

LATITUDE: 40°12'30" BOTTOM HOLE

9799'

LATITUDE: 40°12'30" SURFACE HOLE 11055'



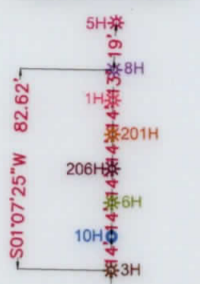
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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

NOTES ON SURVEY

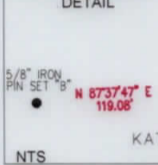
- COORDINATE SYSTEM IS UTM NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
- THIS PLAT DOES NOT 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.

WELL LAYOUT



NTS

WELL REFERENCE DETAIL



KATHY MAYHEW
BRK 206H

LINE	BEARING	DISTANCE
L1	N22°55'20"E	1919.51'
L2	N03°59'43"W	2537.53'

BROOKE COUNTY
OHIO COUNTY

SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4449164.68 EASTING: 532116.76
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448986.63 EASTING: 531713.25
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4446961.71 EASTING: 532536.53
SURFACE HOLE LOCATION (SHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4449164.68 EASTING: 532116.76
LANDING POINT LOCATION (LPL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4448966.86 EASTING: 531730.11
BOTTOM HOLE LOCATION (BHL): UTM (NAD83, ZONE 17, METERS): NORTHING: 4446960.04 EASTING: 532537.77

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



SWN Production Company, LLC **SWN** Production Company™

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	KATHY MAYHEW		
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #:	BRK 206H	
			API WELL #:	47	009 00258
				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"/>	WATERSHED: UPPER OHIO SOUTH	ELEVATION: 1,281.2'
DISTRICT: BUFFALO	COUNTY: BROOKE	QUADRANGLE: BETHANY, WV
SURFACE OWNER: KATHY LYNN & MICHAEL MAYHEW, ET AL		ACREAGE: ±84.74
OIL & GAS ROYALTY OWNER: KATHY LYNN & MICHAEL MAYHEW, ET AL		ACREAGE: ±84.74
DRILL <input checked="" 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		
TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 6,075' TVD 13,705' 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: ● 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: 01-15-2020
			DRAWN BY: R. GRIMES
			SCALE: 1" = 2000'
			DRAWING NO: 2018-341
			WELL LOCATION PLAT

LONGITUDE: -80°35'00" SURFACE HOLE

12972'

LONGITUDE: -80°35'00" BOTTOM HOLE

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS		
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	KATHY LYNN & MICHAEL MAYHEW, ET AL (S/R)	03-B42-0027.0000
TRACT	SURFACE OWNER	TAX PARCEL
2	JAY G. COLLINS & BARBARA J. COLLINS	03-B41-0080.0000
3	MARY RUTH WOOD	03-B41-0084.0000
4	DALE T. & MARY R. WOOD	03-B46-0046.0000
5	BETSY D. TUSTIN	03-B47-0002.0001
6	MARK A. WADE & MARY IVA SMITH	03-B47-0004.0000
7	MARK A. WADE & MARY IVA SMITH WADE	04-R6-0011-0000-000
8	WINDSOR COAL COMPANY	04-R6-0012-0000-000

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	LUTHER GRIZZEL	03-B42-0030.0000
B	LUTHER GRIZZEL	03-B42-0031.0000
C	LUTHER GRIZZEL	03-B42-0029.0000
D	ELIZABETH ELLEN FLUHARTY	03-B47-0018.0000
E	JAMES LAMONT	03-B47-0001.0000
F	ROBERT FINSLEY, JR.	03-B47-0001.0001
G	JOSEPH S. & JANE M. BUREK	03-B47-0019.0000
H	JOHN E. SHARIER, III	03-B47-0003.0000
I	DAVID A. & CRYSTAL G. DUNN (SURV)	03-B47-0007.0000
J	DAVID A. & CRYSTAL G. DUNN (SURV)	03-B47-0006.0000
K	JACK KLEIN & JENNIFER GEORGE (SURV)	03-B47-0008.0000
L	JODY L. & JANIE L. BRITTON (SURV)	03-B47-0009.0000
M	MANUFACTURERS LIGHT & HEAT COMPANY	03-B47-0050.0000
N	CHRISTIAN FAITH FELLOWSHIP TRUSTEES	03-B47-0004.0001
O	ROXIE MCCAULEY	03-B47-0016.0000
P	PATRICK E. & DONNA M. KING (SURV)	03-B47-0015.0000
Q	ALBERT H. POSTLEWAIT, JR. & CINDY S. POSTLEWAIT	04-R6-0018-0001-0000
R	DALE M. SAMPSON	03-L1-0002-0000-0000
S	DALE M. SAMPSON	04-R6-0013-0000-0000
T	CHARLES B. DAVIS, JR. & MADONA DAVIS	04-R6-0014-0000-0000
U	WAYNE E. SHOOK	04-R6-0015-0000-0000
V	SHORT CREEK COAL CO	04-R6-0017-0003-0000
W	GARY WAYNE HERCULES	04-R6-0016-0000-0000
X	MARTHA HERCULES	04-R6-0007-0000-0000
Y	FLORENCE E. & JOHN M. WHITE	04-R6-0010-0000-0000
Z	TIMOTHY E. & J.M. KERNS	04-R6-0008-0001-0000
AA	MELISSA KERNS; CHRISTINA A. KERNS LE-TIMOTHY & JEANETTE KERNS	03-B46-0040.0001
AB	JEFFREY A. HORNICK	03-B47-0005.0000
AC	ERIC J. TUSTIN	03-B46-0029.0001
AD	JAMES B. & MELISSA D. GEBHARDT	03-B46-0029.0000
AE	DANNY GENE & VIRGINIA MARGARET BRITT (SURV)	03-B46-0027.0000
AF	BARRY L. & PATRICIA A. GREATHOUSE (SURV)	03-B41-0082.0000
AG	JAY GLEN COLLINS	03-B41-0080.0000
AH	ROBERT J., JR. & LINDA MILLER	03-B41-0047.0000
AI	WILLIAM & DAWNA MILLER (SURV)	03-B41-0061.0000
AJ	JOSEPH P., SR & ROBIN M. SCRIP (SURV)	03-B41-0080.0002
AK	SANDRA W. BUTLER	03-B41-0071.0000
AL	SANDRA W. BUTLER	03-B41-0078.0000
AM	JAY G. COLLINS	03-B41-0079.0000
AN	SHAWN M. SINES	03-B41-0085.0000
AO	HENRY MIKELS; BONNIE J. BURKETT (SURV)	03-B41-0086.0001
AP	JASON D. & MARY E. WHITE (SURV)	03-B41-0086.0000
AQ	ROBERT D., II & LESLIE C. HILDEBRAND (SURV)	03-B42-0063.0000
AR	FRANK G. & KELLY L. AINSCOUGH (SURV)	03-B42-0071.0000
AS	HENRY HEINZROTH	03-B42-0032.0000

REVISIONS:

COMPANY:

SWN
Production Company, LLC

SWN *R-V+0*
Production Company™

OPERATOR'S KATHY MAYHEW

DATE: 01-15-2020

WELL #: BRK 206H

DRAWN BY: R. GRIMES

DISTRICT:
BUFFALO

COUNTY:
BROOKE

STATE:
WV

SCALE: N/A

DRAWING NO: 2018-341
WELL LOCATION PLAT