



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, July 11, 2023
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC
POST OFFICE BOX 12359
SPRING, TX 773914954

Re: Permit Modification Approval for FRANZ THOMAN OHI 201H
47-069-00352-00-00

Adding Leases to Abate Violation

SWN PRODUCTION COMPANY, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: FRANZ THOMAN OHI 201H
Farm Name: FRANZ THOMAN
U.S. WELL NUMBER: 47-069-00352-00-00
Horizontal 6A New Drill
Date Modification Issued: 7/11/2023

Promoting a healthy environment.

07/14/2023

WW-6B
(04/15)

API NO. 47-069 - 00352
OPERATOR WELL NO. Franz Thoman OHI 201H
Well Pad Name: Franz Thoman OHI

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: SWN Production Co., LLC Operator ID 494512924 County 069-Ohio District 4-Richland Quadrangle 641-Tiltonsville

2) Operator's Well Number: Franz Thoman OHI 201H Well Pad Name: Franz Thoman OHI

3) Farm Name/Surface Owner: Franz Thoman Public Road Access: Cherry Hill Road CR 3

4) Elevation, current ground: 1138' Elevation, proposed post-construction: 1138'

5) Well Type (a) Gas Oil Underground Storage

Other
(b) If Gas Shallow Deep
Horizontal

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JUL 06

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure (psi)
Target Formation- Marcellus, Up-Dip well to the North, Target Top TVD- 5827', Target Base TVD- 5882', Anticipated Thickness- 55', Associated Pressure- 3823

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WV Department of Environmental Protection

8) Proposed Total Vertical Depth: 5868'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 23,144'

11) Proposed Horizontal Leg Length: 16308.56'

12) Approximate Fresh Water Strata Depths: 326'

13) Method to Determine Fresh Water Depths: Minimum casing depth required by DEP, no nearby water wells

14) Approximate Saltwater Depths: 470' Salinity Profile

15) Approximate Coal Seam Depths: 343'

16) Approximate Depth to Possible Void (coal mine, karst, other): Approximately 343'

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

Strader Gower
6/21/2023

WW-6B
(04/15)

API NO. 47- 069 - 00352
 OPERATOR WELL NO. Franz Thoman OHI 201H
 Well Pad Name: Franz Thoman OHI

CASING AND TUBING PROGRAM

18)

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20"	New	J-55	94#	110'	110' ✓	CTS
Fresh Water	13 3/8"	New	J-55	54.4#	430'	430' ✓	451 sx/CTS
Coal	See	Surface	Casing				
Intermediate	9 5/8"	New	J-55	36#	1747'	1747' ✓	649 sx/CTS
Production	5 1/2"	New	P-110 HP	20#	23144'	23144' ✓	load 4473sx/Tail 1860sx/ 100' Inside 100' ✓
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	30"	0.25	2120	81	Class A	1.20/30% Excess
Fresh Water	13 3/8"	17.5"	0.380	2730	633	Class A	1.20/30% Excess
Coal	See	Surface	Casing				
Intermediate	9 5/8"	12 1/4"	0.395	3950	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/5% Excess
Tubing							
Liners							

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PACKERS

Kind:				
Sizes:				
Depths Set:				

Strader Gower
6/21/2023

WW-6B
(10/14)

API NO. 47-069 - 00352
OPERATOR WELL NO. Franz Thoman OHI 201H
Well Pad Name: Franz Thoman OHI

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and stimulate any potential zones between and including the Benson to Marcellus. **If we should encounter a void place basket above and below void area- balance cement to bottom of void and grout from basket to surface or run external casing packer/cementing stage tool above void interval and perform 2 stage cementing operation dependent upon depth of void. Run casing not less than 20' below void nor more than 75' below void. (*If freshwater is encountered deeper than anticipated it must be protected, set casing 50' below and cts.)

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Well will be perforated within the target formation and stimulated with a slurry of water, sand, and chemical additives at a high rate. This will be performed in stages with the plug and perf method along the wellbore until the entire lateral has been stimulated within the target formation. All stage plugs are then drilled out and the well is flowed back to surface. In some instances, additional toe prep may be performed by pumping additional water in the toe of the well prior to perforating and pumping Stage 1 to ensure that the toe guns/toe sleeves are fully open prior to pumping stage 1. The well is produced through surface facilities consisting of high pressure production units, horizontal separation units, water and oil storage tanks. Max press and anticipated max rate- 12,500 psi @ 100 barrels a minute.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 22.65

22) Area to be disturbed for well pad only, less access road (acres): 12.98

23) Describe centralizer placement for each casing string:

All casing strings will be ran with a centralizer at a minimum of 1 per every 3 joints of casing.

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24) Describe all cement additives associated with each cement type:

See Attachment ***

25) Proposed borehole conditioning procedures:

All boreholes will be conditioned with circulation and rotation for a minimum of one bottoms up and continuing until operator is satisfied with borehole conditions.

*Note: Attach additional sheets as needed.

Southwestern Energy Company

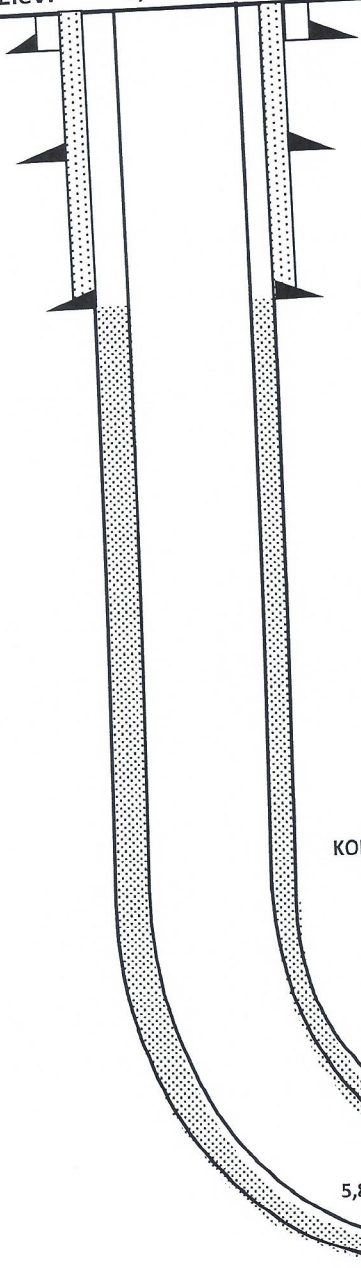
Proposed Drilling Program

Well: FRANZ THOMAN OHI 201
 Field: PANHANDLE FIELD WET
 County: OHIO
 SHL: 40.1367 Latitude
 BHL: 40.1827 Latitude
 KB Elev: 1,164 ft MSL

-80.6599 Longitude
 -80.6843 Longitude
 KB: 26 ft AGL

Re-entry Rig: SDC 501
 Prospect: Marcellus Shale
 State: WV

GL Elev: 1,138 ft MSL



COAL VOID : 343'-349'

