

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

9806'

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

1450'

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

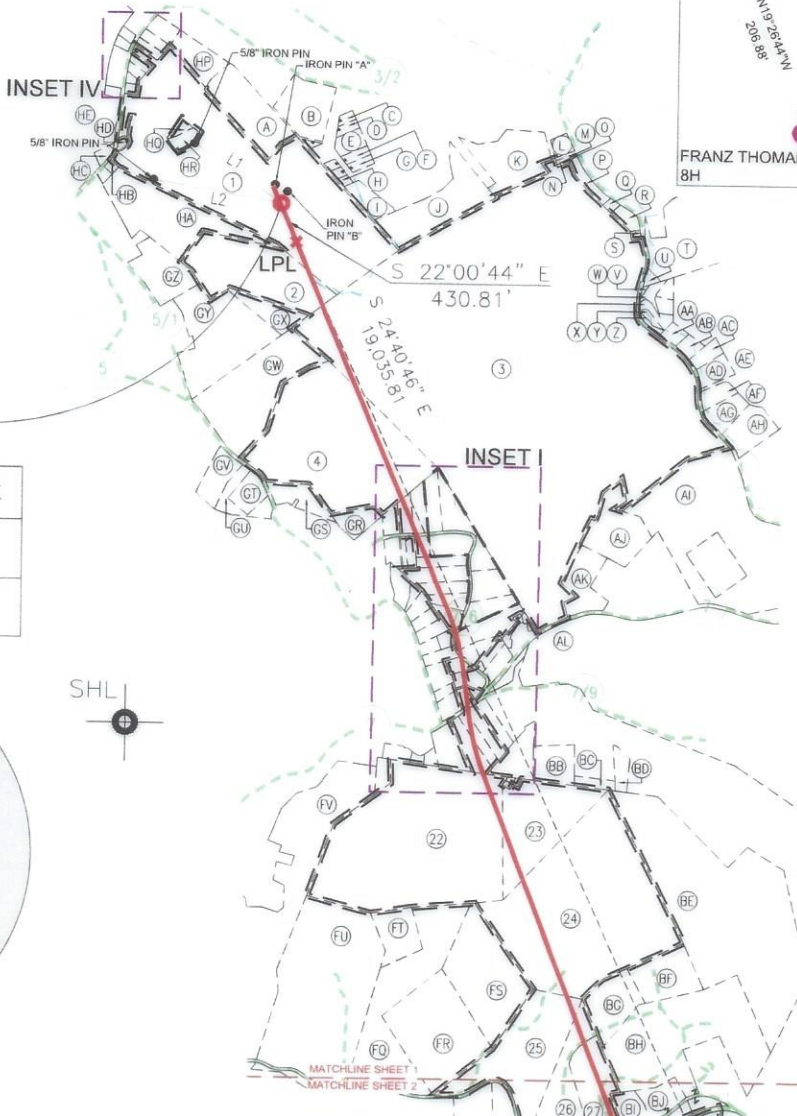
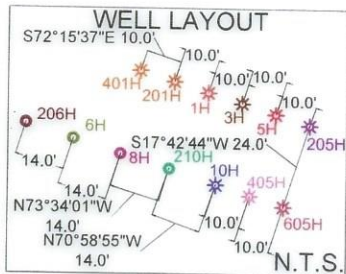
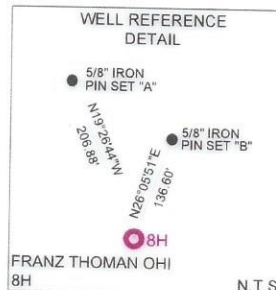


www.jhacompanies.com

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

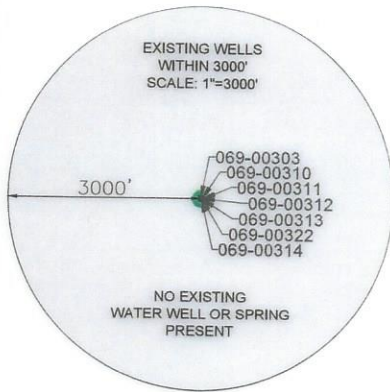
NOTES ON SURVEY

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.



