

# 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.

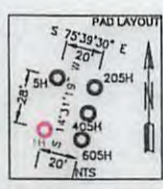
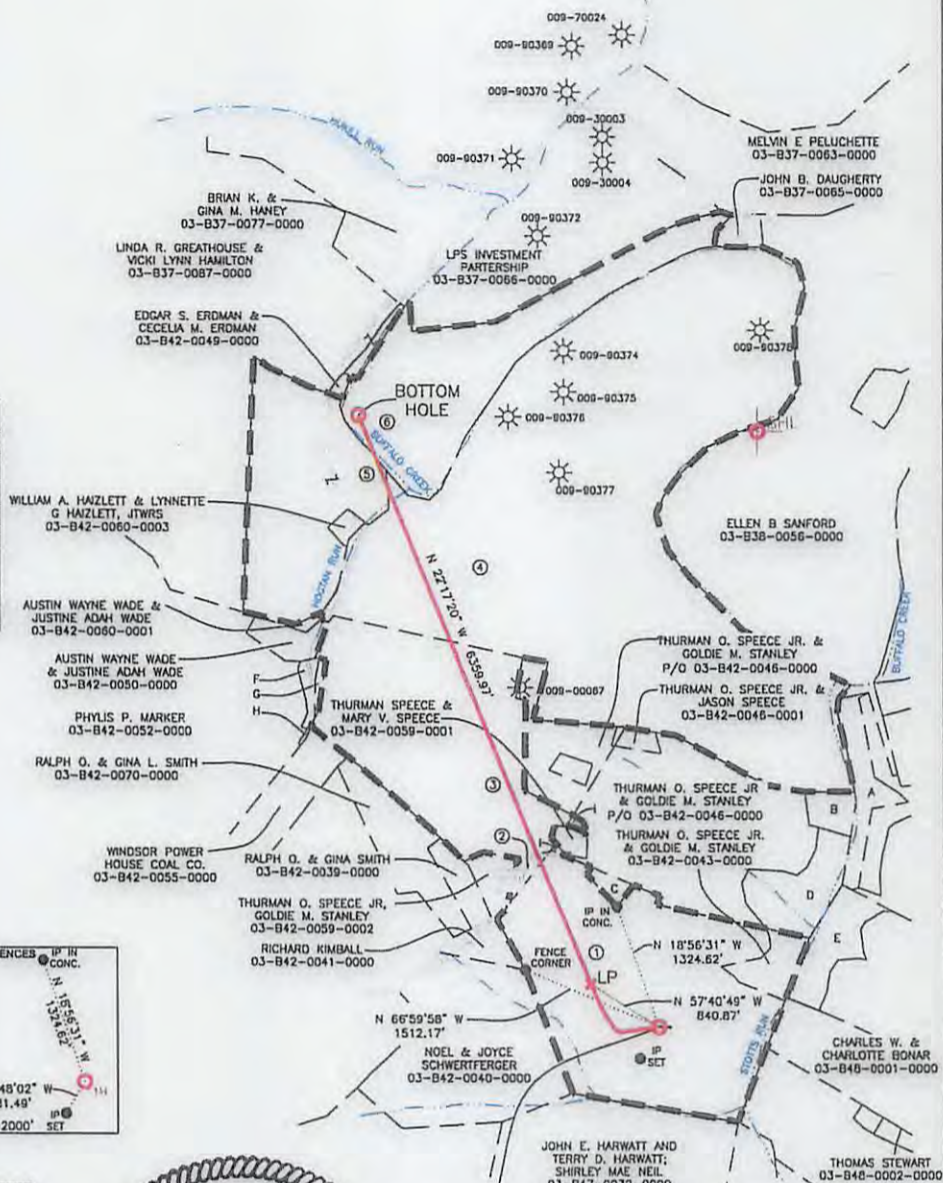
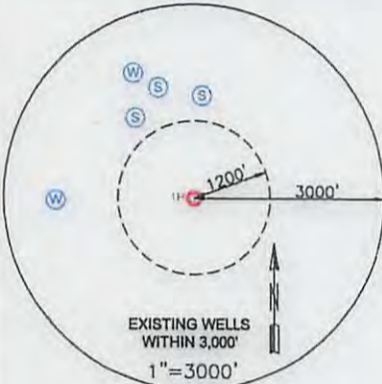
GRID NORTH  
UTM, NAD83 DATUM, ZONE 17, US FT