PROD TOC Lead @ 1,910' MD
 PROD TOC Tail @ 6,293' MD

TUBULAR DETAIL

Casing String	Casing Size (in)	Weight (Min)	Grade (Min)	Planned Interval	
				From	To
Conductor	20	94.0 #	J-55	0'	110'
Surface/Coal	13.375	54.4 #	J-55	0'	430'
Intermediate	9.625	36.0 #	J-55	0'	1,747'
Production	5.5	20.0 #	P-110 HP	0'	23,144'

CEMENT DETAIL

	Sacks	Class	Density
Conductor	140	A	19.3
Surface	451	A	15.6
Intermediate	649	A	15.6
Production	4473	A	14.3

110' to 450'
Air/Mist

450' to 1,767'
Air/Mist

1,767' to 5,769'
Air/Mist

TD at 5,769'

KOP at 5,769' MD

Freshwater Depth - 326' TVD
 Coal Void Depth - 343' TVD
 Saltwater Depth - 470' TVD
 TVD - 5,868'
 TMD - 23,144'

RECEIVED 5,769' to 6,657'
Office of Oil and Gas 12.0-12.5 ppg

JUL 06 2023

WV Department of Environmental Protection

5,868' Target Center

TD at 23,144' MD
5,669' TVD

EOB at 6,657' MD
SHL Onondaga 5,882' TVD

Onondaga 5,683' TVD

6,657' to 23,150'
12.5-13.5 ppg

Created by: Marcus Rendon on 05/31/2023

Strader Gower

6/21/2023

07/14/2023

API	Operator	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones Not Perforated
47-069-00303	SWN PRODUCTION COMPANY	ACTIVE	40.136730	-80.659902	5881'	MARCELLUS	
47-069-00310	SWN PRODUCTION COMPANY	ACTIVE	40.136722	-80.659867	5879'	MARCELLUS	
47-069-00311	SWN PRODUCTION COMPANY	ACTIVE	40.136714	-80.659833	5877'	MARCELLUS	
47-069-00312	SWN PRODUCTION COMPANY	ACTIVE	40.136659	-80.659892	5945'	MARCELLUS	
47-069-00313	SWN PRODUCTION COMPANY	ACTIVE	40.136706	-80.659799	5884'	MARCELLUS	
47-069-00322	SWN PRODUCTION COMPANY	ACTIVE	40.136651	-80.659858	5875'	MARCELLUS	
47-069-00314	SWN PRODUCTION COMPANY	ACTIVE	40.136643	-80.659824	5885'	MARCELLUS	

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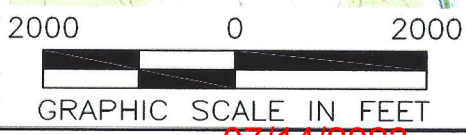
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.136737° LONGITUDE: -80.659936°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.182721° LONGITUDE: -80.684305°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.136738° LONGITUDE: -80.659936°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.182715° LONGITUDE: -80.684340°

PROPOSED SURFACE HOLE AS-DRILLED SURFACE HOLE



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
- ACCESS ROAD
- PUBLIC ROAD
- FLOOD PLAIN
- LEASE BOUNDARY
- AS-DRILLED PATH
- PROPOSED PATH

07/14/2023

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: FRANZ THOMAN OHI	WELL # 201H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY: OHIO	CODE: 069	DISTRICT: RICHLAND
SURFACE OWNER: FRANZ THOMAN	USGS 7 1/2 QUADRANGLE MAP NAME: TILTONVILLE, OH-WV		
		API # 47-069-00352	

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

9763'

LATITUDE: 40°12'30" BOTTOM HOLE (2000' SCALE)

4977'

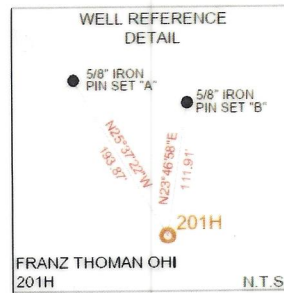
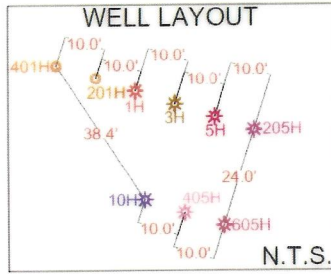


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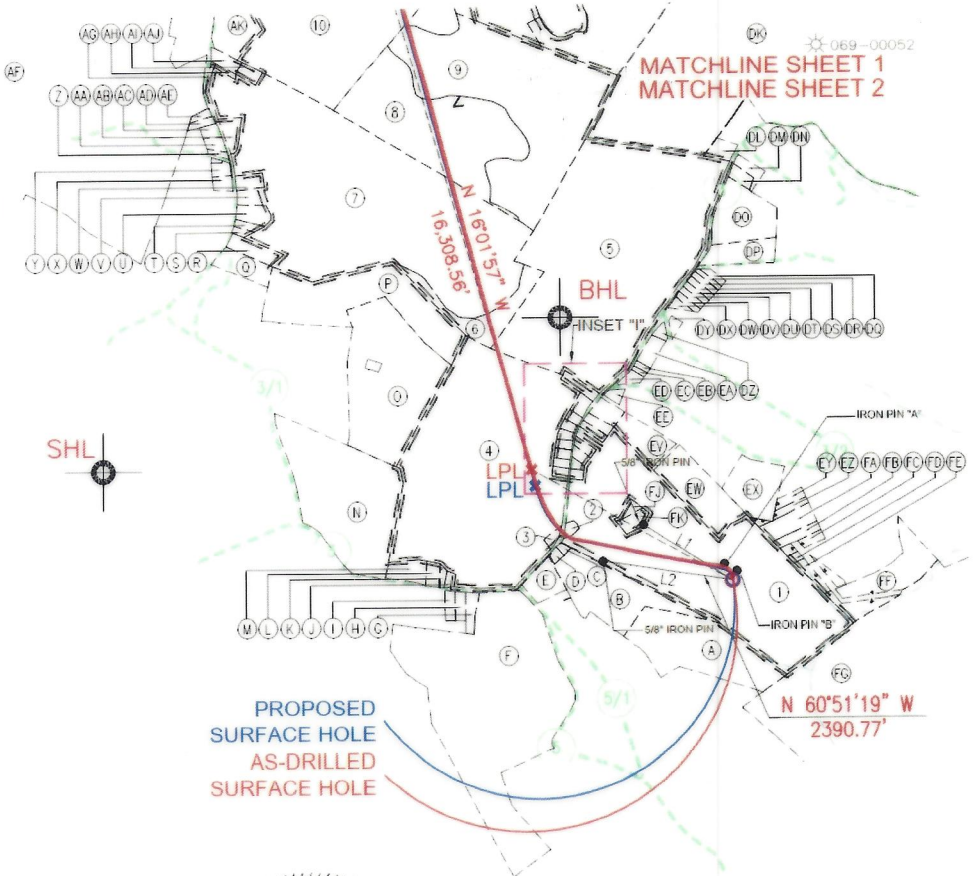
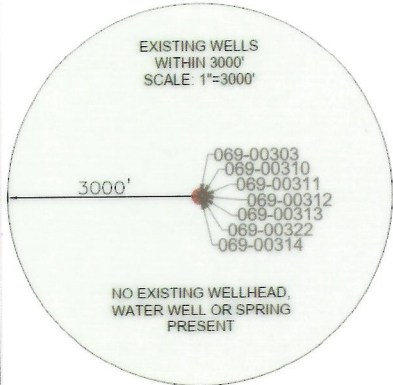
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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.