PROPOSED SURFACE HOLE

LINE	BEARING	DISTANCE
L1	N56°02'39"W	1098.79'
L2	N80°16'01"W	1355.60'



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



COMPANY: **SWN** Production Company, LLC

OPERATOR'S WELL #:	FRANZ THOMAN OHI
API WELL #:	47 069 00312
	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 QUADRANGLE: TILTONVILLE, 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)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6125' TVD 25513' 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: 09-03-2024
● PROPOSED SURFACE HOLE / BOTTOM HOLE		API NO: 47-069-XXXX
☼ EXISTING / PRODUCING WELLHEAD	--- NATURAL WATERWAY	DRAWN BY: Z. WOOD
LPL LANDING POINT LOCATION	--- SURVEYED BOUNDARY	SCALE: 1" = 2000'
⊙ EXISTING WATER WELL	== LEASE BOUNDARY	DRAWING NO: 2018-781
⊕ EXISTING SPRING	--- PROPOSED PATH	WELL LOCATION PLAT
	--- PUBLIC ROAD	

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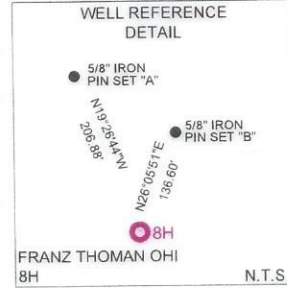


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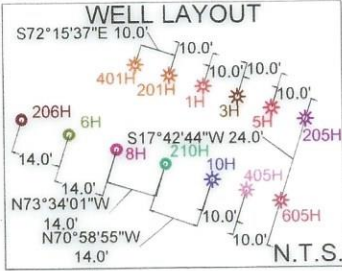
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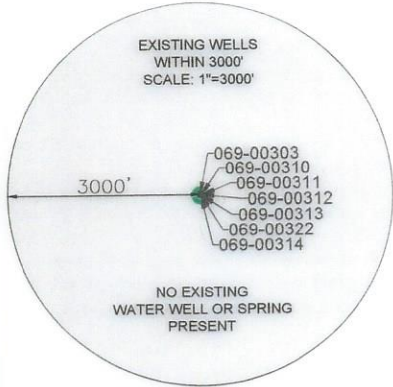
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GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT



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P.E. 19809 *Joseph J. Hunt*

COMPANY: **SWN** Production Company, LLC
SWN 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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)

FRANZ THOMAN OHI
OPERATOR'S WELL #: 8H
API WELL #: **47** STATE **069** COUNTY **00312** 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) **11/01/2024**

