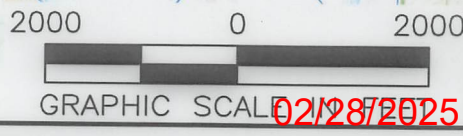


<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.215407° LONGITUDE: -80.555122°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.248684° LONGITUDE: -80.565597°
<b>SURFACE HOLE LOCATION (SHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.215407° LONGITUDE: -80.555121°
<b>BOTTOM HOLE LOCATION (BHL):</b>
GEOGRAPHIC (NAD83): LATITUDE: 40.248681° LONGITUDE: -80.565619°



**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
- ASDRILLED PATH
- PROPOSED PATH

<b>WELL OPERATOR:</b> SWN PRODUCTION COMPANY, LLC	<b>WELL (FARM) NAME:</b> WORTHLEY BRK		<b>WELL #</b> 5H	<b>SERIAL #</b> XXXX
<b>ADDRESS:</b> 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	<b>COUNTY:</b> BROOKE	<b>CODE:</b> 009	<b>DISTRICT:</b> BUFFALO	<b>API #</b> 47-009-00340
<b>SURFACE OWNER:</b> KIMBERLY CARMAN WORTHLEY	<b>USGS 7 1/2 QUADRANGLE MAP NAME:</b> BETHANY; STEUBENVILLE EAST, WV			

BHL



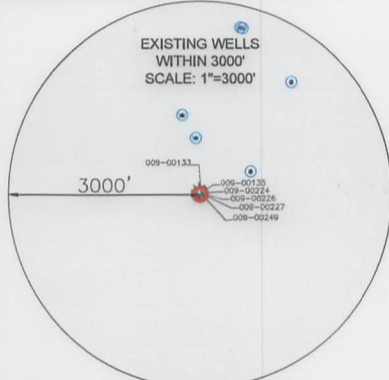
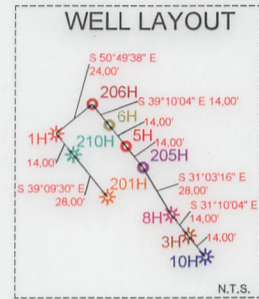
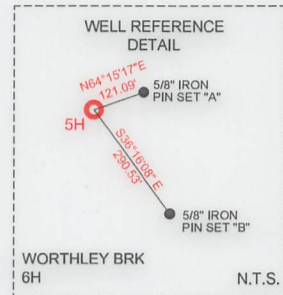
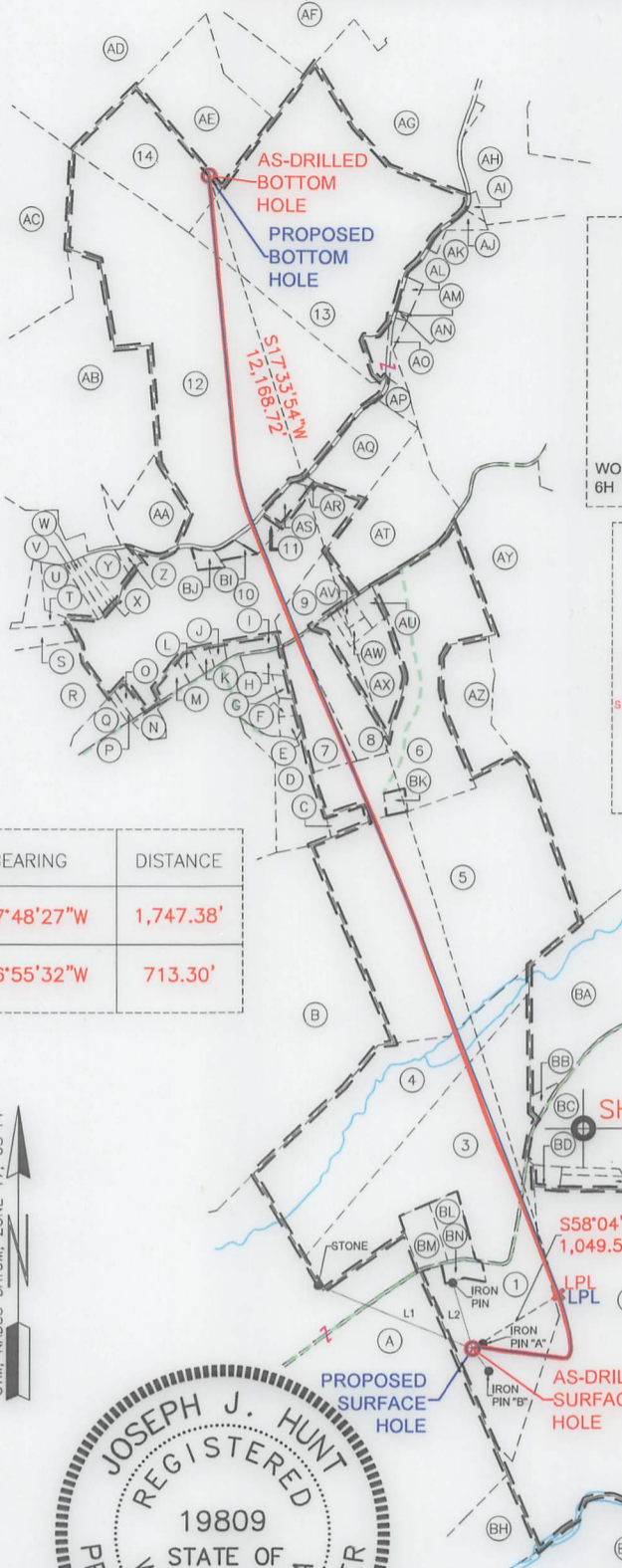
68011 Vineyard Road  
St. Clairsville, Ohio 43950  
740-695-6100