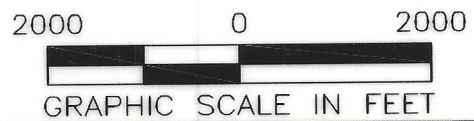
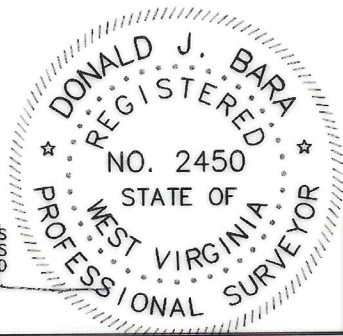


LINE	BEARING	DISTANCE
L1	N 57°21'19" W	1100.17'
L2	N 81°12'37" W	1367.11'



LONGITUDE: 80°40'00" BOTTOM HOLE (2000' SCALE)
LONGITUDE: 80°37'30" SURFACE HOLE (2000' SCALE)

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442989.32 EASTING: 528969.83
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4443333.43 EASTING: 528327.76
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448085.52 EASTING: 526875.67
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442989.37 EASTING: 528969.82
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4443282.38 EASTING: 528339.61
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448084.83 EASTING: 526872.73



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

P.S. 2450

COMPANY: **SWN** Production Company, LLC

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	OPERATOR'S WELL #: FRANZ THOMAN OHI 201H API WELL #: 47 069 00352 STATE COUNTY PERMIT
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WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,137.5'
 DISTRICT: RICHLAND COUNTY: OHIO QUADRANGLE: TILTONSVILLE, 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) **MODIFICATION 07/14/2023**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,868' TVD 23,144' 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 ● EXISTING LANDING POINT LOCATION ● PROPOSED SURFACE HOLE / BOTTOM HOLE ● PROPOSED LANDING POINT LOCATION — ACCESS ROAD — PUBLIC ROAD — FLOOD PLAIN — LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH	REVISIONS: DATE: 06-22-2023 API NO: 47-069-00352 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)

9763'

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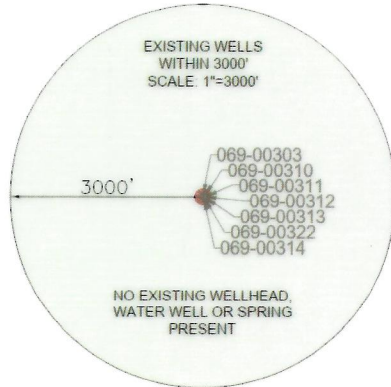
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PROPOSED
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AS-DRILLED
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NOTES ON SURVEY

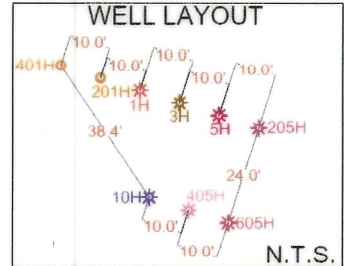
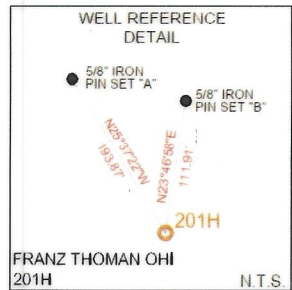
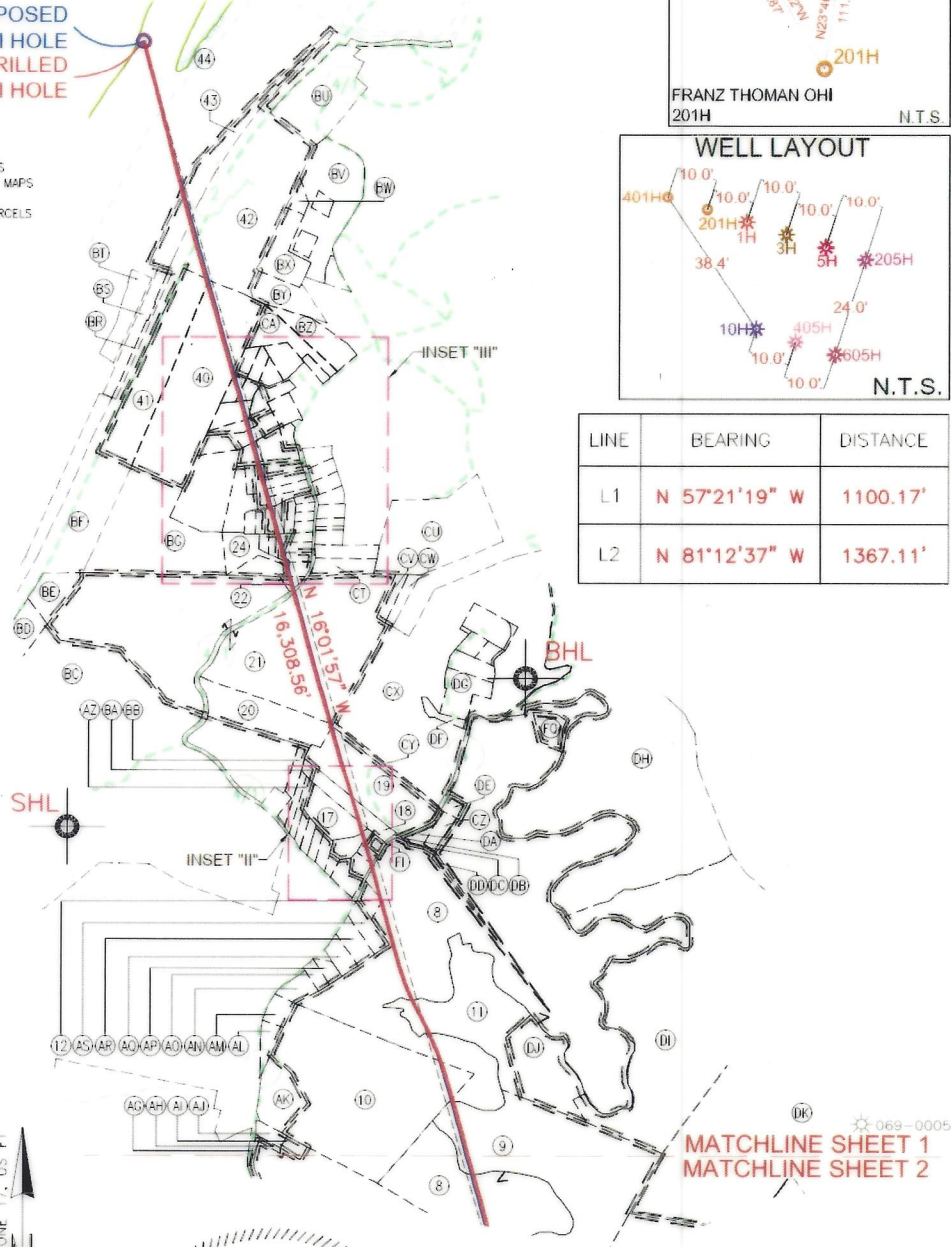
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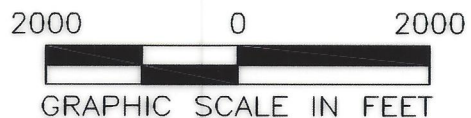
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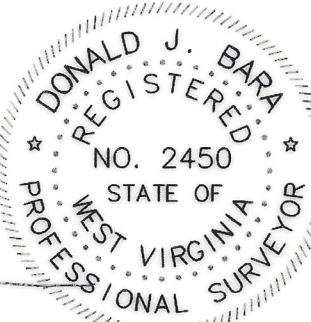
P.S. 2450



