

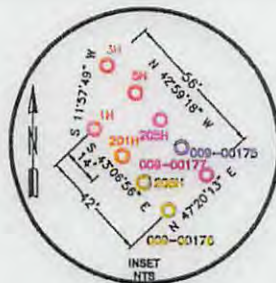
THRASHER

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

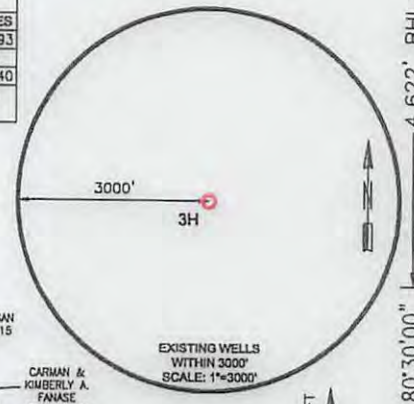
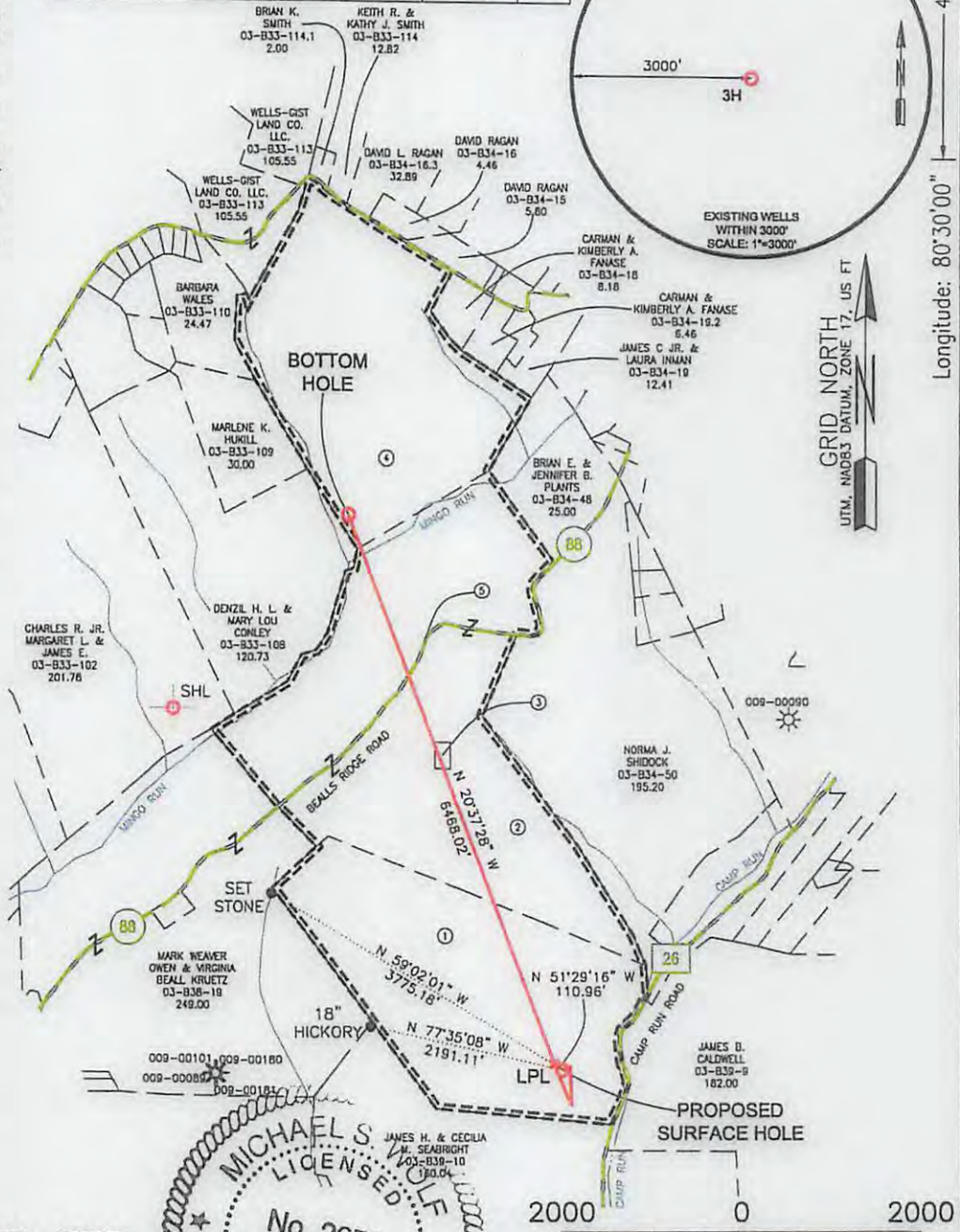
NOTES ON SURVEY

- 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.

