

THRASHER AS-DRILLED

THE THRASHER GROUP, INC.
600 WHITE OAKS BLVD. B.H.I.
BRIDGEPORT, WV 26330
PHONE 304-624-4108

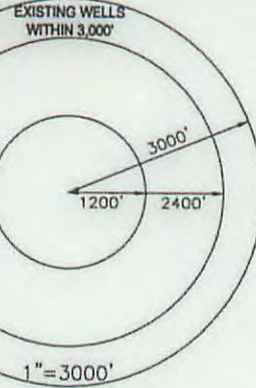
1,444' SOUTH
OF LATITUDE
40°07'30"
1,100' WEST
OF LONGITUDE
80°32'30"



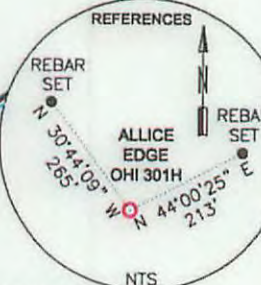
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES	LEASE NO.
1	ALICE MAE EDGE	3-L11-23	103.0	1-292590-000
2	LYNN & YVONNE REUSSER	3-L11-21	70.90	47-000579-000
3	LYNN & YVONNE REUSSER	3-L11-20	103.84	47-000579-000
4	MICHAEL & MELISSA JEAN VARGO	3-L11-10	134.94	1-324194-000
5	ASSEMBLY OF GOD TRUSTEES	3-L11-10.2	0.154	
6	ASSEMBLY OF GOD TRUSTEES	3-L11-12	0.089	
7	RICHARD J & KRISTEN L LUCAS	3-L11-11	32.14	1-384440-000
8	DAVID J MILLER	3-L11-8	28.89	1-205403-000
9	HOWARD G & DORA E TAYLOR	3-L11E-21	39.15	47-000079-000
10	LINNILLE R TAGGART, FAYE J TAGGART LIFE	3-L10-41	93.86	47-0000193-000
11	FAYE J TAGGART LIFE & CHRISTINE J KIM	3-L11-3	55.00	47-0000193-000
12	JOSEPH A & DIANNA C DOUGLAS	3-L7-48.1	12.02	47-0000014-000
13	JOHN L & JOAN MARIE SMITH	3-L7-48	120.58	1-385509-000

NOTES ON SURVEY

- COORDINATES 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 FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED OF CENTER OF PAD.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL.
- 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 LIMITS OF DISTURBANCE.



REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS

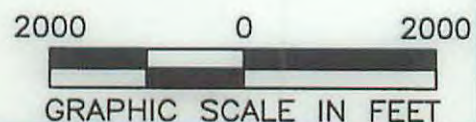


GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

AS-DRILLED
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,438,926.190
EASTING: 537,473.681
AS-DRILLED
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,438,576.609
EASTING: 536,625.615
AS-DRILLED
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,441,280.489
EASTING: 535,695.172

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. 2270 *M. S. Wolf* 1/21/16



(+) 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

ALICE EDGE

OPERATOR'S WELL #: OHI 301H

API WELL #: **47 069 00183**

STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1199.4

DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: VALLEY GROVE

SURFACE OWNER: ALICE MAE EDGE ACREAGE: 103±

OIL & GAS ROYALTY OWNER: ALICE MAE EDGE ACREAGE: 804.197

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: 6,410 TVD 17,153 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: DEE SOUTHALL

ADDRESS: P.O. BOX 1300 ADDRESS: P.O. BOX 1300

CITY: JANE LEW STATE: WV ZIP CODE: 26378 CITY: JANE LEW STATE: WV ZIP CODE: 26378

LEGEND:	○ PROPOSED SURFACE HOLE / BOTTOM HOLE	--- LEASE BOUNDARY	REVISIONS:	DATE: 01-21-2016
	⊗ EXISTING / PRODUCING WELLHEAD	--- DESIGN DHP		
	⊗ ABANDONED WELL	--- AS-DRILLED DHP		DRAWN BY: E.LYTLÉ
	⊗ PLUGGED & ABANDONED WELL	--- ABANDONED PATH		SCALE: 1" = 2000'
	△ CUT CONDUCTOR			DRAWING NO: 030-2725
				WELL LOCATION PLAT