							
Average of pH :																																							
Average of Conductivity :																																							
Average of Calcium :																																							
Average of Magnesium :																																							
Average of Iron :																																							
Average of Temp pH :																																							
Average of Sulfide :																																							
Fluid Density (lb/gal) :																																							
Frac Pumpdown																																							
HCl 15%																																							



LINE	BEARING	DISTANCE
L1	N55°36'47"W	1071.93'
L2	N80°25'32"W	1327.77'



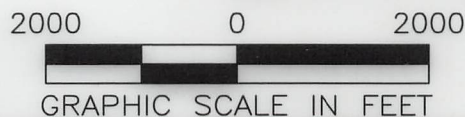
SURFACE HOLE LOCATION (SHL):	SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):	UTM (NAD83, ZONE 17, METERS):
NORTHING: 4442985.53	NORTHING: 4442985.47
EASTING: 528957.21	EASTING: 528957.17
LANDING POINT LOCATION (LPL):	LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):	UTM (NAD83, ZONE 17, METERS):
NORTHING: 4443160.48	NORTHING: 4443177.26
EASTING: 528317.74	EASTING: 528315.38
BOTTOM HOLE LOCATION (BHL):	BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):	UTM (NAD83, ZONE 17, METERS):
NORTHING: 4439865.87	NORTHING: 4439867.51
EASTING: 529622.85	EASTING: 529626.41

NOTES ON SURVEY

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

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

P.E. 19809



COMPANY: **SWN** **SWn** $\frac{R^2}{A} \rightarrow V^2 + C$
Production Company, LLC Production Company™



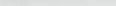
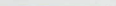
(+) DENOTES LOCATION OF WELL ON
UNITED STATES TOPOGRAPHIC MAPS

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

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

FRANZ THOMAN OHI			
OPERATOR'S WELL #:		206H	
API WELL #:		47	069 00371
STATE		COUNTY	PERMIT

WELL TYPE: OIL ☐	WASTE DISPOSAL ☐	PRODUCTION ☒	DEEP ☐	GAS ☒	LIQUID INJECTION ☐	STORAGE ☐	SHALLOW ☒
WATERSHED: UPPER OHIO SOUTH					ELEVATION: 1,137.0'		
DISTRICT: RICHLAND		COUNTY: OHIO			QUADRANGLE: TILTONSVILLE & WHEELING, OH-WV		
SURFACE OWNER: FRANZ THOMAN					ACREAGE: ±69.418		
OIL & GAS ROYALTY OWNER: FRANZ THOMAN					ACREAGE: ±69.418		
DRILL ☐	DRILL DEEPER ☐	REDRILL ☐	FRACTURE OR STIMULATE ☐	PLUG OFF OLD FORMATION ☐	PERFORATE NEW FORMATION ☐		
CONVERT ☐	PLUG & ABANDON ☐	CLEAN OUT & REPLUG ☐	OTHER CHANGE ☒	(SPECIFY) AS-DRILLED			
TARGET FORMATION: MARCELLUS					ESTIMATED DEPTH: 5,966' TVD 18,624' 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:		REVISIONS:	
 EXISTING BOTTOM HOLE  EXISTING / PRODUCING WELLHEAD LPL  EXISTING LANDING POINT LOCATION  PROPOSED SURFACE HOLE / BOTTOM HOLE LPL  PROPOSED LANDING POINT LOCATION		 ACCESS ROAD  PUBLIC ROAD  FLOOD PLAIN  LEASE BOUNDARY  ASDRILLED PATH  PROPOSED PATH	
		DATE: 02-21-2025	
		API NO: 47-069-00371	
		DRAWN BY: Z.WOOD	
		SCALE: 1" = 2000'	
		DRAWING NO: 2018-781	
		WELL LOCATION PLAT	

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

9805'