NOTES ON SURVEY

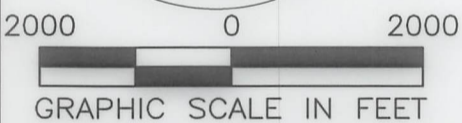
1. COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
2. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
3. THIS PLAT DOES 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.

<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4451760.64 EASTING: 537855.16
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4451934.25 EASTING: 538123.70
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4455449.76 EASTING: 536945.70
<b>SURFACE HOLE LOCATION (SHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4451760.59 EASTING: 537855.20
<b>LANDING POINT LOCATION (LPL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4451935.41 EASTING: 538127.39
<b>BOTTOM HOLE LOCATION (BHL):</b>
UTM (NAD83, ZONE 17, METERS): NORTHING: 4455449.47 EASTING: 536943.81

LINE	BEARING	DISTANCE
L1	N67°48'27"W	1,747.38'
L2	N16°55'32"W	713.30'



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



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 *Joseph J. Hunt*

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

	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	MINIMUM DEGREE OF ACCURACY: 1/200	WORTHLEY BRK		
		PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 5H	API WELL #:	47
			STATE	COUNTY	PERMIT

WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	ELEVATION: 1156.9'
WATERSHED: UPPER OHIO SOUTH	QUADRANGLE: BETHANY, WV
DISTRICT: BUFFALO COUNTY: BROOKE	ACREAGE: ±40.0
SURFACE OWNER: KIMBERLY CARMAN WORTHLEY	ACREAGE: ±40.0
OIL & GAS ROYALTY OWNER: COLONIAL CORP, A NEVADA CORP, & KIMBERLY J. CARMAN AKA KIMBERLY J. WORTHLEY, A MARRIED WOMAN DEALING IN HER SASP	
DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/>	
CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED	02/28/2025
TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 6,035' TVD 18,803' 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

<b>LEGEND:</b>	<b>REVISIONS:</b>	<b>DATE:</b> 07-18-2024
EXISTING BOTTOM HOLE	ACCESS ROAD	API NO: 47-009-00340
EXISTING / PRODUCING WELLHEAD	PUBLIC ROAD	DRAWN BY: Z. WOOD
EXISTING LANDING POINT LOCATION	FLOOD PLAIN	SCALE: 1" = 2000'
PROPOSED SURFACE HOLE / BOTTOM HOLE	LEASE BOUNDARY	DRAWING NO: 2023-1649
PROPOSED LANDING POINT LOCATION	AS-DRILLED PATH	WELL LOCATION PLAT
	PROPOSED PATH	



WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	WORTHLEY KIMBERLY CARMAN (S) COLONIAL CORP, A NEVADA CORP, & KIMBERLY J. CARMAN AKA KIMBERLY J. WORTHLEY, A MARRIED WOMAN DEALING IN HER SASP(R)	3-B38-27
TRACT	SURFACE OWNER	TAX PARCEL
2	WORTHLY KIMBERLY CARMEN; JEFFREY W HENSLER (LC)	3-B38-25
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	BETHANY PIKE
3	HENSLER JEFFREY W	3-B38-27.1
4	HENSLER JEFFREY W	3-B38-28
5	SPORTSMANS FARMERS ASSN	3-B38-17
6	SPORTSMANS & FARMERS ASSN	3-B33-100
7	HUKILL TAMARA J	3-B33-97.2
8	KOSCEVIC MICHAEL THOMAS & SHERYL ANN (SURV)	3-B33-97.3
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	MCADOO RIDGE ROAD
9	LANCASTER DELMAS O & ELFRIEDE	3-B33-95
10	YANO MICHAEL JAMES & JENNIFER LYNN (SURV)	3-B33-43
11	HENNIS FLOYD; LAROCHE LEONA; DISHER TANA	3-B33-38
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	PIERCE RUN ROAD
12	WELLS GIST LAND CO., LLC	3-B33-40
13	WELLS GIST LAND CO., LLC	3-B33-29
14	WELLS GIST LAND CO., LLC	3-B33-23