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,452,343.220 EASTING: 539,861.512
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,452,391.656 EASTING: 539,824.644
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,454,209.384 EASTING: 539,140.628



TRACT	SURFACE OWNER / ROYALTY OWNER	TAX PARCEL	ACRES
1	(S)MARTHA MAY SEABRIGHT, LIFE ESTATE INTEREST, & JAMES H. SEABRIGHT, REMAINDER INTEREST (R)JAMES K. SEABRIGHT & MARTHA MAY SEABRIGHT, LIFE ESTATE INTEREST, & JAMES H. SEABRIGHT, REMAINDER INTEREST	03-B39-8	173.00
2	BELVEDERE FARMS LP	03-B34-49	243.93
3	MATTHEW & VIRGINIA L. PUSKARICH	03-B39-1	1.00
4	BARBARA A. WALES	03-B34-17	170.40
5	WEST VIRGINIA DEPT. OF TRANSPORTATION, DIVISION OF HIGHWAYS	BEALLS RIDGE ROAD	3.39

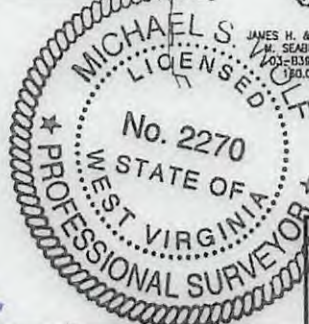


GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

Longitude: 80°30'00"
10,756' SHL

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

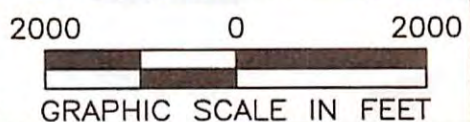
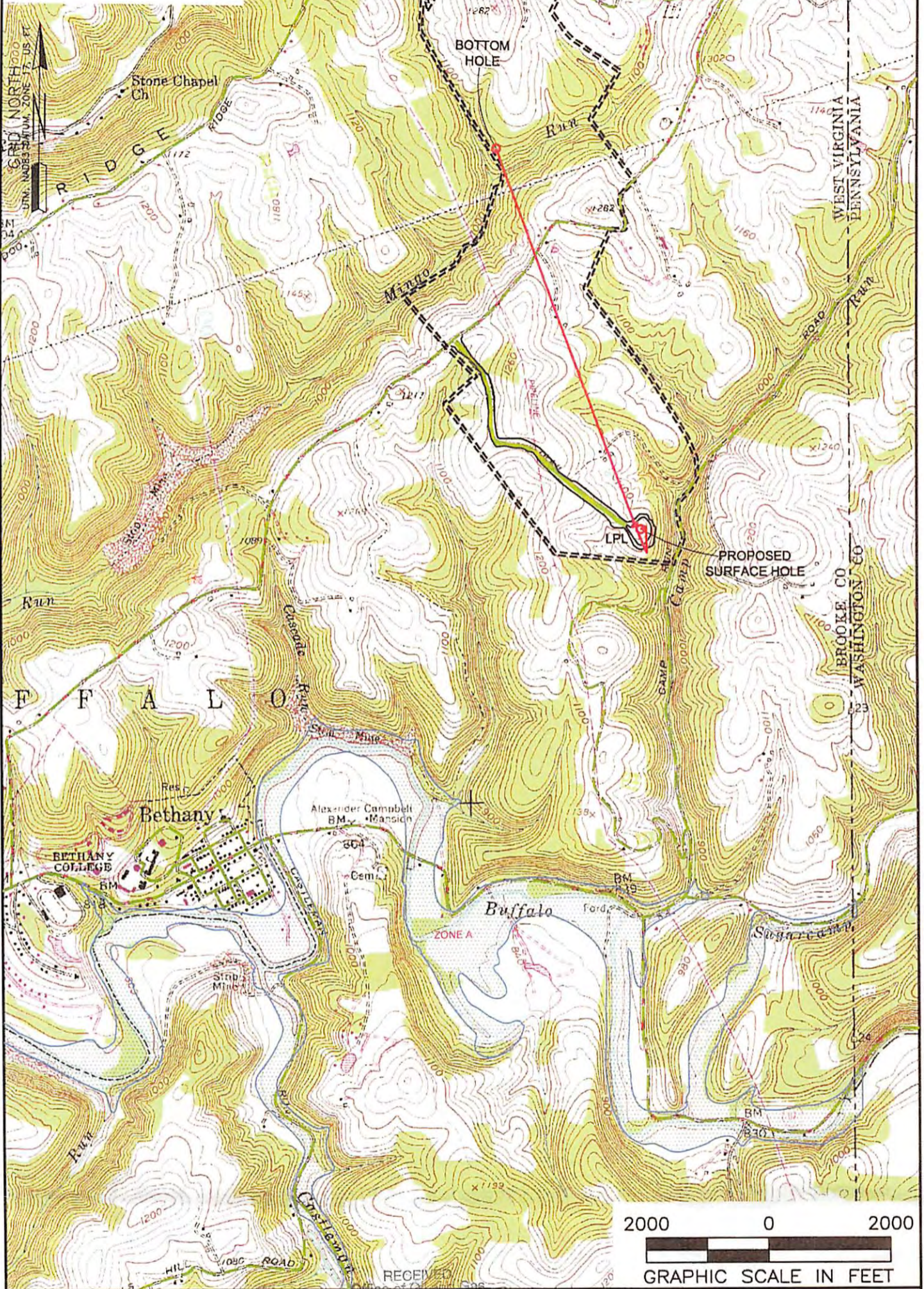