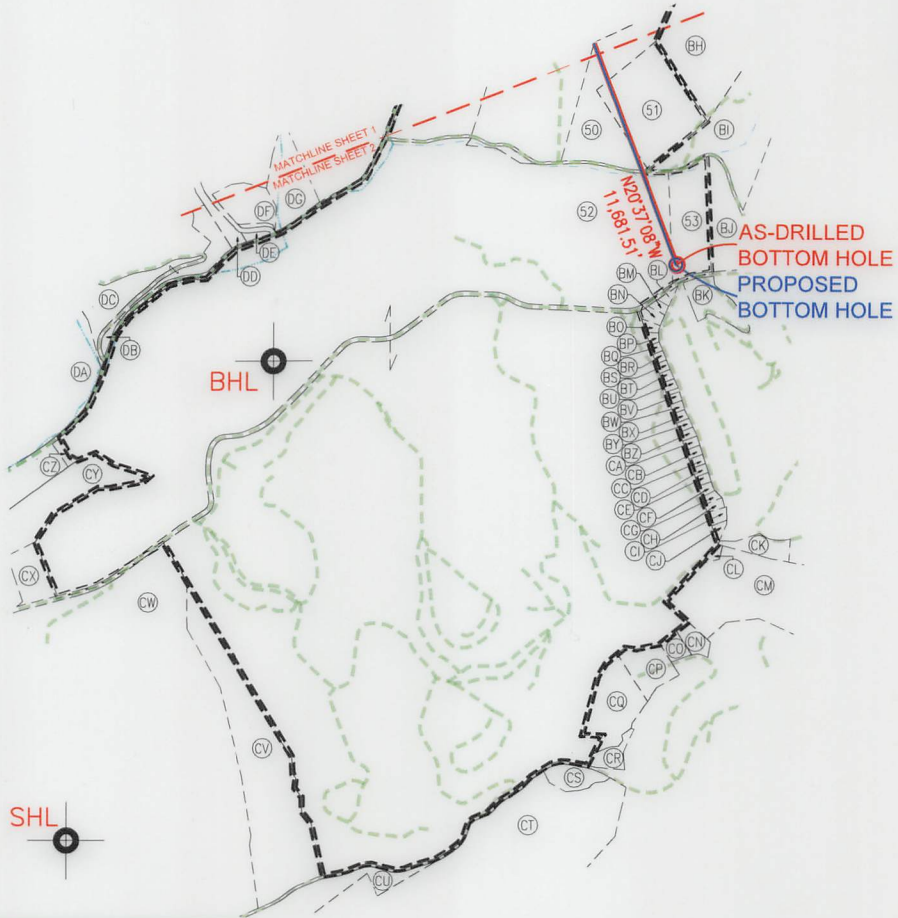
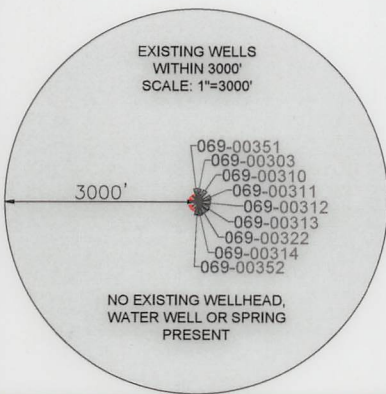
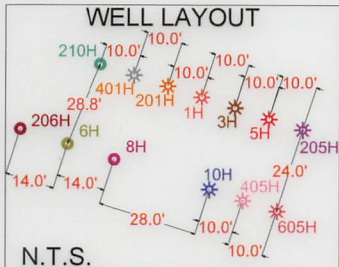
7652'

LATITUDE: 40°05'00" BOTTOM HOLE (2000' SCALE)

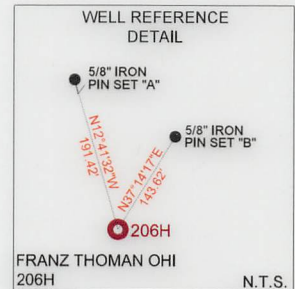


844-542-4757
68011 VINEYARD RD
ST. CLAIRSVILLE, OH 43950
PA • OH • NY • WV • VA • MD

LINE	BEARING	DISTANCE
L1	N55°36'47"W	1071.93'
L2	N80°25'32"W	1327.77'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442985.53 EASTING: 528957.21	SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442985.47 EASTING: 528957.17
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4443160.48 EASTING: 528317.74	LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4443177.26 EASTING: 528315.38
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439865.87 EASTING: 529622.85	BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4439867.51 EASTING: 529626.41



NOTES ON SURVEY

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

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

P.E. 19809



2000 0 2000

GRAPHIC SCALE IN FEET

COMPANY:

SWN

SWN

Production Company, LLC

Production Company™

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

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

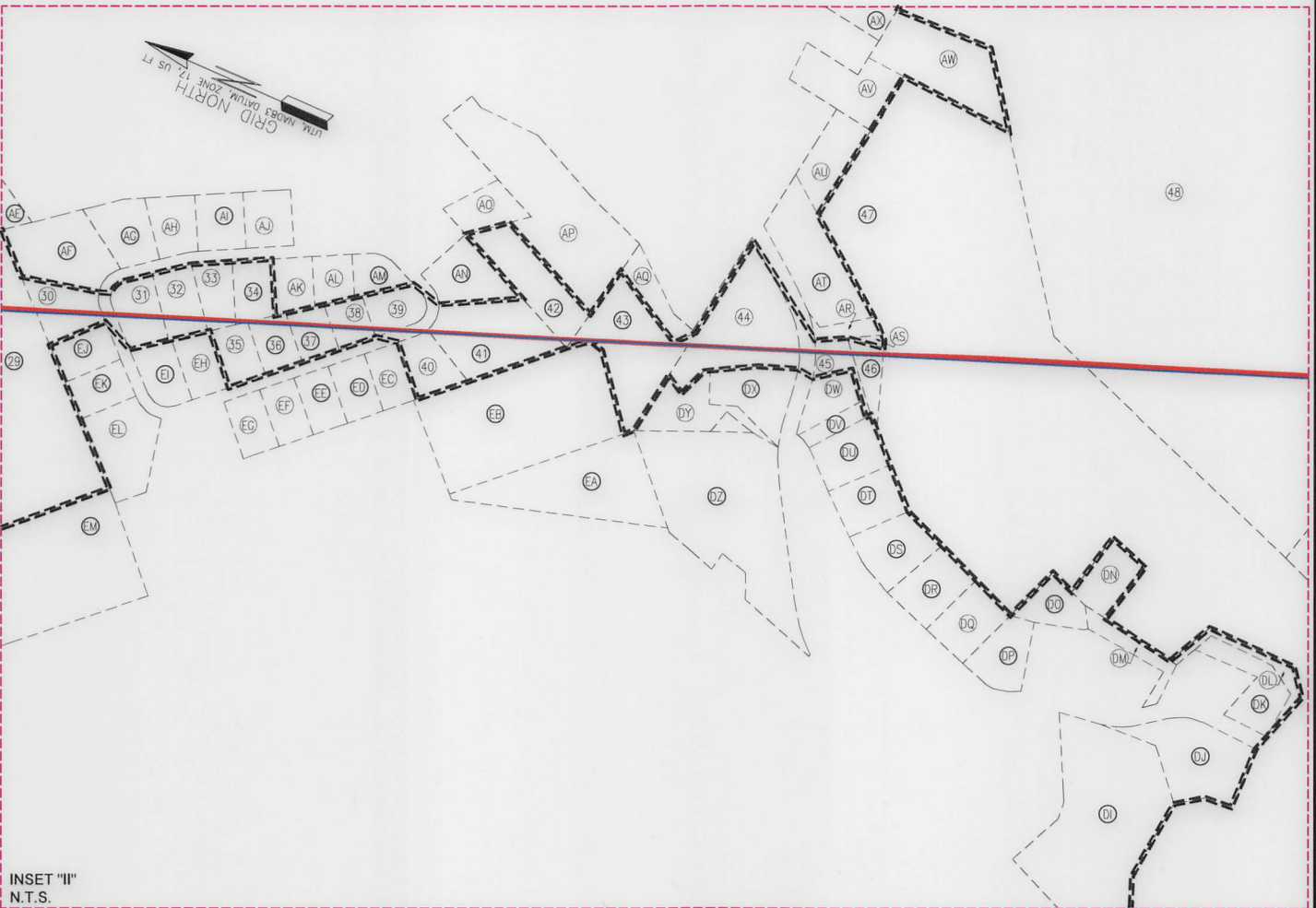
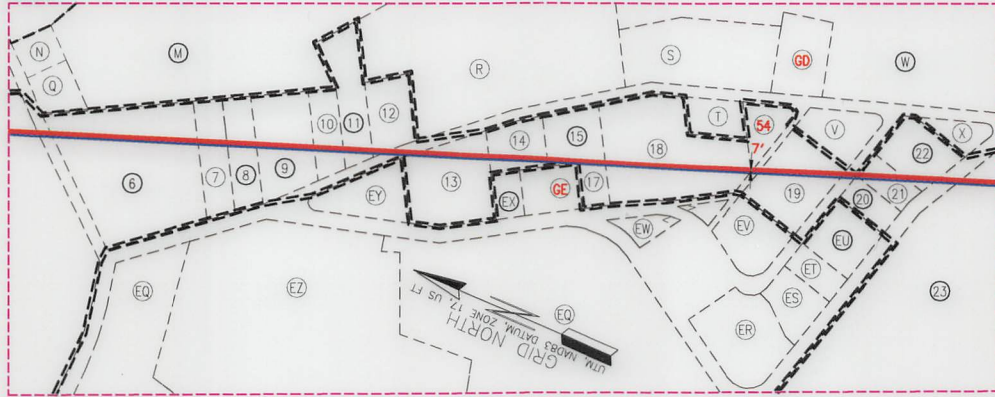
FRANZ THOMAN OHI
OPERATOR'S WELL #: 206H
API WELL #: 47 069 00371
STATE COUNTY PERMIT