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
AS	SMITH JON T & MARLENA L	3-B33-37
AT	CULBERTSON MELVIN & DORIS	3-B33-96
AU	EDGELL SCOTT L	3-B33-99
AV	LONG BRIAN T & JACINDA D	3-B33-98
AW	LONG BRIAN T & JACINDA D (SURV)	3-B33-97.4
AX	TANNER GEORGE A; SWEET BARBARA B (SURV)	3-B33-97.1
AY	CORBIN CHARLES R JR (TOD)	3-B33-102
AZ	SPORTSMANS FARMERS ASSN	3-B33-101
BA	OWEN MARK WEAVER & KREUTZ; VIRGINIA BEALL	3-B38-19
BB	STEWART KEVIN SCOTT & LISA KAY	3-B38-20
BC	OWEN MARK WEAVER & KREUTZ; VIRGINIA BEALL	3-B38-19
BD	ELSON LANCE M	3-B38-21
BE	VANCAMP NOLTE&GLADYS AS TRUS; OF 11/4/02 VANCAMP FAMILY TR	3-B38-23
BF	OWEN MARK W 1/2 INT: KRUETZ VIRGINIA BEALL 1/2 INT:	3-B38-24
BG	BETHANY COLLEGE	3-B43-66
BH	BETHANY COLLEGE	2-B43C-127
BI	HENNIS FLOYD;LAROCHE LEONA; DISHER TANA	3-B33-39
BJ	SIDERICH EVAN JTWS	3-B33-42
BK	SPORTSMAN & FARMERS ASSN	3-B38-16
BL	HENSLER JEFFREY WILLIAM	3-B38-29
BM	BROWN CHARLES F & DONNA	3-B38-30
BN	HENSLER JEFFREY	3-B38-26

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	BETHANY COLLEGE	3-B38-31
B	FEDAK MARK A & GEORGIA M (SURV)	3-B38-14
C	SPORTSMAN & FARMERS ASSN	3-B38-15
D	HUKILL DALE C JR & DELVIRA	3-B33-85
E	HUKILL TAMARA J	3-B33-116
F	HUKILL TAMARA J	3-B33-115
G	HUKILL TAMARA J	3-B33-85.1
H	HUKILL TAMARA J	3-B33-83
I	FRANCIS JOHN R	3-B33-82.1
J	FRANCIS NADINE NKA; NADINE RICHARDS	3-B33-82
K	FRANCIS NADINE	3-B33-81
L	ADAMS RICHARD L & CINDY L	3-B33-80
M	CHILCOTE DIANA DARLENE	3-B33-79
N	BERTELLI CARRIE A	3-B33-77.4
O	YANO MICHAEL J & JENNIFER	3-B33-78
P	KOPKO KEVIN P & GERRI L (SURV)	3-B33-78.1
Q	KOPKO KEVIN P & GERRI L (SURV)	3-B33-43.1
R	PELAEZ DEBRA KAY	3-B33-71
S	PELUCLETTE FAMILY TRUST	3-B33-53
T	PELUCLETTE FAMILY TRUST	3-B33-52
U	DEGARMO CARL & SOPHIA SURV	3-B33-49
V	MCLAUGHLIN LAWRENCE II (L EST-GROVER LEE HAUGHT)	3-B33-48
W	WELLS GIST LAND CO. LLC	3-B33-47
X	WELLS GIST LAND CO., LLC	3-B33-46
Y	CROSS NICKOLAS J & AMY L (SURV)	3-B33-45
Z	SNODGRASS STEVEN	3-B33-44
AA	WELLS GIST LAND CO., LLC	3-B33-35
AB	STARVAGGI IND	3-B33-41
AC	DEGARMO PATRICK	3-B33-20
AD	SULLIVAN DONNA M	3-B33-22
AE	WELLS GIST LAND CO., LLC	3-B33-24
AF	GRAHAM PATRICIA	3-B28-43
AG	STARVAGGI IND	3-B33-25
AH	STARVAGGI INDUSTRIES INC	3-B33-26
AI	MERWICK STELLA	3-B33-27
AJ	EATON THEODORE EDWIN	3-B33-28
AK	STEWART JAMES H & PAMELA JO	3-B33-31
AL	CUNNINGHAM SHARON A	3-B33-32
AM	CUNNINGHAM SHARON A	3-B33-33.1
AN	KEARNS SHAWN	3-B33-33
AO	CUNNINGHAM SHARON	3-B33-30
AP	WELLS GIST LAND CO., LLC	3-B33-34
AQ	WELLS GIST LAND CO., LLC	3-B33-35
AR	STONE CHAPEL CHURCH	3-B33-36

02/28/2025

REVISIONS:

COMPANY:		 	
OPERATOR'S		WORTHLEY BRK	
WELL #:		5H	
DISTRICT:	COUNTY:	STATE:	DATE:
BUFFALO	BROOKE	WV	07-18-2024
		API NO: 47-009-00340	
		DRAWN BY: Z. WOOD	
		SCALE: N/A	
		DRAWING NO: 2023-1649	
		WELL LOCATION PLAT	