SWN COMPANY: SWN
Production Company, LLC Production Company™

<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SURVEY SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>JAMES SEABRIGHT BRK</p> <p>OPERATOR'S WELL #: 3H</p> <p>API WELL #: 47 09</p> <p>STATE COUNTY PERMIT</p>
	<p>WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS <input checked="" type="checkbox"/> LIQUID INJECTION STORAGE SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: SUGARCAMP RUN, BUFFALO CREEK ELEVATION: 1130.6'</p> <p>DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY</p> <p>SURFACE OWNER: MARTHA MAY SEABRIGHT, LIFE ESTATE INTEREST, & JAMES H. SEABRIGHT, REMAINDER INTEREST ACREAGE: ± 173.00</p> <p>OIL & GAS ROYALTY OWNER: JAMES K. SEABRIGHT & MARTHA MAY SEABRIGHT, LIFE INTEREST, & JAMES H. SEABRIGHT, REMAINDER INTEREST ACREAGE: ± 173.00</p> <p>DRILL <input checked="" type="checkbox"/> DRILL DEEPER REDRILL FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION PERFORATE NEW FORMATION</p> <p>CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,061' TVD 12,797' TMD</p>	<p>WELL OPERATOR: SWN PRODUCTION COMPANY, LLC</p> <p>ADDRESS: P.O. BOX 1300</p> <p>CITY: JANE LEW STATE: WV ZIP CODE: 26378</p>
<p>LEGEND:</p> <ul style="list-style-type: none"> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊙ EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION ⊙ EXISTING WATER WELL ⊙ EXISTING SPRING — SURVEYED BOUNDARY — DRILLING UNIT == LEASE BOUNDARY — PROPOSED PATH 	<p>REVISIONS:</p>	<p>DATE: 07-27-2017</p> <p>DRAWN BY: R. DOERR</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 030-3168</p> <p>WELL LOCATION PLAT</p>

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- 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.
 4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

10/20/2017

AUG 1 2017

WV Department of Environmental Protection

RECEIVED Office of Oil and Gas

LEGEND:

- ACCESS ROAD
- PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- PROPOSED SURFACE HOLE / BOTTOM HOLE
- EXISTING / PRODUCING WELLHEAD
- LANDING POINT LOCATION
- LEASE BOUNDARY
- PROPOSED PATH
- FLOOD PLAN

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: JAMES SEABRIGHT BRK	WELL # 3H	SERIAL # XXXX
ADDRESS: P.O. BOX 1300 JANE LEW, WV 26378	COUNTY - CODE BROOKE - 103	DISTRICT; BUFFALO	
SURFACE OWNER: JAMES K. & MARTHA MAY SEABRIGHT; LIFE INTREST & JAMES H. SEABRIGHT	USGS 7 1/2 QUADRANGLE MAP NAME BETHANY, WV		