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6125' TVD 25513' 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: ● PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL LANDING POINT LOCATION W EXISTING WATER WELL S EXISTING SPRING — NATURAL WATERWAY — SURVEYED BOUNDARY == LEASE BOUNDARY — PROPOSED PATH — PUBLIC ROAD	REVISIONS:	DATE: 09-03-2024 API NO: 47-069-XXXX DRAWN BY: Z. WOOD SCALE: 1" = 2000' DRAWING NO: 2018-781 WELL LOCATION PLAT
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ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
DO	BECKER CORY M & OLIVIA A	4-R14R-2
DP	FIGARETTI MARIO ET AL	4-R14R-3
DQ	WALLACE WILLIAM H	4-R14R-4
DR	POLUS JODY M & ALEXANDRIA M	4-R14R-5
DS	POLUS JODY M & ALEXANDRIA M	4-R14R-6
DT	DIGIANDOMENICO RYAN J & DIGIANDOMENICO KRISTEN LEE	4-R14R-6.1
DU	DIGIANDOMENICO RYAN J & DIGIANDOMENICO KRISTEN LEE	4-R14R-7
DV	NEWMAN LEWIS S V & C L	4-R14R-8
DW	ALBERTINI BERNARD F & C A	4-R14R-9
DX	FITZPATRICK ALAN H & ROSE BETTY C	4-R14R-10
DY	PORCH CHARLES	4-R14R-11
DZ	SHULTZ MICHAEL A	4-R14R-12
EA	BELLI DINO P & MEGAN R	4-R14R-13.1
EB	BELLI DINO P & MEGAN R	4-R14R-13
EC	BELLI DINO P & MEGAN R	4-R14R-14
ED	PLEVA THOMAS M & BARBARA J	4-R14R-15
EE	SEIVERTSON DAVID J & TRACIE L	4-R14R-16
EF	GRIFFITH NORMA V	4-R14M-12
EG	GRIFFITH N V & J E	4-R14M-11
EH	GRIFFITH DOROTHY V	4-R14M-10
EI	FORTUNA ALEX C JR	4-R14M-9
EJ	FORTUNA ALEX C JR	4-R14M-4
EK	FORTUNA ALEX C JR	4-R14M-4
EL	GRIFFITH DOROTHY V	4-R14M-2
EM	GRIFFITH VINCENT A & RITA L	4-R14M-2.9
EN	GRIFFITH RITA L & VINCENT A JR, TRUSTEE	4-R14M-2.10
EO	GRIFFITH DOROTHY V	4-R14M-2.6
EP	GRIFFITH DOROTHY V	4-R14M-2.3
EQ	KOLAS LINDA L ET AL	4-R14M-1
ER	GRIFFITH DOROTHY V	4-R14M-2.8
ES	GANGA PRABHAKAR & KEKA	4-R14H-36
ET	BERARDINELLI JON L & STEPHANIE	4-R14H-38
EU	KELLY JAMES & CAROLINE	4-R14H-7
EV	KELLY JAMES & CAROLINE	4-R14H-6.1
EW	COSTANZO KATHLEEN A - TOD	4-R14H-6.2
EX	COSTANZO KATHLEEN A - TOD	4-R14H-6
EY	TORISEVA TERESA C & JOSHUA D MILLER	4-R14H-5
EZ	MYNDRSKU SILVIA & MARTIN JOHN	4-R14H-4
FA	AULICK NEAL F II & GINGER G	4-R14H-11
FB	ANDREAS THOMAS G & K S (TOD)	4-R14H-10
FC	LONGO LOUIS	4-R14H-9
FD	EDGMON JEREMY J AND KARI C	4-R14H-18
FE	GEYER ANTOINETTE C	4-R14H-30
FF	KOVALESKY RAY AND LESLIE	10-W14H-29
FG	KOVALESKY RAY AND LESLIE	10-W14H-2
FH	KOVALESKY RAY AND LESLIE	10-W14H-3
FI	CHMEL ELISA A & DEAN T	10-W14H-4
FJ	CHMEL ELISA A & DEAN T	10-W14H-1.3
FK	MCCOMBS DAVID BRADLEY	10-W14H-5
FL	DEGUZMAN CRISTINA L	4-R14-35
FM	HUGHES MARY ELIZABETH	4-R14-36
FN	WHEELING PARK COMMISSION	4-R14-15.1
FO	WHEELING PARK COMMISSION	4-R14-15.2
FP	CITY OF WHEELING	4-R14-15
FQ	PARKS SYSTEM TRUST FUND OF WHEELING	4-R11-21.3
FR	WHEELING PARK COMMISSION	4-R14-91
FS	WHEELING PARK COMMISSION	4-R11-21.4
FT	WHEELING PARK COMMISSION	4-R11-20.1
FU	SISTERS OF ST JOSEPH OF WHG	4-R11-20
FV	SISTERS OF ST JOSEPH OF WHG	4-R11-21
FW	KEEFER FRANK JAY - TOD	4-R11-21.28
FX	KEEFER F JAY	4-R11L-39
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