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: 1,137.0'
QUADRANGLE: TILTONSVILLE & WHEELING, OH-WV
ACREAGE: ±69.418
ACREAGE: ±69.418
ESTIMATED DEPTH: 5,966' TVD 18,624' TMD

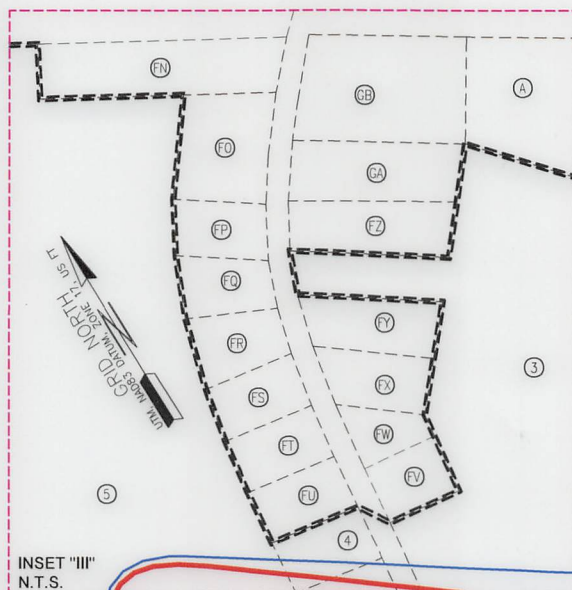
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508
DESIGNATED AGENT: BRITTANY WOODY
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201
CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND: ● EXISTING BOTTOM HOLE ★ EXISTING / PRODUCING WELLHEAD LPL ★ EXISTING LANDING POINT LOCATION ● PROPOSED SURFACE HOLE / BOTTOM HOLE LPL ★ PROPOSED LANDING POINT LOCATION	ACCESS ROAD PUBLIC ROAD FLOOD PLAIN LEASE BOUNDARY ASDRILLED PATH PROPOSED PATH	REVISIONS: DATE: 02-21-2025 API NO: 47-069-00371 DRAWN BY: Z.WOOD SCALE: 1" = 2000' DRAWING NO: 2018-781 WELL LOCATION PLAT
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INSET "I"
N.T.S.



INSET "II"
N.T.S.



INSET "III"
N.T.S.

09/26/2025

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN ^{R-V+}
Production Company™

OPERATOR'S

FRANZ THOMAN OHI

WELL #:

