

# THRASHER

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

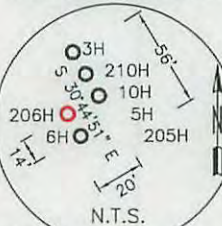
AS-DRILLED SURFACE HOLE LOCATION (SHL):  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,438,937.148  
EASTING: 537,467.150

AS-DRILLED BOTTOM HOLE LOCATION (BHL):  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,436,543.832  
EASTING: 537,927.310

AS-DRILLED LANDING POINT LOCATION (LPL):  
UTM (NAD83, ZONE 17, METERS):  
NORTHING: 4,438,575.700  
EASTING: 537,084.375

KIGER JULIA (LIFE ESTATE)  
03-L11-25

REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS

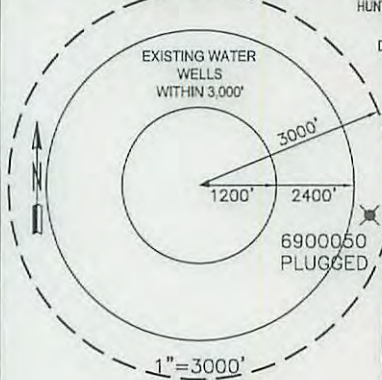


GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT

- 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 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.

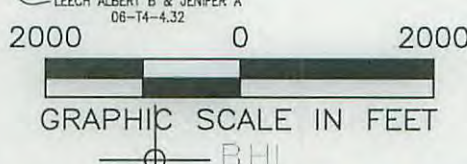
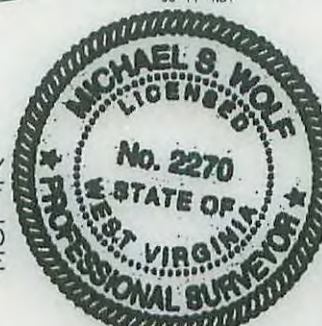


TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES	LEASE NO.
1	ALICE MAE EDGE	03-L11-23	103.0	1-292590-000
2	LYNN AND YVONNE REUSSER	03-L11-21	70.908	47-000579-000
3	LYNN AND YVONNE REUSSER	03-L11-20	103.8	47-000579-000
4	VINCENT W & BAMBI A BEVILL	08-VG7-1	2.212	47-000579-000
5	JACK L NELSON	08-VG7-5.1	1.92	1-385517-000
6	VINCENT W & BAMBI A BEVILL	08-VG7-3	0.404	47-000294-000
7	BRENDA S SHEPHERD	08-VG7-5	1.94	1-385804-000
8	JIMMY R & ANNIE J CAMPBELL	08-VG7-4	0.354	47-000674-000
9	GUY P & DEBRA S CALMBACHER	08-VG7-26	0.954	47-000272-001
10	DONALD & PEGGY LOU PLETCHER	03-L14-19.2	1.872	47-000272-001
11	DOUGLAS EDWARD FARMER	03-L14-19	17.625	47-000415-001-5
12	GEORGE A & M.E. PEYTON	08-L14-12	0.796	47-000002-000
13	JOHN & TINA M KOVACS	08-L14-11.1	2.00	47-000067-000
14	RODNEY L & CLAUDIA K MILLER	08-L14-13	15.0	1-300270-000
15	EARL F & GERALDINE PARSONS	03-L14-15	52.08	1-250025-000
16	NANCY MAE CUSTER	06-T4-5	8.812	47-001540-000
17	GLENN & M.J. RITCHEA	06-T4-9	13.506	1-325803-000



## AS-DRILLED

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 *[Signature]*

(+) 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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	COMPANY: <b>SWN</b> Production Company, LLC <b>SWN</b> Production Company™
	OPERATOR'S WELL #: ALICE EDGE OHI 206H API WELL #: 47 069 00185 STATE COUNTY PERMIT	

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

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,198  
 DISTRICT: LIBERTY COUNTY: OHIO QUADRANGLE: VALLEY GROVE  
 SURFACE OWNER: ALICE MAE EDGE ACREAGE: 103±  
 OIL & GAS ROYALTY OWNER: ALICE MAE EDGE ACREAGE: 416.164±

DRILL  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION   
 CONVERT  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) **03/04/2016**  
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,390 TVD 15,676 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

<b>LEGEND:</b> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD ⊗ ABANDONED WELL ⊗ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR	<b>REVISIONS:</b> ▲ REVISED 001 01-06-2016	DATE: 01-07-2016 DRAWN BY: KJP SCALE: 1" = 2000' DRAWING NO: 030-2725 WELL LOCATION PLAT
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