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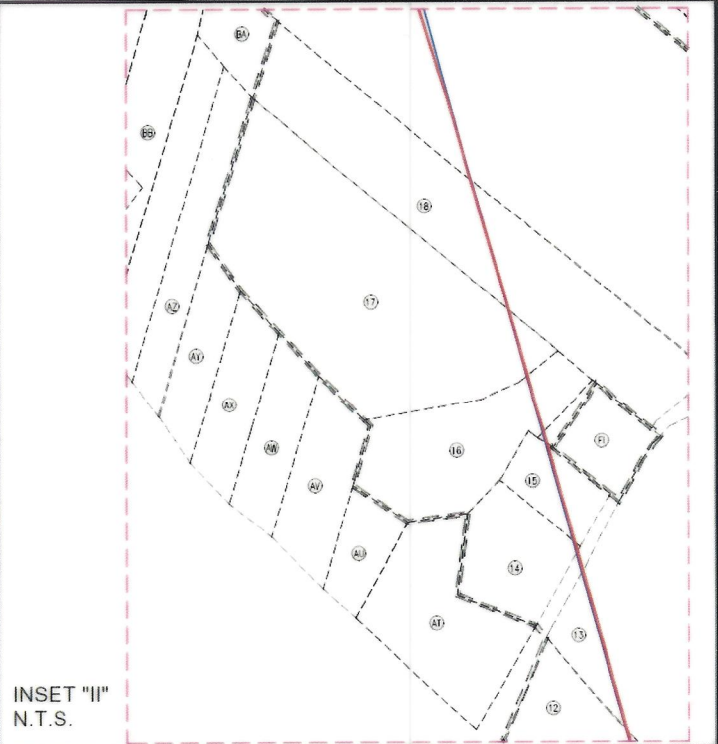
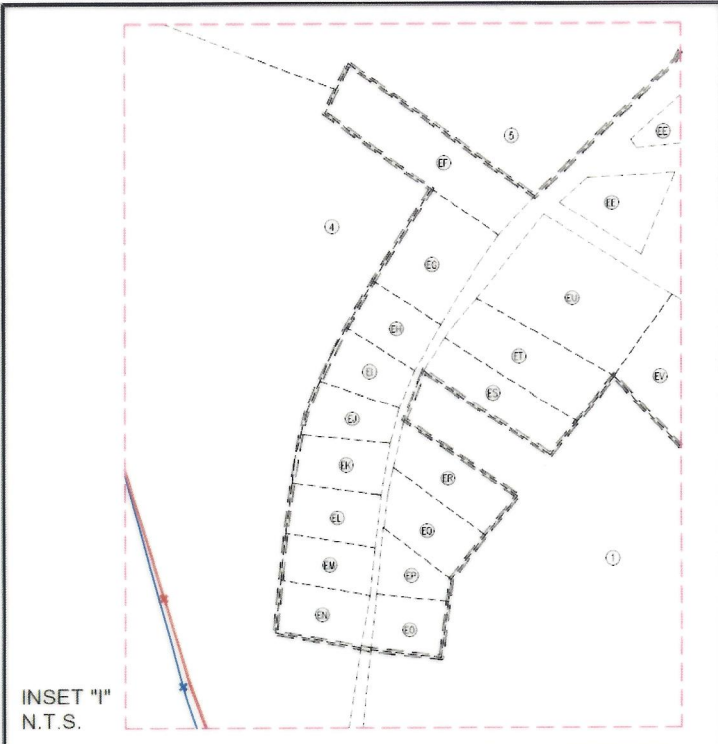
COMPANY: **SWN** Production Company, LLC

OPERATOR'S WELL #:	FRANZ THOMAN OHI
201H	
API WELL #:	47 069 00352
STATE COUNTY PERMIT	

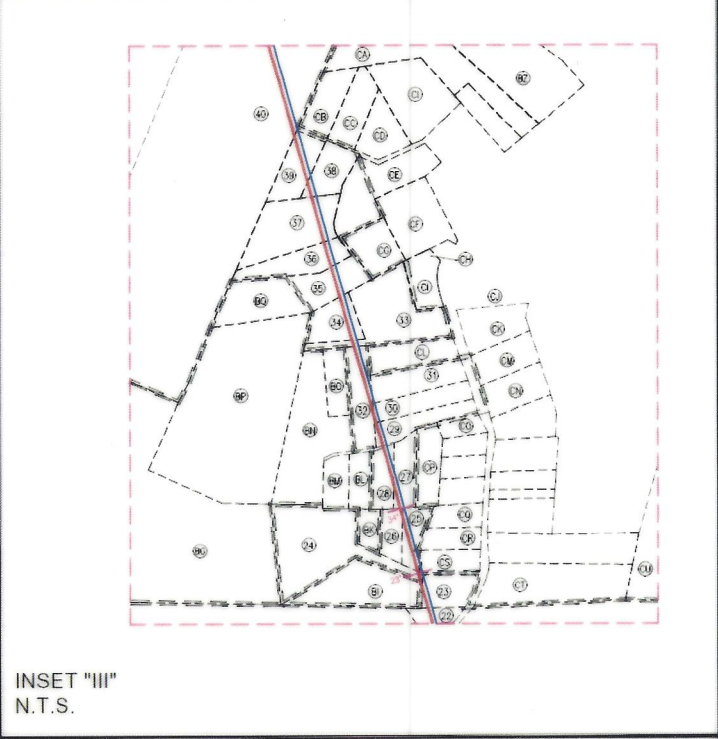
WELL TYPE:	OIL	WASTE DISPOSAL	PRODUCTION	DEEP	GAS	LIQUID INJECTION	STORAGE	SHALLOW	
WATERSHED:	UPPER OHIO SOUTH							ELEVATION:	1,137.5'
DISTRICT:	RICHLAND							COUNTY:	OHIO
SURFACE OWNER:	FRANZ THOMAN							QUADRANGLE:	TILTONSVILLE, OH-WV
OIL & GAS ROYALTY OWNER:	FRANZ THOMAN							ACREAGE:	±69.418
DRILL	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE	PLUG OFF OLD FORMATION	PERFORATE NEW FORMATION				
CONVERT	PLUG & ABANDON	CLEAN OUT & REPLUG	OTHER CHANGE	(SPECIFY) MODIFICATION 07/14/2023					
TARGET FORMATION:	MARCELLUS							ESTIMATED DEPTH:	5,868' TVD 23,144' 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
STATE:	WV	ZIP CODE:	26508