206H

DISTRICT:
RICHLAND

COUNTY:
OHIO

STATE:
WV

DATE: 02-21-2025

API NO: 47-069-00371

DRAWN BY: Z.WOOD

SCALE: N/A

DRAWING NO: 2018-781

WELL LOCATION PLAT

WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
1	THOMAN FRANZ (S) / (R)	4-R8-62	K	SANDCREST FOUNDATION INC	4-R11-15
TRACT	SURFACE OWNER	TAX PARCEL	L	TUNNEL RIDGE LLC	4-R8-62.5
2	MAJEWSKI KASMIR MAJEWSKI EDWARD A	4-R8-62.2	M	TUNNEL RIDGE LLC	4-R8-62.4
3	MAJEWSKI KASMIR MAJEWSKI EDWARD A	4-R8-62.8	N	TUNNEL RIDGE LLC	4-R8P-14
4	MCGEE JOHN M	4-R8P-17	O	TUNNEL RIDGE LLC	4-R8P-16
5	CRAFT JOSEPH W III FOUNDATION	4-R8-51	P	WEAVER SHIRLEY M	4-R8P-2
6	TUNNEL RIDGE LLC	4-R8P-1	Q	TUNNEL RIDGE LLC	4-R8P-15
7	COTTRELL CLARA M	4-R8P-3	R	NEUMANN KURT ROBERT	4-R11-13
8	IVERSON DERRICK H & BARBARA A	4-R8P-4	S	GUTHRIE JEREMY L & GUTHRIE ANNE N MOLNAR	4-R11-13.3
9	STOLLAR HEATHER D	4-R8P-5	T	MOLNAR KRISTINE N	4-R11B-16.1
10	WEST WINSTON W JR	4-R8P-6	U	REMOVED	REMOVED
11	WEST WINSTON W JR	4-R8P-7	V	TRABERT JEFFREY A & T L	4-R11B-20
12	METZ MATTHEW R	4-R8P-8	W	MOLNAR KRISTINE N	4-R11-13.4
13	LINTON MARK D & CHERYL A BROZOVICH	4-R11B-2	X	KING JOHN W & LINDA A - TOD	4-R11B-38
14	BROTHERS TASHINA M	4-R11B-7	Y	MOLNAR KRISTINE N	4-R11-16.4
15	SEAMON RUTH E	4-R11B-9	Z	STERN SHAWN G & AIMEE M	4-R11-16.13
16	REMOVED	REMOVED	AA	PROTESTANT EPISCOPAL CHURCH DIOCESE OF WV TRUSTEES	4-R11-16.2
17	BURNS WILLIAM D & JILL R	4-R11B-10	AB	GILL RONNIE AND GRETCHEN	4-R11-16.6
18	SEAMON JEFFREY	4-R11B-11	AC	LAFLAM DAVID T & BRANDY JO	4-R11F-5
19	SEAMON RUTH E	4-R11B-23	AD	DUNKIN RUSSELL W & CHRISTINE E	4-R11F-4
20	ZANE TIMOTHY D	4-R11B-35	AE	NICKERSON DAVID M & NORMA J	4-R11F-9
21	VARGO RONALD J	4-R11B-36	AF	KLUG MATTHEW F & ANNE J	4-R11F-24
22	LEMLEY STEPHEN J & E	4-R11B-37	AG	ROBBINS DIANE L	4-R11F-23
23	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R11-12	AH	MEDOVIC TY A	4-R11F-22
24	LOUGH DONALD H JR & A L	4-R11-16.12	AI	GIANNANGELI ERIC & MOLLY	4-R11F-21
25	LOUGH DONALD H & A L	4-R11-16.9	AJ	HIGH MATTHEW C & TINA M	4-R11K-66
26	LAWRENCEFIELD CHAPEL TRUSTEES	4-R11-16.8	AK	CARP MICHAEL R & PAIGE L	4-R11K-63
27	SEBULSKY RONALD J	4-R11-16.15	AL	GOODRICH WILLIAM T & CHERYL L	4-R11K-62
28	MOORE SARAH & ERIC MILHOAN	4-R11F-10	AM	PHILLIPS KEITH R AND TERRY L	4-R11K-61
29	JONES ROBERT E MD INC	4-R11-17	AN	ECKMAN JUSTIN D & EMILY F	4-R11K-45
30	LYONS KEITH J & REDESSA	4-R11F-25	AO	PARKER THOMAS W & JACQUELINE	4-R11L-48.5
31	ROBBINS DOUGLAS L & KELLIE A	4-R11F-30	AP	GAUDINO THOMAS R & THERESA M	4-R11L-48.10
32	GESSLER JENNA A	4-R11F-29	AQ	GRAY DEBORAH J - TOD	4-R11L-48.12
33	LEWIS KENT J & HEATHER R	4-R11K-65	AR	SISTERS OF SAINT JOSEPH OF WHEELING INC	4-R11-21.39
