

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

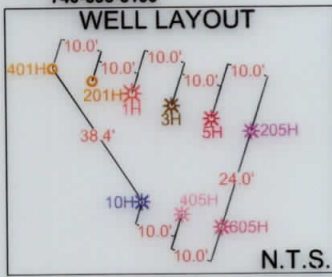
9725'

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

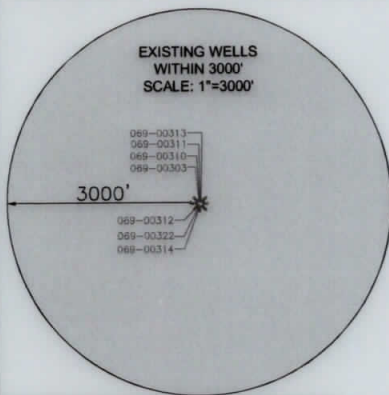
2022'



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



LINE	BEARING	DISTANCE
L1	S57°52'46"E	1138.76'
L2	S80°57'49"E	1406.58'



SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442985.85 EASTING: 528981.49
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4443241.23 EASTING: 529320.62
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448455.10 EASTING: 527774.90
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4442985.85 EASTING: 528981.49
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4443190.01 EASTING: 529333.81
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448452.46 EASTING: 527774.19

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. 2041



(+) 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 ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

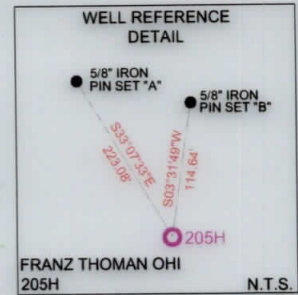
COMPANY: **SWN** Production Company, LLC **SWN** Production Company™

FRANZ THOMAN OHI
OPERATOR'S WELL #: 205H
API WELL #: 47 STATE 069 COUNTY 00313 PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW
 WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,137.3'
 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) AS-DRILLED
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,884' TVD 24,495' 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:	DATE:
○ EXISTING BOTTOM HOLE		06-03-2020
☆ EXISTING / PRODUCING WELLHEAD		API NO: 47-069-00313
LPL☆ EXISTING LANDING POINT LOCATION		DRAWN BY: R. GRIMES
○ PROPOSED SURFACE HOLE / BOTTOM HOLE		SCALE: 1" = 3000'
LPL☆ PROPOSED LANDING POINT LOCATION		DRAWING NO: 2018-781
		WELL LOCATION PLAT



NOTES ON SURVEY

- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- 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.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS OR BUILDINGS WITHIN 625 FEET OF PROPOSED CENTER OF PAD.
- NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
- NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF THE LIMITS OF DISTURBANCE.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.