LEGEND:	EXISTING BOTTOM HOLE	ACCESS ROAD
	EXISTING / PRODUCING WELLHEAD	PUBLIC ROAD
	EXISTING LANDING POINT LOCATION	FLOOD PLAIN
	PROPOSED SURFACE HOLE / BOTTOM HOLE	LEASE BOUNDARY
	PROPOSED LANDING POINT LOCATION	AS-DRILLED PATH
		PROPOSED PATH
REVISIONS:	DATE: 06-22-2023	
	API NO: 47-069-00352	
	DRAWN BY: Z.WOOD	
	SCALE: 1" = 2000'	
	DRAWING NO: 2018-781	
	WELL LOCATION PLAT	



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-R8P-16
3	WEAVER SHIRLEY M	4-R8P-2
4	CRAFT JOSEPH W III FOUNDATION	4-R8-51
5	CRAFT JOSEPH W III FOUNDATION	4-R8-5
6	CRAFT JOSEPH W III FOUNDATION	4-R8-4.13
7	TUNNEL RIDGE LLC	4-R8-4.18
8	TUNNEL RIDGE LLC	4-R5-40.7
9	CRAFT JOSEPH W III FOUNDATION	4-R8-3.1
10	TUNNEL RIDGE LLC	4-R8-3.2
11	CRAFT JOSEPH W III FOUNDATION	4-R5-40
12	HOWELL CLARENCE F AND DIANA M	4-R5-40.3
13	KUCERA CARL J	4-R5-30.3
14	BOWMAN BETTY JO	4-R5-29
15	MEANS CHRISTOPHER & JENNIFER	4-R5-30.8
16	MEANS CHRISTOPHER & JENNIFER	4-R5-30.6
17	MEANS CHRISTOPHER & JENNIFER	4-R5-30
18	TEMPLE STEPHANIE IRENE	4-R5-27
19	KRASEVEC RALPH J & B A	4-R5-21.3
20	ESTEP JOHN L	4-R5-22.4
21	PLUMBY SARA, JULIE KLEIN & JUDITH PATTI	4-R5-22
22	RASNAK JEFF	4-R5-22.5
23	STAUVER HAROLD L II	4-R5-2.4
24	DUNAWAY DONALD W	4-R5E-6
25	DECREASE KIMBERLY A	4-R5E-3
26	DECREASE KIMBERLY A	4-R5E-4
27	BEAVER MARK R & M T	4-R5E-10
28	BEAVER MARK R & M T	4-R5E-9
29	COLEMAN CHARLES E	4-R5-2.24
30	CAPP LAWRENCE E & K L	4-R5-2.23
31	CAPP LAWRENCE E & K L	4-R5-2.22
32	SWARTLING WILLIAM JOSEPH SWARTLING REBECCA SUZANNE -TOD	4-R5-2.25
33	FLUHARTY DOUGLAS W	4-R5-2.21
34	VOGRIN STEPHEN L & ERIN L	4-R5-2.57
35	WILKINSON KATHRYN E - TOD	4-R5-2.17
36	CUPP KELLEY J	4-R5-2.51
37	GAUS BRYAN R & DANIELLE L	4-R5-2.47
38	LARESE BRANDON	4-R5-2.56
39	LARESE MARK C & JEAN ANN	4-R5-2.39
40	CRAFT JOSEPH W III FOUNDATION	4-R4-4
41	CRAFT JOSEPH W III FOUNDATION	04-00R4-9999-99 99B
42	WEST PENN POWER COMPANY	04-00R4-9999-99 99A
43	TUNNEL RIDGE LLC	4-R2-21
44	STATE OF WEST VIRGINIA	OHIO RIVER





ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	TUNNEL RIDGE LLC	4-R8-62.5
B	TUNNEL RIDGE LLC	4-R8-62.4
C	TUNNEL RIDGE LLC	4-R8P-14
D	TUNNEL RIDGE LLC	4-R8P-15
E	TUNNEL RIDGE LLC	4-R8P-1
F	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8-53
G	MARY ANN HESS REALTY LLC C/O HANNIG & ASSOCIATES PLLC	4-R8N-10
H	LITTEN PATRICIA J	4-R8N-8
I	MURRAY JOSEPH B & SYLVIA J	4-R8N-7
J	ORKOSKEY JANET K	4-R8N-11
K	SHELL HOLLY L	4-R8N-12
L	SHELL HOLLY L	4-R8N-13
M	SMITH W EVERETT & JOLINDA STEINER	4-R8N-14
N	TUNNEL RIDGE LLC	4-R8-67
O	TUNNEL RIDGE LLC	4-R8-79
P	CRAFT JOSEPH W III FOUNDATION	4-R8-63.2
Q	TRACY JOHN A & MARY ANN E	2-CV4-21
R	BAKER VINCENT L	2-CV1-6
S	BAKER VINCENT L	2-CV1-9
T	KINNEER VERNON A JR & CARLA C	2-CV1-8
U	KINNEER VERNON A JR & CARLA C	2-CV1-8
V	BROWN CHAD & YEKATERNIA	4-R8-4.19

07/14/2023

REVISIONS:			
COMPANY:	FRANZ THOMAN OHI		DATE: 06-22-2023
OPERATOR'S	201H		API NO: 47-069-00352
WELL #:	COUNTY: OHIO	STATE: WV	DRAWN BY: Z.WOOD
DISTRICT: RICHLAND			SCALE: N/A
			DRAWING NO: 2018-781
			WELL LOCATION PLAT