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	THURMAN O. SPEECE JR. & GOLDIE M. STANLEY	03-0842-0042-0000	115.23
2	THURMAN O. SPEECE JR. & GOLDIE M. STANLEY	03-0842-0039-0003	2.722
3	JEFFREY S. WARD & DANNA J. WARD	03-0842-0059-0004	97.17
4	LABELLE FARMS INC.	03-0842-0060-0000	349.88
5	JAMES HAZLETT & JO ELLEN HAZLETT	03-0842-0060-0002	65.47
6	ELLEN B. SANFORD	03-0837-0076-0000	66.00

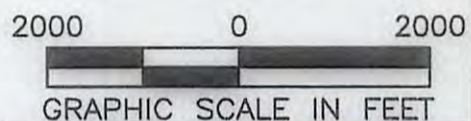
BHL 5,054'

BHL 500'

ID	ADJOINER	TAX PARCEL
A	WINDSOR POWER HOUSE COAL CO.	03-B42-0048-0000
B	THURMAN O. SPEECE JR & GOLDIE M. STANLEY	03-B42-0047-0000
C	RICHARD A. STANLEY JR	03-B42-0042-0001
D	THURMAN O. SPEECE JR & GOLDIE M. STANLEY	03-B42-0045-0000
E	THURMAN O. SPEECE JR & GOLDIE M. STANLEY	03-B42-0044-0000
F	WINDSOR POWER HOUSE COAL CO.	03-B42-0051-0000
G	THURMAN A. & MARY SPEECE, THURMAN SPEECE, DOROTHY SPEECE	03-B42-0058-0000
H	WINDSOR POWER HOUSE COAL CO.	03-B42-0056-0000
I	JEFFREY S. WARD & DANNA J. WARD	P/O 03-B42-0059-0004



THURMAN SPEECE  
BRK 1H  
SURFACE HOLE



<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,448,878.839 EASTING: 534,887.217
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,449,015.867 EASTING: 534,670.624
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,450,809.543 EASTING: 533,935.349

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 5/22/17*

(+) 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:	Swn Production Company, LLC	
THURMAN SPEECE OPERATOR'S WELL #:	BRK 1H	
API WELL #:	47	009 00194
	STATE	COUNTY PERMIT

WELL TYPE: OIL	WASTE DISPOSAL	PRODUCTION <input checked="" type="checkbox"/>	DEEP	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	STORAGE	SHALLOW <input checked="" type="checkbox"/>
WATERSHED: BUFFALO CREEK	DISTRICT: BUFFALO	COUNTY: BROOKE	SURFACE OWNER: THURMAN O. SPEECE JR & GOLDIE M. STANLEY	OIL & GAS ROYALTY OWNER: THURMAN O. SPEECE JR & GOLDIE M. STANLEY	ELEVATION: 1139.5'	QUADRANGLE: BETHANY	ACREAGE: 115.23
DRILL <input checked="" type="checkbox"/>	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD FORMATION	PERFORATE NEW FORMATION	CONVERT	PLUG & ABANDON
CLEAN OUT & REPLUG	OTHER CHANGE	(SPECIFY)	TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 5,984' TVD 12,725' TMD	06/02/2017		

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:	REVISIONS:	DATE: 03-08-2017
<ul style="list-style-type: none"> <li>PROPOSED SURFACE HOLE / BOTTOM HOLE</li> <li>EXISTING / PRODUCING WELLHEAD</li> <li>ABANDONED WELL</li> <li>PLUGGED &amp; ABANDONED WELL</li> <li>CUT CONDUCTOR</li> <li>LEASE BOUNDARY</li> <li>400' DHP BUFFER</li> <li>MARCELLUS DHP</li> <li>ABANDONED PATH</li> </ul>		DRAWN BY: R. DOERR SCALE: 1" = 2000' DRAWING NO: 030-2888 WELL LOCATION PLAT