SHL

BHL

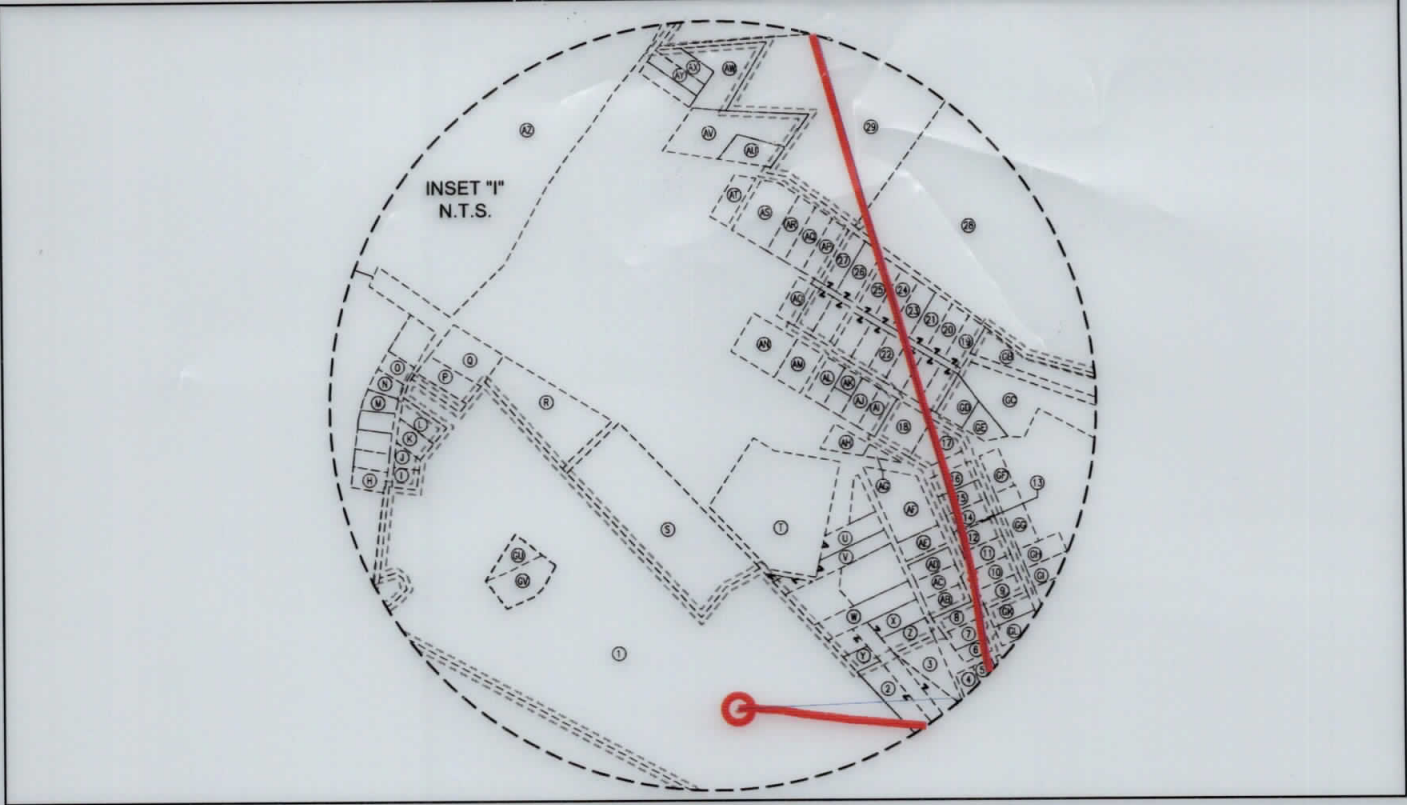


GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

8165'

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

10941'
LONGITUDE: 80°37'30" SURFACE HOLE (2000' SCALE)



WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	FRANZ THOMAN (S)/(R)	04-R8-62.0
TRACT	SURFACE OWNER	TAX PARCEL
2	RUSSELL TERAMANA & ROSEANN SMITH MELVIN (LIFE ESTATE)	04-R8Q-02.0
3	RUSSELL TERAMANA & ROSEANN SMITH MELVIN (LIFE ESTATE)	04-R8Q-17.0
4	ROSEANN LEE HOOD	04-R8Q-18.0
5	ROSEANN LEE HOOD	04-R8Q-19.0
6	ROSEANN LEE HOOD	04-R8Q-25.0
7	RUSSELL TERAMANA & ROSEANN SMITH MELVIN (LIFE ESTATE)	04-R8Q-26.0
8	PAULA J. & EDWARD C. TOMASIK	04-R8Q-27.0
9	SHARON K. WOLEN	04-R8Q-41.0
10	SUZANNE MOZENA	04-R8Q-40.0
11	SUZANNE MOZENA	04-R8Q-39.0
12	DONALD W. & AMY K. ELLIOT	04-R8Q-38.0
13	DONALD W. & AMY K. ELLIOT	04-R8Q-37.1
14	JOLLY W., JR & KAREN M. WHEELER	04-R8Q-37.0
15	ELAINE ANN DANEHART	04-R8Q-36.0
16	CLEMET R. KURNER	04-R8Q-35.0
17	ARDEN J. & ROSALIE WELSH	04-R8L-38.0
18	RITA MARIE PAGENDARM	04-R8L-35.0
19	ALBERT D. & BARBARA J. ROBRECHT	04-R8L-21.0
20	ALBERT D. & BARBARA J. ROBRECHT	04-R8L-22.0
21	MICHAEL L. & PATRICIA M. ALLEN	04-R8L-23.0
22	MICHAEL L. & PATRICIA M. ALLEN	04-R8L-24.0
23	SILCO, LLC (C/O: ROBINSON RICHARD)	04-R8L-13.0
24	MICHAEL J. BOWMAN & EKATERINA BOWMAN	04-R8L-25.0
25	CHAD D. & MELISSA E. LIZON	04-R8L-26.0
26	WILLIAM S. CALVERT	04-R8L-27.0
27	WILLIAM S. CALVERT	04-R8L-28.0
28	TUNNEL RIDGE, LLC	04-R8-27.7
29	ADAM B. & STACEY L. CAMPBELL	04-R8F-03.0
30	CARRIE M. & RICHARD M. JOHNSON	04-R8-32.0
31	JOHN A. & PATRICIA A. HAGLEROAD	04-R8-31.0
32	HELGA DIDRICKSEN; DARELL E. & CYNTHIA A. ICKLER	04-R8-30.0
33	DARRELL E. & CYNTHIA A. ICKLER	04-R8-30.2
34	MARGUERITE A. COLEMAN	04-R8-30.1
35	WILLIAM F. WENDEL	04-R8-33.1
36	JOHN P. & PAMELA J. BARBALEY	04-R8-33.2
37	RICHARD, JR. & LINDA L. CAROLL	04-R8-33.0
38	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT, III FOUNDATION	04-R8-06.0
39	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT, III FOUNDATION	04-R5-43.0
40	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT, III FOUNDATION	04-R5-42.1
41	HELEN TAYLOR	04-R5-12.1
42	THERESE M. FLICK	04-R5-15.0
43	DALE A. & JENNIFER VILLANI	04-R5-16.0
44	ROBERT N. & CHARLOTTE L. CONNER	04-R5-17.0
45	TRENA A. WOLFE	04-R5-18.1
46	PATRICIA ROUSH	04-R5-18.0
47	ERVAN D. & NANCY G. TRUBIANO	04-R5-19.0
48	BRIAN W. & MELINDA K. SOWIZRAL	04-R5-20.1
49	DENNIS J. & SHEINA L. HOSKINS	04-R5-20.4
50	VELMA L. TAGGART (C/O: VELMA L. HEWITT)	04-R5-20.0

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER	TAX PARCEL
51	KIMBERLY TAGGART	04-R5-20.3
52	HAROLD & LINDA COAST	04-R5-02.9
53	JAMES M. & NANCY L. FRYE	04-R5-02.10
54	CHARLES H. FRYE & ET AL (C/O: DORIS ALTMAYER)	04-R5-06.0
55	THOMAS H. & MARGARET A. STENGER	04-R5-62.0
56	THOMAS H. & MARGARET A. STENGER	04-R2-06.0
57	MATTHEW T. BURKE	04-R2-6.13
58	SCOTT & CHRISTINA DEMTZ	04-R2-6.21
59	THOMAS H. & MARGARET A. STENGER	04-R2-06.1
60	MARY E. MIDCAP	04-R2-14.0
61	ROBERT L. & DELMAS HUFFMAN	04-R2-10.0
62	PHILLIP N. WAGNER & DENNIS D. WAGNER	04-R2-11.0
63	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	SHORT CREEK
64	ERICA HONE, VAUGHN C. HONE, JR., & JOHN PATRICK MCCONAUGHEY	03-B45D-09.0
65	ERICA HONE, VAUGHN C. HONE, JR., & JOHN PATRICK MCCONAUGHEY	03-B45D-10.0
66	DONNA L. WALKER, AMANDA BROWN, & FRED KELLER, II	03-B45D-20.0
67	FRANK BIEGA & CONNIE BIEGA	03-B45D-32.0
68	LAMBROS TSUHLARES	03-B40S-16.0