ADJOINING OWNERS TABLE			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
W	BROWN CHAD & YEKATERINA	4-R8-4.17	CQ	ALTMAN RICHARD T & SARA A	4-R5E-2
X	FEDORKE M PATRICIA	4-R8-4.2	CR	HOLDERMAN ALBERT J III & N J	4-R5E-1
Y	FACEMIRE JAMES G	4-R8-4.3	CS	HINEBAUGH PROPERTIES LLC	4-R5-2.5
Z	MACKEE JOHN E & DIANNA L	4-R8-4.4	CT	KLEEH JESSE J & ANDREA S	4-R5-63.1
AA	SMILA FRANK W JR & KELLY L	4-R8-4.12	CU	CRAFT JOSEPH W III FOUNDATION	4-R5-2.2
AB	BAKER STEVEN P (LE); STEVEN P BAKER ET AL	4-R8-4	CV	CRAFT JOSEPH W III FOUNDATION	4-R5-22.2
AC	GRASKI DONNA M; GRASKI MICHAEL & GRASKI TIFFANY L	4-R8-4.6	CW	CRAFT JOSEPH W III FOUNDATION	4-R5-22.1
AD	HELDEFFER GEORGE W	4-R8-4.7	CX	KRASEVEC RALPH J AND BEVERLY	4-R5-21.10
AE	KUCERA LISA A	4-R8-4.8	CY	KRASEVEC RALPH J & BEVERLY A	4-R5-21.5
AF	ROTH FARM LLC	4-R7-24	CZ	RICHIE RONALD L & SANDRA L	4-R5-42.2
AG	MCKEE JAMES F JR & EILEEN B	4-R8-77	DA	RICHIE RONALD L & S L	4-R5-40.2
AH	MCKEE JAMES & EILEEN	4-R8-4.15	DB	TUNNEL RIDGE LLC	4-R5-40.5
AI	MCKEE JAMES & EILEEN	4-R8-4.16	DC	RICHIE RONALD L & SANDRA L	4-R5-40.6
AJ	MCKEE JAMES F JR & EILEEN B	4-R8-4.14	DD	TUNNEL RIDGE LLC	4-R5-40.4
AK	SCHUETZ EBBIE JOSEPH & JOY	4-R8-3	DE	RAPER JAMES	4-R5-41
AL	HABERFIELD WAYNE K & D A	4-R8-1	DF	KRASEVEC RALPH JAY	4-R5-21.11
AM	SHELL RICHARD A & N	4-R8-1.1	DG	KRASEVEC RALPH J & BEVERLY A	4-R5-21.1
AN	WEIGAND PAUL & REBECCA FAMILY TRUST	4-R5-40.1	DH	CRAFT JOSEPH W III FOUNDATION	4-R5-42.1
AO	KLEMM RICHARD A & J E	4-R5-36.1	DI	CRAFT JOSEPH W III FOUNDATION	4-R5-43
AP	ANTLEY MARK R & ELLIE	4-R5-36.2	DJ	CRAFT JOSEPH III FOUNDATION	4-R8-71
AQ	MOUSER GREGORY	4-R5-37	DK	CRAFT JOSEPH W III FOUNDATION	4-R8-6
AR	BRANCH ANTHONY J JR BRANCH TEXANNA	4-R5-38	DL	WENDEL WILLIAM F	4-R8-33.1
AS	BAKER TIMOTHY R	4-R5-39	DM	ICKLER DARRELL E & CYNTHIA A	4-R8-30.2
AT	MEANS CHRISTOPHER & JENNIFER	4-R5-30.7	DN	COLEMAN MARGUERITE A	4-R8-30.1
AU	MEANS CHRISTOPHER & JENNIFER	4-R5-30	DO	HARGLE ROAD PATRICIA A	4-R8-31
AV	THOMAS MARK S & CINDY K	4-R5-30.5	DP	JOHNSON CARRIE M & R M	4-R8-32
AW	THOMAS MARK S & C K	4-R5-30.4	DQ	MAYLES HARRY J	4-R8F-2
AX	WEAR SETH A & BLAKELY REBECCA S	4-R5-30.2	DR	MAYLES HARRY J	4-R8F-1
AY	GRAY CINDY JO	4-R5-30.1	DS	HENDERSON DAVID A	4-R8K-1
AZ	RICHARDSON BRIAN D AND FLANEGAN CASEY K	4-R5-26.1	DT	RAYMUND FRANCES M	4-R8K-2
BA	HASELEU ELAINE M	4-R5-26	DU	VENSKOSKE WILLIAM A JR	4-R8K-3
BB	HASELEU ELAINE M	4-R5-25	DV	CRISP STEVEN A & REGINA A	4-R8K-4.1
BC	HEART 2 HEART VOLUNTEERS INC	4-R4-5	DW	CRISP STEVEN A & REGINA A	4-R8K-5
BD	DONOHEW WILLIAM S & LAURA	04-00R4-9999-9999E	DX	PAUL CARL E JR & SHARON D	4-R8K-6
BE	KLIEN JULIA B; PATTI JUDITH A; PLUMBY SARA L	04-00R4-9999-9999D	DY	AGUIRRE ALFREDO	4-R8K-18
BF	WEST PENN POWER COMPANY	UNKNOWN	DZ	WEILER RICHARD J	4-R8K-54
BG	DUNAWAY DONALD R & DONALD W	4-R4-2.5	EA	WEILER RICHARD J	4-R8K-55
BI	KREISER DWIGHT & KATHY	4-R5E-6.1	EB	HEATH TIMOTHY G	4-R8K-59
BK	DECREASE KIMBERLY A	4-R5E-5	EC	HEATH TIMOTHY G	4-R8K-60
BL	JEWELL RONALD E & KATHRYN J	4-R5E-8	ED	DENARD SHAWN C	4-R8K-62
BM	JEWELL RONALD E & KATHRYN J	4-R5E-7	EE	MULDREW DAVID R & KAREN	4-R8K-86
BN	RIEDEL MICHAEL J & BRENDA J	4-R5-2.19	EF	HERCULES ROBERT D & PATSY G	4-R8K-113
BO	FEDERAL HOME LOAN MORT CORP	4-R5-2.38	EG	HERCULES ROBERT D & P G	4-R8K-103
BP	RIEDEL MICHAEL J & BRENDA J	4-R5-2.18	EH	BOZENSKE B H AND OKELLEY K J	4-R8K-104
BQ	RIEDEL MICHAEL J & BRENDA J	4-R5-2.64	EI	REED ELMER & JOY	4-R8K-105
BR	CRAFT JOSEPH W III FOUNDATION	4-R1-2	EJ	REED ELMER K & J D	4-R8K-106
BS	CRAFT JOSEPH W III FOUNDATION	4-R1-1.1	EK	FRAGALE ELAINE & SPEAKER KURT	4-R8K-107
BT	CRAFT JOSEPH W III FOUNDATION	4-R4-3	EL	OCHAP EUGENE F & DENISE R	4-R8K-108
BU	SIEGWART JEFFREY W & CYNTHIA A	4-R4-9999-9999	EM	OCHAP EUGENE F & D R	4-R8K-109
BV	SIEGWART JEFFREY W & CYNTHIA A	4-R2-2	EN	MCGEE JOHN M	4-R8P-17
BW	SIEGWART JEFFREY W & CYNTHIA A	4-R2-2.2	EO	GAYDA DONALD P	4-R8P-18
BX	SIEGWART JEFFERY W & C A	4-R2-2.1	EP	BOND CHARLES R	4-R8K-110
BY	TUNNEL RIDGE LLC	4-R5-69	EQ	SCHWERTFEGER TYLER S	4-R8K-111
BZ	WILSON RYAN T & MIDCAP SAMANTHA R	4-R5-2.3	ER	SCHWERTFEGER TYLER S	4-R8K-112
CA	RUSSELL CINDY L & JAMES F	4-R5-2.13	ES	WILSON RAY B & ANN M	4-R8-62.7
CB	LANOS JOHN & GOLDIE	4-R5-2.33	ET	MILLARD BRITTANY LYNN	4-R8-62.6
CC	LANOS JOHN & GOLDIE	4-R5-2.32	EU	MULDREW DAVID R & KAREN	4-R8K-101
CD	WEIGAND PAUL M & REBECCA FAMILY TRUST	4-R5-2.31	EV	TAYLOR DELORA L - TOD	4-R8K-100
CE	MUTH RONALD J & LYNNE A	4-R5-2.66	EW	SOBOTA SUSAN J	4-R8-62.3
CF	WILKINSON KATHRYN E - TOD	4-R5-2.6	EX	WRIGHT JOHN T & MELINDA L	4-R8P-11
CG	WILKINSON DAVID	4-R5-2.54	EY	SUTTON JACQUELINE M	4-R8Q-10
CH	WILKINSON KATHRYN E - TOD	4-R5-3.2	EZ	DAGUE AMY D	4-R8Q-11
CI	FLUHARTY DOUGLAS W	4-R5-3.3	FA	KURNER DALE E & B J	4-R8Q-12
CJ	COX GARRETT SHELLEY L	4-R5-3.4	FB	WHEELER JOLLY W JR & K M	4-R8Q-14
CK	STIGLICH JOSEPH M & JOHANNA	4-R5-2.11	FC	TAROVISKY FRANK J & S R - TOD	4-R8Q-28
CL	PARKER DOUGLAS EUGENE	4-R5-2.20	FD	TOMASIK PAULA J & EDWARD C	4-R8Q-3
CM	CANTRELL DAVID L & REBECCA L	4-R5-4	FE	TERAMANA RUSSELL & ROSEANN	4-R8Q-2
CN	COLEMAN JASON	4-R5-2.8	FF	HUFFMAN KENDRA L & RALPH J	4-R8Q-60
CO	COLEMAN CHARLES E	4-R5E-15	FG	SANDCREST FOUNDATION INC	4-R11-15
CP	BEAVER MARK R & M T	4-R5E-11	FH	KRASEVEC RALPH J	4-R5-42
			FI	TEMPLE STEPHANIE IRENE	4-R5-28
			FJ	MAJEWSKI KASMIR MAJEWSKI EDWARD A	4-R8-62.2
			FK	MAJEWSKI KASMIR MAJEWSKI EDWARD A	4-R8-62.8

