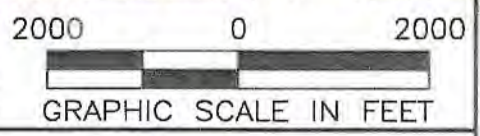
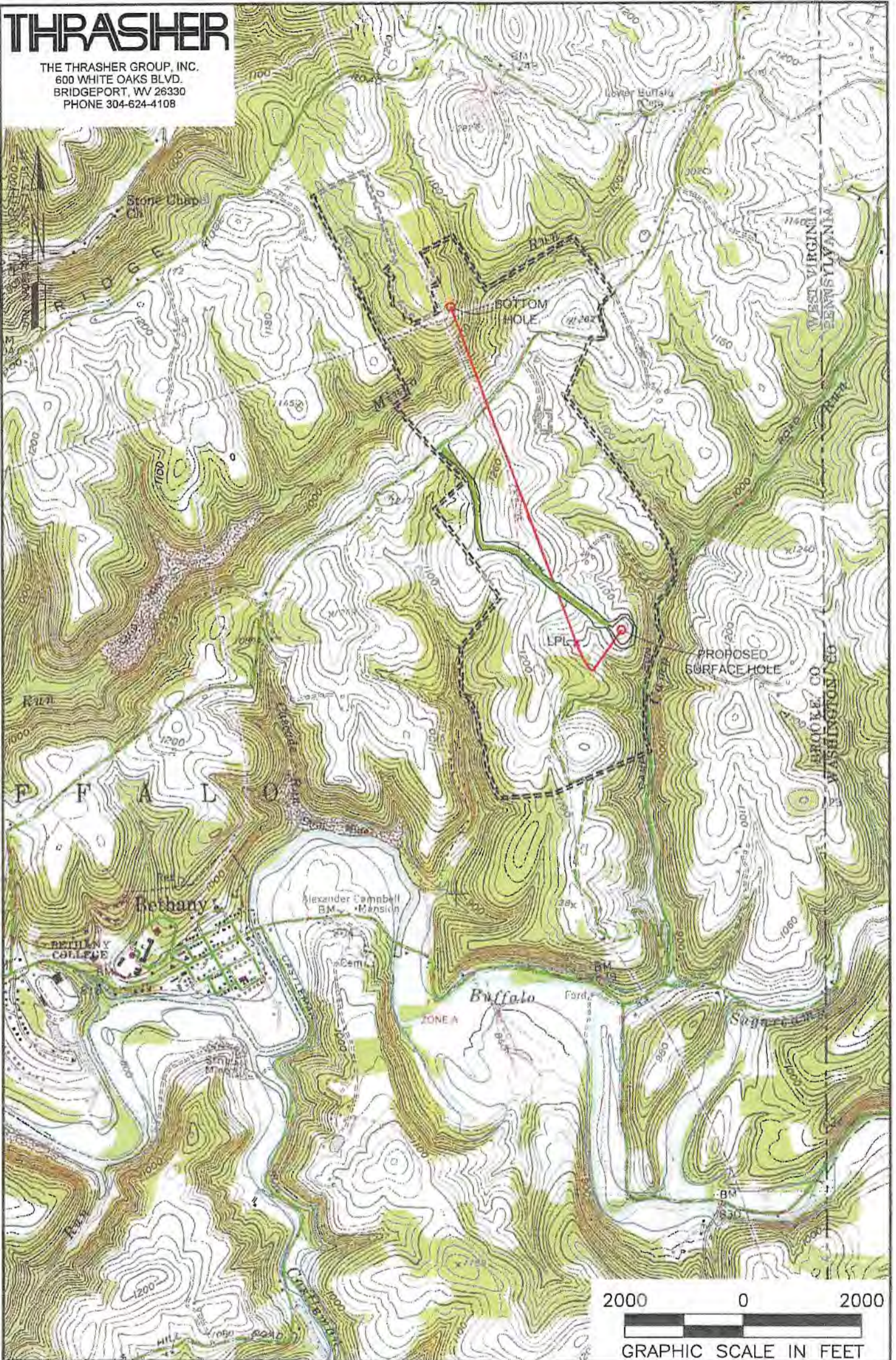