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	SANDSCREST FOUNDATION, INC	04-R11-15.0
B	TUNNEL RIDGE, LLC	04-R8-62.5
C	TUNNEL RIDGE, LLC	04-R8-62.4
D	TUNNEL RIDGE, LLC	04-R8P-14.0
E	SHIRLEY M. WEAVER	04-R8P-02.0
F	TUNNEL RIDGE, LLC	04-R8P-16.0
G	THE KATHLEEN S. CRAFT FOUNDATION & THE JOSEPH W. CRAFT, III FOUNDATION	04-R8-51.0
H	JOHN M. MCGEE	04-R8P-17.0
I	DONALD P. GAYDA	04-R8P-18.0
J	CHARLES R. BOND	04-R8K-110.0
K	TYLER S. SCHWERTFEGER	04-R8K-111.0
L	TYLER S. SCHWERTFEGER	04-R8K-112.0
M	ELMER K. REED	04-R8K-106.0
N	ELMER K. REED	04-R8K-105.0
O	BERNARD H. BOZENSKE & KIMBERLY J. BOZENSKE	04-R8K-104.0
P	RAY B. & ANN M. WILSON	04-R8-62.7
Q	ERIC DURELL & CHERYL LYNN RICHARDSON	04-R8-62.6
R	DAVID R. & K. MULDREW	04-R8K-101.0
S	DELORA L. TAYLOR	04-R8K-100.0
T	JOHN T. WRIGHT	04-R8P-11.0
U	JACQUELINE M. SUTTON	04-R8Q-10.0
V	AMY D. DAGUE	04-R8Q-11.0
W	KAREN M. WHEELER	04-R8Q-14.0
X	FRANK J. & S.R. TAROVISKY	04-R8Q-28.0
Y	PAULA J. & EDWARD C. TOMASIK	04-R8Q-03.0
Z	PAULA J. & EDWARD C. TOMASIK	04-R8Q-16.0
AA	PAULA J. & EDWARD C. TOMASIK	04-R8Q-27.0
AB	FRANK J. & S.R. TAROVISKY	04-R8Q-28.0
AC	KAREN M. WHEELER	04-R8Q-29.0
AD	ROGER L. MOORE	04-R8Q-30.1
AE	STEVEN M. GORBY	04-R8Q-31.0

09/10/2021

REVISIONS:				
COMPANY:	FRANZ THOMAN OHI		DATE: 06-03-2020	
OPERATOR'S	205H		API NO: 47-069-00313	
WELL #:	RICHLAND		DRAWN BY: R. GRIMES	
DISTRICT:	OHIO	COUNTY:	STATE:	SCALE: N/A
	WV			DRAWING NO: 2018-781
				WELL LOCATION PLAT

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
GP	CHAD MARTIN	04-R2-06.16
GQ	WILLIAM S. & LAURA J. DONOHEW	04-R2-06.8
GR	WILLIAM S. & LAURA J. DONOHEW	04-R2-06.11
GS	TODD & PATRICIA STENGER	04-R2-06.23
GT	DENNIS J. & SHEINA L. HOSKINS	04-R5-20.6
GU	KASMIR MAJEWSKI & EDWARD A. MAJEWSKI	04-R8-62.2
GV	KASMIR MAJEWSKI & EDWARD A. MAJEWSKI	04-R8-62.8