07/14/2023

REVISIONS:	COMPANY: 			
	OPERATOR'S: FRANZ THOMAN OHI		DATE: 06-22-2023	
	WELL #: 201H		API NO: 47-069-00352	
	DISTRICT: RICHLAND	COUNTY: OHIO	STATE: WV	DRAWN BY: Z. WOOD
				SCALE: N/A
				DRAWING NO: 2018-781
				WELL LOCATION PLAT

WW-6A1
(5/13)

Operator's Well No. FRANZ THOMAN OHI 201H

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Exhibit A				

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: SWN Production Co., LLC

By: Gavin Nadeau, RPL

Its: Senior Landman

RECEIVED
Office of Oil and Gas

JUL 06 2023

WV Department of
Environmental Protection

EXHIBIT "A"
 Franz Thomaz OH 201H
 Ohio County, West Virginia
 Attached to and made a part of the State of West Virginia Oil and Gas Permit Form, WW-6A1, by SWN Production Company, LLC, Operator

#	TMP	LESSOR	LESSEE	ROYALTY	BE/PQ	% INTEREST NOT LEASED BY SWN PRODUCTION COMPANY, LLC
1)	04-00R-8-0002-0000	Franz Thomaz, single	Chesapeake Appalachia, L.L.C.	18.00%	82,752	0.00%
2)	04-0R8P-0016-0000	Tunnel Ridge, LLC	SWN Production Company, LLC	18.00%	885,644	0.00%
3)	04-0R8P-0002-6000	Shirley M. Weaver and George S. Weaver, wife and husband	SWN Production Company, LLC	18.00%	946,107	0.00%
4)	04-00R-8-0051-0000	Alliance Resource GP, LLC	Chesapeake Appalachia, L.L.C.	18.00%	823,163	0.00%
5)	04-00R-8-0005-0000	Alliance Resource GP, LLC	SWN Production Company, LLC	17.00%	916,98	0.00%
6)	04-00R-8-0004-0013	Elizabeth A. Baker, aka Bety A. Baker	SWN Production Company, LLC	17.00%	916,98	0.00%
7)	04-00R-8-0004-0018	Paul Baker	Chesapeake Appalachia, L.L.C.	14.00%	859,521	0.00%
8)	04-00R-8-0010-0007	Alliance Resource GP, LLC	SWN Production Company, LLC	16.00%	928,532	0.00%
9)	04-00R-8-0003-0001	Alliance Resource GP, LLC	SWN Production Company, LLC	17.00%	916,98	0.00%
10)	04-00R-8-0003-0002	Tunnel Ridge, LLC	SWN Production Company, LLC	17.00%	916,98	0.00%
11)	04-00R-8-0010-0000	Alliance Resource GP, LLC	SWN Production Company, LLC	17.00%	916,91	0.00%
12)	04-00R-8-0010-0003	Clarence F. Howell and Diana Mae Howell, husband and wife	TH Exploration, LLC	18.00%	892,493	0.00%
			American Petroleum Partners Operating, LLC		958,126	
			SWN Production Company, LLC		980,572	
13)	04-00R-5-0050-0003	Carl J. Kucera and Sharon L. Kucera, husband and wife	TH Exploration, LLC	18.00%	892,735	0.00%
			American Petroleum Partners Operating, LLC		958,126	
			SWN Production Company, LLC		980,572	
14)	04-00R-5-0029-0000	Betty Jo Bowman and Harold Bowman, wife and husband	TH Exploration, LLC	18.00%	892,492	0.00%
			American Petroleum Partners Operating, LLC		958,126	
			SWN Production Company, LLC		980,572	
15)	04-00R-5-0030-0008	John J. Stefanow Jr., a single man	TH Exploration, LLC	18.00%	896,79	0.00%
			American Petroleum Partners Operating, LLC		958,126	
			SWN Production Company, LLC		980,572	
16)	04-00R-5-0030-0006	John J. Stefanow Jr., a single man	TH Exploration, LLC	18.00%	896,79	0.00%
			American Petroleum Partners Operating, LLC		958,126	
			SWN Production Company, LLC		980,572	
17)	04-00R-5-0030-0000	John J. Stefanow Jr., a single man	TH Exploration, LLC	18.00%	896,79	0.00%
			American Petroleum Partners Operating, LLC		958,126	
			SWN Production Company, LLC		980,572	
18)	04-00R-5-0027-0000	Stephanie Irene Temple, a married woman dealing in her sole and separate property	SWN Production Company, LLC	18.00%	1002,996	0.00%
19)	04-00R-5-0021-0003	Bounty Minerals, LLC	SWN Production Company, LLC	18.00%	939,1	0.00%
		Ralph J. Krusevec and Beverly A. Krusevec, husband and wife	SWN Production Company, LLC	16.00%	929,303	0.00%
20)	04-00R-5-0022-0004	Sam L. Phunby-Ellis aka Sara L. Phunby, a married woman dealing in her own and separate property	SWN Production Company, LLC	16.00%	928,542	0.00%
		Judy Patti, aka Judith A. Patti	SWN Production Company, LLC	16.00%	928,516	0.00%
		Julie B. Klein, married	SWN Production Company, LLC	16.00%	951,323	0.00%
21)	04-00R-5-0022-0000	Sam L. Phunby-Ellis aka Sara L. Phunby, a married woman dealing in her own and separate property	SWN Production Company, LLC	16.00%	928,542	0.00%
		Judy Patti, aka Judith A. Patti	SWN Production Company, LLC	16.00%	928,516	0.00%
		Julie B. Klein, married	SWN Production Company, LLC	16.00%	951,323	0.00%
22)	04-00R-5-0022-0005	Margaret L. Haught, widow, and Jeff Raasake, married	Chesapeake Appalachia, L.L.C.	18.00%	807,772	0.00%
			SWN Production Company, LLC		883,391	
23)	04-00R-5-0002-0004	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