34	BERARDINELLI JON & JAN IRREVOCABLE TRUST	4-R11K-64	AS	MURRAY WILLIAM M JR & SHELLY L	4-R11-21.41
35	SCHNARR BRAD & RASHELLE	4-R11K-56	AT	WAYNE GEORGANN R & HOWARD N JR	4-R11-21.11
36	WHITE AARON L & KRISTEN A	4-R11K-57	AU	KUCHINSKI KELLY A & SHANNON M	4-R11-21.12
37	CUNNINGHAM BRIAN S & PENNY L	4-R11K-58	AV	TENNANT BRANDON M	4-R11L-36
38	SLATER ELISABETH A	4-R11K-59	AW	KEEFER FRANK JAY - TOD	4-R11-21.28
39	MYERS STEVEN J & ELIZABETH A	4-R11K-60	AX	KEEFER F JAY	4-R11L-39
40	CAMPBELL RUSSELL B & JESSICA A	4-R11K-47.1	AY	RICE BLAISE A	4-R11L-31
41	PAJAK WILLIAM J JR	4-R11K-46	AZ	SPIELVOGEL TODD J	4-R11L-32
42	PAJAK WILIAM J JR	4-R11L-48.11	BA	RUCKMAN MARY ANN TRUST K CUSTER & D BAUKNECHT TEES	4-R11L-29
43	STEWART F HOWARD & STEWART MARY CATHERINE	4-R11L-48	BB	RUCKMAN MARY ANN TRUST K CUSTER & D BAUKNECHT TEES	4-R11L-28
44	STEWART F HOWARD & M C	4-R11K-31	BC	PASCOLI BARTLEY EDWARD & SEAN WYLIE PASCOLI	4-R11-23
45	MURRAY WILLIAM M JR & SHELLY L	4-R11-21.40	BD	OHIO COUNTY PUBLIC SERVICE DISTRICT	4-R11-21.42
46	MURRAY WILLIAM M JR & SHELLY L	4-R11-21.35	BE	PARKS SYSTEM TRUST	4-R11-21.43
47	SISTERS OF ST JOSEPH OF WHEELING INC	4-R11-21	BF	WHEELING PARK COMMISSION	4-R11-21.7
48	WHEELING PARK COMMISSION	4-R11-21.5	BG	WHEELING PARK COMMISSION	4-R11-21.6
49	SISTERS OF ST JOSEPH OF WHG	4-R11-20	BH	WHEELING PARK COMMISSION	4-R11-21.4
50	PARKS SYSTEM TRUST FUND OF WHEELING	4-R11-21.3	BI	WHEELING PARK COMMISSION	4-R14-20.4
51	WHEELING PARK COMMISSION	4-R14-91	BJ	WHEELING PARK COMMISSION	4-R14-15.1
52	CITY OF WHEELING	4-R14-15	BK	RECCHIO RONALD & AMANDA	4-R14G-15.10
53	WHEELING PARK COMMISSION	4-R14-15.2	BL	HOSFELT WILLIAM J & PATRICIA HOSFELT ESTATES	10-W12D-2
54	MOLNAR KRISTINE N	4-R11B-16	BM	RANSOM CHARLES M & CRYSTAL G	10-W12D-1
ADJOINING OWNERS TABLE			BN	DIVINEY MARY F & TOMMY S JR	10-W14D-1
TRACT	SURFACE OWNER	TAX PARCEL	BO	SATTERFIELD DOROTHY & MARY KAY FAHEY	10-W14D-2
A	TAYLOR DELORA L - TOD	4-R8K-100	BP	TUCKER ROBERT A & R	10-W14D-3
B	SOBOTA SUSAN J	4-R8-62.3	BQ	MCKINLEY BETTY J	10-W14D-4
C	WRIGHT JOHN T & MELINDA L	4-R8P-11	BR	WORKMAN WHITNEY SAMARA	10-W14D-5
D	SUTTON JACQUELINE M	4-R8Q-10	BS	QUEEN THOMAS R & CYNTHIA A	10-W14D-6
E	DAGUE AMY D	4-R8Q-11	BT	RIGGS DAVID V & KERRIE L	10-W14D-7
F	WHEELER JOLLY W JR & K M	4-R8Q-14	BU	ROBINSON TONY A	10-W14D-8
G	TAROVISKY FRANK J & S R - TOD	4-R8Q-28	BV	BTCT RENTALS LLC	10-W14D-9
H	TOMASIK PAULA J & EDWARD C	4-R8Q-3	BW	KUHAR DOROTHY RES'V L/E KUHAU CHRISTINE	10-W14D-10
I	TERAMANA RUSSELL & ROSEANN	4-R8Q-2	BX	BASSI ALBERTO & THAIANE N LIMA	10-W14D-11
J	HUFFMAN KENDRA L & RALPH J	4-R8Q-60			