THRASHER

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



NOTES ON SURVEY		LEGEND:	
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.	
<ul style="list-style-type: none"> ● PROPOSED SURFACE HOLE / BOTTOM HOLE ★ EXISTING / PRODUCING WELLHEAD LPLX LANDING POINT LOCATION ☁ FLOOD PLAIN 	<ul style="list-style-type: none"> — ACCESS ROAD - - - PUBLIC ROAD - - - - ACCESS ROAD TO PREV. SITE - - - - LEASE BOUNDARY — PROPOSED PATH 		

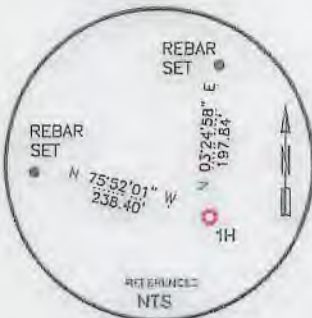
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: P.O. BOX 1300 JANE LEW, WV 26378 SURFACE OWNER: JAMES K. & MARTHA MAY SEABRIGHT; LIFE INTREST & JAMES H. SEABRIGHT	WELL (FARM) NAME: JAMES SEABRIGHT BRK COUNTY - CODE: BROOKE - 103 USGS 7 1/2 QUADRANGLE MAP NAME: BETHANY, WV	WELL # 1H SERIAL # XXXX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

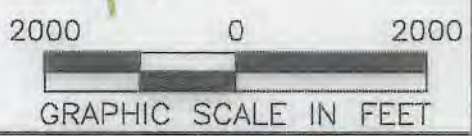
THE THRASHER GROUP, INC.
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PHONE 304-624-4108
NOTES ON SURVEY

- 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 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.

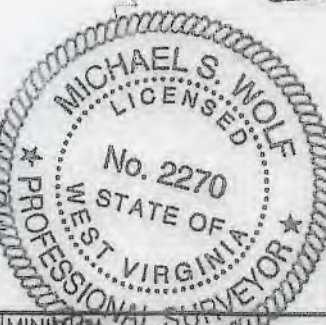
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,452,335.942
EASTING: 539,859.971
LANDING POINT (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,452,281.794
EASTING: 539,623.198
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,453,979.190
EASTING: 538,984.956



TRACT	SURFACE OWNER / ROYALTY OWNER	TAX PARCEL	ACRES
1	(S) JAMES H. SEABRIGHT (R) JAMES K. SEABRIGHT & MARTHA MAY SEABRIGHT, LIFE ESTATE INTEREST, & JAMES H. SEABRIGHT, REMAINDER INTEREST	03-B39-6	173.00
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
2	JAMES H. & CECILIA M. SEABRIGHT	03-B39-10	160.04
3	BELVEDERE FARMS, LP	03-B54-49	243.93
4	DENZIL H. L. & MARY LOU CONLEY	03-B33-108	120.73
5	WEST VIRGINIA DEPT OF TRANSPORTATION, DIVISION OF HIGHWAYS	BEALLS RIDGE ROAD	3.39



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]* 9/10/19

COMPANY: **SWN** Production Company, LLC

(+) 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 GRADE GPS
ELEVATION: (NAVD 88, US FT)

JAMES SEABRIGHT BRK
OPERATOR'S WELL #: 1H
API WELL #: 47 09 00293
STATE COUNTY PERMIT

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

WATERSHED: SUGAR CAMP RUN, BUFFALO CREEK ELEVATION: 1130.6'

DISTRICT: BUFFALO COUNTY: BROOKE QUADRANGLE: BETHANY

SURFACE OWNER: JAMES H. SEABRIGHT ACREAGE: ± 173.00

OIL & GAS ROYALTY OWNER: JAMES K. SEABRIGHT & MARTHA MAY SEABRIGHT, LIFE EST. INT, & JAMES H. SEABRIGHT, REMAINDER INT. ACREAGE: ± 173.00

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: 6,054' TVD 12,420' 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:	REVISIONS:	DATE: 09-06-2019
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— SURVEYED BOUNDARY	
⊙ EXISTING / PRODUCING WELLHEAD	— DRILLING UNIT	
LPL* LANDING POINT LOCATION	— LEASE BOUNDARY	DRAWN BY: R. DOERR
⊕ EXISTING WATER WELL	— PROPOSED PATH	SCALE: 1" = 2000'
⊙ EXISTING SPRING		DRAWING NO: 030-3168
		WELL LOCATION PLAT