24)	04-0R-5E-0006-0000	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
25)	04-0R-5E-0003-0000	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
26)	04-0R-5E-0004-0000	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
27)	04-0R-5E-0010-0000	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
28)	04-0R-5E-0009-0000	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
29)	04-00R-5-0002-0024	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
30)	04-00R-5-0002-0023	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
31)	04-00R-5-0002-0022	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
32)	04-00R-5-0002-0025	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
33)	04-00R-5-0002-0021	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
34)	04-00R-5-0002-0017	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
35)	04-00R-5-0002-0017	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
36)	04-00R-5-0002-0051	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
37)	04-00R-5-0002-0047	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
38)	04-00R-5-0002-0036	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
39)	04-00R-5-0002-0039	Carolyn H. Forman, aka Carolyn Jane Stone Hetzel	SWN Production Company, LLC	16.00%	930,443	0.00%
40)	04-00R-4-0004-0000	Alliance Resource GP, LLC	SWN Production Company, LLC	17.00%	916,99	0.00%
41)	04-00R-4-9999-9999B	The Kathleen S. Craft Foundation	SWN Production Company, LLC	18.00%	964,483	0.00%
		Joseph W. Craft, III Foundation	SWN Production Company, LLC	18.00%	964,492	0.00%
42)	04-00R-4-9999-6666A	West Penn Power Company, a Pennsylvania corporation	SWN Production Company, LLC	18.00%	1018,561	0.00%
43)	04-00R-3-0021-0000	Tunnel Ridge, LLC	SWN Production Company, LLC	18.00%	946,107	0.00%
44)	OHIO RIVER	State of West Virginia, Department of Commerce, Division of Natural Resources	SWN Production Company, LLC	30.00%	1027,140	0.00%

END OF EXHIBIT "A"

RECEIVED
 Office of Oil and Gas

JUL 06 2023

WV Department of
 Environmental Protection



SWN Production Company, LLC
1300 Fort Pierpont Dr, Ste 201
Morgantown, WV 26508
Tel: 304 884 1610
Fax: 304 471 2497
www.swn.com

July 13, 2022

Mr. Charles Brewer
WV DEP Office of Oil & Gas
601 57th St., SE
Charleston, WV 25304

RE: SWN's proposed New Well: Franz Thoman OHI 201H in Ohio County, West Virginia, Drilling under Cherry Hill Road, Reilly Delaplain Road, Stone Shannon Road, and Warwood Ave.

Dear Mr. Brewer:

SWN Production Company, LLC ("SWN") is applying for a drilling permit for the above referenced well. The State of West Virginia has raised some concern as to SWN's right to drill under Cherry Hill Road, Reilly Delaplain Road, Stone Shannon Road, and Warwood Ave. Please be advised that SWN has leased all mineral owners under said route as it relates to the above-referenced well and unit.

Respectfully,

SWN Production Company, LLC

A handwritten signature in blue ink, appearing to read "Gavin Nadeau".

Gavin Nadeau, RPL
Landman

RECEIVED
Office of Oil and Gas
JUL 06 2023
WV Department of
Environmental Protection

The logo for RPA (Right People doing the Right Things), featuring the letters "RPA" in a stylized, red font with a plus sign.

The Right People doing the Right Things,
wisely investing the cash flow from our
underlying Assets, will create Value+®

07/14/2023



SWN Production Company, LLC
1300 Fort Pierpont Dr, Ste 201
Morgantown, WV 26508
Tel: 304 884 1610
Fax: 304 471 2497
www.swn.com

July 5, 2023

CK # 0001075390
CK \$ 3,500.00

Mr. Charles Brewer
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

CK # 0001074069
CK \$ 5,000.00

RECEIVED
Office of Oil and Gas

RE: Proposed **Expedited Mod:** NOV 11910_Franz Thoman OHI 201H

JUL 06 2023

Dear Mr. Brewer:

WV Department of
Environmental Protection

Enclosed please find the required documents to modify this well. We would like to modify this well to show parcels that we drilled through, but were not listed on the permitted 6A1 to abate the above-mentioned NOV. This well is situated on the Thoman's property, in Richland District, Ohio County, West Virginia.

Enclosed you will find:

- 6B
- WBD
- Mylar
- 6A1

If you have any questions or desire additional information, please me at 304-884-1613

Thank you.

Sincerely,

Brittany Woody
Staff Regulatory Specialist
Southwestern Energy Production Company, LLC

The Right People doing the Right Things,
wisely investing the cash flow from our
underlying Assets, will create Value+®
07/14/2023