09/10/2021

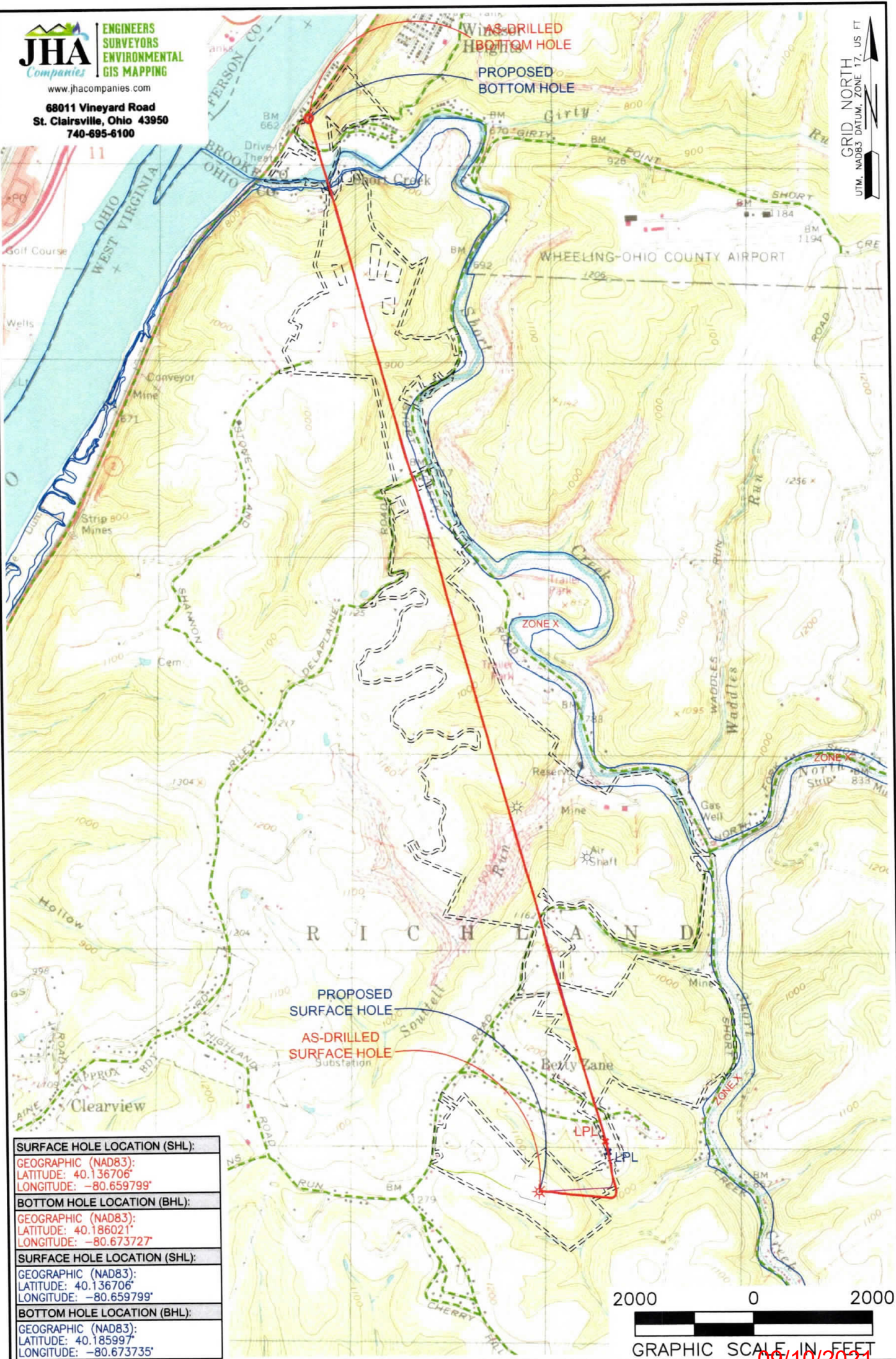
REVISIONS:

COMPANY:

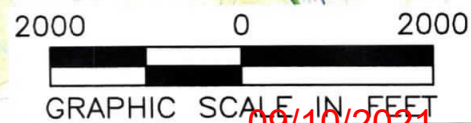
SWN
Production Company, LLC

SWN ^{R²}/_A ^{V+}®
Production Company™

OPERATOR'S	FRANZ THOMAN OHI		DATE: 06-03-2020
WELL #:	205H		API NO: 47-069-00313
DISTRICT:	COUNTY:	STATE:	DRAWN BY: R. GRIMES
RICHLAND	OHIO	WV	SCALE: N/A
			DRAWING NO: 2018-781
			WELL LOCATION PLAT



SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.136706° LONGITUDE: -80.659799°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.186021° LONGITUDE: -80.673727°
SURFACE HOLE LOCATION (SHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.136706° LONGITUDE: -80.659799°
BOTTOM HOLE LOCATION (BHL):
GEOGRAPHIC (NAD83): LATITUDE: 40.185997° LONGITUDE: -80.673735°



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.

RECEIVED
 Office of Oil and Gas
 JAN 29 2021
 WV Department of Environmental Protection

LEGEND:	EXISTING BOTTOM HOLE	ACCESS ROAD
EXISTING / PRODUCING WELLHEAD	PUBLIC ROAD	FLOOD PLAIN
EXISTING LANDING POINT LOCATION	LEASE BOUNDARY	ASDRILLED PATH
PROPOSED SURFACE HOLE / BOTTOM HOLE	ASDRILLED PATH	PROPOSED PATH
PROPOSED LANDING POINT LOCATION		

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: FRANZ THOMAN OHI	WELL # 205H	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		
		DISTRICT: RICHLAND	API # 47-069-00313