REVISIONS:	COMPANY: SWN Production Company, LLC SWN Production Company™			DATE: 02-21-2025	
				API NO: 47-069-00371	
				DRAWN BY:Z.WOOD	
				SCALE: N/A	
				DRAWING NO:2018-781	
	OPERATOR'S	FRANZ THOMAN OHI			
	WELL #:	206H			
	DISTRICT:	COUNTY:	STATE:		
	RICHLAND	OHIO	WV		
				WELL LOCATION PLAT	

09/26/2025

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
BY	PEARCE CRAGO PAULA	10-W14D-12
BZ	SMITH CODY A	10-W14D-13
CA	WHITE CHARLES T & SUSAN B	10-W14D-14
CB	DOEPKEN DAVID W & CHRISTINE B	10-W14D-15
CC	BAUER JESSICA L & CHAD	10-W14D-16
CD	NEUMAN CHARLES & B J WOTRING	10-W14D-17
CE	YOUNG MARK K & SAMANTHA	10-W14D-18
CF	PETRI DANIEL S & D	10-W14D-19
CG	WATSON STEVEN A & SHERI	10-W17D-2
CH	HANNA STEPHEN L & C H	10-W17D-3
CI	MILLER DAVID W & JUNKERSFELD PETER J	10-W17D-4
CJ	MILLER DAVID W & JUNKERSFELD P	10-W17D-5
CK	FITZSIMMONS CLAYTON J	4-R14-46.13
CL	MCBANE DANIEL & CLARE FAMILY TRUST	10-W17D-6
CM	WHEELING PARK COMMISSION	10-W17D-7
CN	LAPP SAMUEL J II & HEATHER A	4-R14-50.1
CO	GOMPERS KATHLEEN M	4-R14-50.3
CP	GOMPERS KATHLEEN M	4-R14-50.2
CQ	FRIEND HARRIETTE E FRIEND L EDWARD II	4-R14-51
CR	HITCHMAN HELEN G	4-R14-53
CS	BURGE EDWARD LEE JR	4-R17-8.1
CT	PARK VIEW MEMORIAL GARDENS INC	4-R17-8
CU	GACS LP	10-W27A-1
CV	WHEELING PARK COMMISSION	4-R14-14.1
CW	ELM HILL HOLDINGS LLC	4-R14-14
CX	SCHULTZ JEFFREY S	4-R14-13
CY	WHEELING PARK COMMISSION	10-W17A-1
CZ	PELUCETTE JOHN M & C L	4-R14J-1
DA	POLACK EDWARD P	4-R14-95
DB	ALLEN AMY & THOMAS E JR (BYRS) ALLEN THOMAS E (LC-SLR)	4-R14E-4
DC	SUNSHINE STATE INV GROUP LLC	4-R14A-53
DD	SCHMITT JAMES A	4-R14-4.6
DE	SCHMITT JAMES A	4-R14-4.5
DF	CALVERT GROVE ANDREW	4-R14-6.1
DG	LONG RUN PET HOSPITAL INC	4-R14-6
DH	JONES WILBUR S JR JEFFERSON JOYCE P	4-R14-90
DI	CARPENTER DAVID & KATHERINE R	4-R11-21.9
DJ	GERLING MILDRED ET AL	4-R11-21.22
DK	KLUG ELEANOR L	4-R11-21.29
DL	KLUG ELEANOR L	4-R11-21.31
DM	FRASNELLI ROBERT V & R A	4-R11-21.23
DN	FRASNELLI ROBERT V & R A	4-R11-21.34
DO	DURDINES JOHN MICHAEL JR	4-R11-21.25
DP	DURDINES JOHN MICHAEL JR	4-R11-21.10
DQ	RANDOLPH ROBERT A & B A	4-R11-21.17
DR	WOJCIK FRANK B & F A	4-R11-21.19
DS	BALLARD RICHARD W & S M	4-R11-21.18
DT	VALPUT JEFFREY J	4-R11-21.14
DU	MEACHAM BRETT W & REBECCA W	4-R11-21.16
DV	MURRAY WILLIAM H JR & S L	4-R11-21.15
DW	MURRAY WM H JR & S L	4-R11-21.8
DX	KALB HEATHER J	4-R11K-30.2
DY	MORGAN SHARON - TOD	4-R11K-30
DZ	MORGAN SHARON - TOD	4-R11K-32
EA	FARMER MARK S AND ILDIKO K	4-R11K-28.5
EB	FARMER MARK S AND ILDIKO K	4-R11K-28.3
EC	CAMPBELL RUSSELL B & JESSICA A	4-R11K-47
ED	TEACHOUT RICHARD M & ELAINE	4-R11K-49
EE	LAFLAM THOMAS M & STEPHANIE A	4-R11K-50
EF	MORRELL FAMILY TRUST	4-R11K-51
EG	MCDONALD ETHAN & JO LYN	4-R11K-52
EH	COMBS ADAM E & KATHLEEN R	4-R11K-55
EI	TODD PHILIP L & PEGGY E	4-R11F-31
EJ	MCCONNELL CRAIG A & LAVINA J	4-R11F-26
EK	BLANTON BRETT M & BLANTON AMELIA K	4-R11F-27
EL	PARKER JASON & STACY	4-R11F-28
EM	KENAMOND PENNY J	4-R11-17.1