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
GG	CAMPBELL WM P & SUZANNE	4-R11L-12
GH	MOORE CHERYL IRENE ET AL	4-R11G-19
GI	FULOP JOZSEF A & C L	4-R11G-18
GJ	COWAN JACQUELYN J	4-R11G-17.1
GK	DOYLE LYNETTE - TOD	4-R11G-17
GL	REINEKE JAMES H & D L	4-R11G-27.1
GM	CUNNINGHAM ERIN L & MICHAEL A	4-R11G-31.1
GN	CUNNINGHAM ERIN L & MICHAEL A	4-R11G-31
GO	GREENE MICHAEL J	4-R11G-32
GP	CUNNINGHAM ERIN L & MICHAEL A	4-R11G-32.1
GQ	MILLER OLIVIA M	4-R11G-27
GR	SCHRAMM ALEXANDER M & ALESHIA M SCHRAMM	4-R11-16.18
GS	KLOS MARIE A	4-R11-16
GT	PROTESTANT EPISCOPAL CHURCH DIOCESE OF WV TRUSTEES	4-R11-16.1
GU	PROTESTANT EPISCOPAL CHURCH DIOCESE OF WV TRUSTEES	4-R11-16.2
GV	LAWRENCEFIELD CHAPEL TRUSTEES	4-R11-16.8
GW	MOLNAR KRISTINE N	4-R11-16.4
GX	MOLNAR KRISTINE N	4-R11-13.1
GY	MOLNAR KRISTINE N	4-R11-13.4
GZ	NEUMANN KURT ROBERT	4-R11-13
HA	TUNNEL RIDGE LLC	4-R8-62.4
HB	TUNNEL RIDGE LLC	4-R8P-14
HC	WEAVER SHIRLEY M	4-R8P-2
HD	TUNNEL RIDGE LLC	4-R8P-16
HE	CRAFT JOSEPH W III FOUNDATION	4-R8-51
HF	MCGEE JOHN M	4-R8P-17
HG	GAYDA DONALD P	4-R8P-18
HH	BOND CHARLES R	4-R8K-110
HI	SCHWERTFEGER TYLER S	4-R8K-111
HJ	SCHWERTFEGER TYLER S	4-R8K-112
HK	REED ELMER & JOY	4-R8K-105
HL	BOZENSKA B H AND OKELLEY K J	4-R8K-104
HM	WILSON RAY B & ANN M	4-R8-62.7
HN	MILLARD BRITTANY LYNN	4-R8-62.6
HO	MULDREW DAVID R & KAREN	4-R8K-101
HP	TAYLOR DELORA L - TOD	4-R8K-100
HQ	MAJEWSKI KASMIR & MAJEWSKI EDWARD A	4-R8-62.2
HR	MAJEWSKI KASMIR & MAJEWSKI EDWARD A	4-R8-62.8
HS	WRIGHT TAMMY L	4-R11G-30
HT	SCHNEIDER CAROLYN JAN	4-R11G-30.1
HU	SOBRAY J TRUST; SOBRAY JANICE C TRUSTEE	4-R11G-34
HV	PEKLINSKY JAMES S & MONICA J	4-R11G-35.1
HW	MICHAELS DIANA J	4-R11G-35
HX	LAWSON JOYCE A - TOD	4-R11G-21.1
HY	SHACKELFORD JEFFREY D & JODI A	4-R11G-36
HZ	SCHMITT JEAN M	4-R14-31.2
IA	SCHMITT JEAN M	4-R14-33.2
IB	SCHMITT LUKE T & NICOLE K	4-R14-33.4
IC	SCHMITT LUKE T & NICOLE K	4-R14-33.3
ID	ZAMBITO RICARDO D & CHERYL A	4-R14-33.1
IE	ZAMBITO RICARDO D & C A	10-W14H-18
IF	LESHUK GARY M & L B	10-W14H-17
IG	OLSAVSKY JOHN F AND JUDITH A	10-W14H-16
IH	MCCULLOUGH SAMUEL M & M	10-W14H-15
II	TUNNEY WILLIAM P	10-W14H-14
IJ	O'TOOLE WILLIAM A & ELEANOR F	10-W14H-13
IK	WHYTE LINDA A	10-W14H-27
IL	KYLE KELSEY A	10-W14H-28
IM	OCONNELL LESLIE	10-W14H-26
IN	DWYER SHELLEY A & VINCENT J JR	10-W14H-25
IO	GORDON BRUCE D	10-W14H-24
IP	DORSEY JOHN T III & L A	10-W14H-23

*HIGHLIGHTED PARCELS MAY BE IMPACTED BY DRILLING ACTIVITY

11/01/2024

REVISIONS:

COMPANY: SWN Production Company, LLC		DATE: 09-03-2024	
OPERATOR'S: FRANZ THOMAN OHI		API NO: 47-069-XXXXX	
WELL #: 47-069-00372 8H		DRAWN BY: Z. WOOD	
DISTRICT: RICHLAND	COUNTY: OHIO	STATE: WV	SCALE: N/A
		DRAWING NO: 2018-781	
		WELL LOCATION PLAT	