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
EN	JONES ROBERT E MD INC	4-R11-16.10
EO	SEBULSKY RONALD J	4-R11-16.5
EP	JONES ROBERT E MD INC	4-R11-16.3
EQ	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-53
ER	PATERNO JOSEPH III	4-R11B-29
ES	MAXWELL MARY ANN	4-R11B-31
ET	MAXWELL MARY ANN	4-R11B-32
EU	ZANE TIMOTHY D	4-R11B-33
EV	SEAMON RUTH E	4-R11B-24
EW	NAEGELE ALAN SANDSTORM MARY ANN	4-R11B-26
EX	DESTEFANO BART & NANCY E	4-R11B-5
EY	TEUFEL ERNESTINE M	4-R8P-9
EZ	MATUSIC KAREN P & ALAN D GEORGE	4-R8-53.1
FA	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-53
FB	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8N-10
FC	LITTEN PATRICIA J	4-R8N-8
FD	MURRAY JOSEPH B & SYLVIA J	4-R8N-7
FE	ORKOSKEY JANET K	4-R8N-11
FF	SHELL HOLLY L	4-R8N-12
FG	SHELL HOLLY L	4-R8N-13
FH	SMITH W EVERETT & JOLINDA STEINER	4-R8N-14
FI	TUNNELL RIDGE LLC	4-R8-67
FJ	TUNNEL RIDGE LLC	4-R8-79
FK	CRAFT JOSEPH W III FOUNDATION	4-R8-63.2
FL	CRAFT JOSEPH W III FOUNDATION	4-R8-4.13
FM	CRAFT JOSEPH W III FOUNDATION	4-R8-5
FN	HERCULES PATSY G	4-R8K-113
FO	HERCULES PATSY G	4-R8K-103
FP	BOZENSKE B H AND OKELLEY K J	4-R8K-104
FQ	REED ELMER & JOY	4-R8K-105
FR	REED ELMER K & J D	4-R8K-106
FS	FRAGALE ELAINE & SPEAKER KURT	4-R8K-107
FT	OCHAP EUGENE F & DENISE R	4-R8K-108
FU	OCHAP EUGENE F & D R	4-R8K-109
FV	GAYDA DONALD P	4-R8P-18
FW	BOND CHARLES R	4-R8K-110
FX	SCHWERTFEGER TYLER S	4-R8K-111
FY	SCHWERTFEGER TYLER S	4-R8K-112
FZ	WILSON RAY B & ANN M	4-R8-62.7
GA	MILLARD BRITTANY LYNN	4-R8-62.6
GB	MULDREW DAVID R & KAREN	4-R8K-101
GC	WHEELING PARK COMMISSION	4-R11-20.1
GD	MOLNAR KRISTINE N & D A	4-R11B-45
GE	WHEELING PARK COMMISSION	4-R11-20.1

09/26/2025

REVISIONS:	COMPANY: SWN Production Company, LLC SWN Production Company™				DATE: 02-21-2025 API NO: 47-069-00371 DRAWN BY:Z.WOOD SCALE: N/A DRAWING NO:2018-781 WELL LOCATION PLAT	
	OPERATOR'S		FRANZ THOMAN OHI			
	WELL #:		206H			
	DISTRICT:	COUNTY:	STATE:			
	RICHLAND	OHIO	WV			



AS-DRILLED SURFACE HOLE
PROPOSED SURFACE HOLE

AS-DRILLED BOTTOM HOLE
PROPOSED BOTTOM HOLE

SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.136703°
LONGITUDE: -80.660085°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.108589°
LONGITUDE: -80.652372°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.136704°
LONGITUDE: -80.660084°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83):
LATITUDE: 40.108574°
LONGITUDE: -80.652414°

2000 0 2000

GRAPHIC SCALE

GEOGRAPHIC (NAD83):
LATITUDE: 40.108574°
LONGITUDE: -80.652414°

 ACCESS ROAD
 PUBLIC ROAD
 FLOOD PLAIN
 LEASE BOUNDARY
 ASDRILLED PATH
 PROPOSED PATH

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