

Latitude: 39° 22' 30" 2,642' BHL

1,690' SHL

THRASHER

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

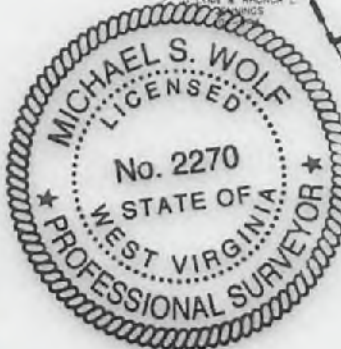
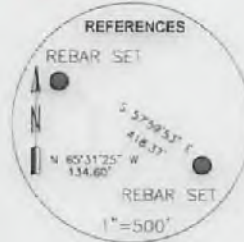
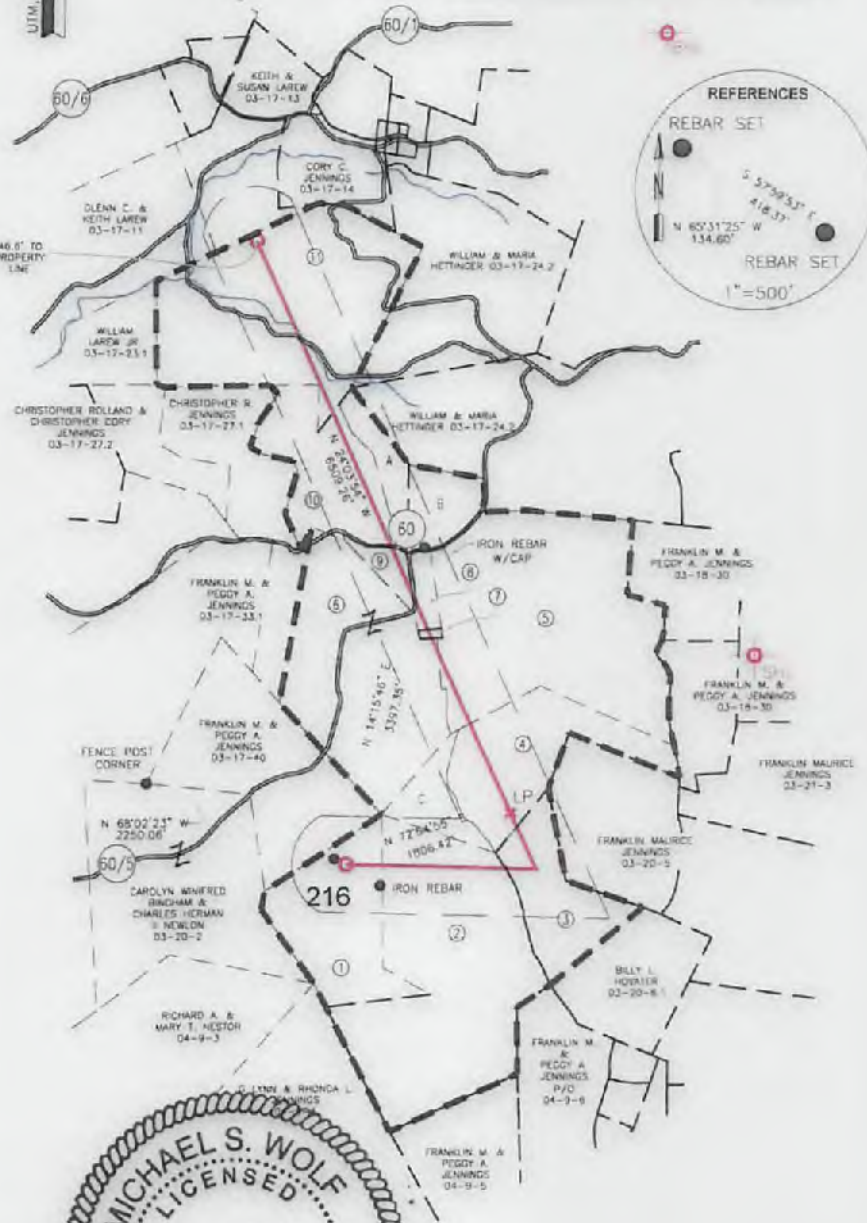
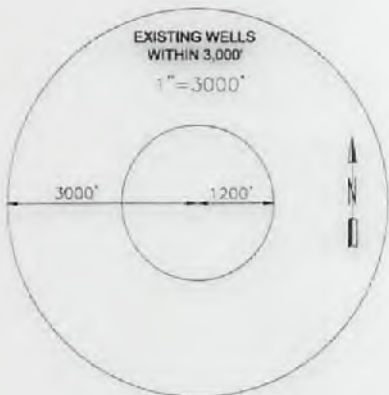
- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 625 FEET OF PROPOSED 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	FRANKLIN M. & PEGGY A. JENNINGS	P/O 04-9-6	4.1
2	FRANKLIN M. & PEGGY A. JENNINGS	03-20-3	106.75
3	BILLY L. HOVATER	03-20-4	24.27
4	FRANKLIN M. & PEGGY A. JENNINGS	03-17-41	41.75
5	DONALD VINCE	03-12-39	111.23
6	FRANKLIN M. & PEGGY A. JENNINGS	03-12-38	80.5
7	LYDIA R. & HARRY SUE DONNELL	03-17-38	4.5
8	CHRISTOPHER R. JENNINGS	03-17-37	4.5
9	CHRISTOPHER R. JENNINGS	03-17-35	16.64
10	CORY C. JENNINGS	03-12-27	32.59
11	DESCENDO LLC	03-12-23	32

TRACT	OWNER	TAX PARCEL
A	CHRISTOPHER R. JENNINGS	03-17-32-1
B	CHRISTOPHER R. JENNINGS	03-17-38
C	FRANKLIN M. & PEGGY A. JENNINGS	03-17-48

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,355,956.626 EASTING: 596,449.322
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,356,127.070 EASTING: 596,972.735
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,357,924.525 EASTING: 596,133.894



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 *MSW 6/26/17*

	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	FRANKLIN JENNINGS
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 216 API WELL #: 47 STATE 77 COUNTY 00632 PERMIT <i>WVA</i>

WELL TYPE: OIL	WASTE DISPOSAL	PRODUCTION	DEEP	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	STORAGE	SHALLOW <input checked="" type="checkbox"/>
WATERSHED: SANDY CREEK				ELEVATION: 1,725.8' (DESIGN)			
DISTRICT: LYON				QUADRANGLE: THORNTON			
SURFACE OWNER: FRANKLIN M. & PEGGY A. JENNINGS				ACREAGE: 41.00			
OIL & GAS ROYALTY OWNER: FRANKLIN M. & PEGGY A. JENNINGS				ACREAGE: 41.00			
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: 8,286 TVD 15,599 TMD			

09/22/2017

WELL OPERATOR: ARSENAL RESOURCES	DESIGNATED AGENT: WILLIAM VEIGEL
ADDRESS: 6031 WALLACE ROAD EXTENSION #300	ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200
CITY: WEXFORD STATE: PA ZIP CODE: 15090	CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330

LEGEND:	REVISIONS:	DATE: 05-16-2017
<ul style="list-style-type: none"> PROPOSED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD ABANDONED WELL PLUGGED & ABANDONED WELL CUT CONDUCTOR 	<ul style="list-style-type: none"> LEASE BOUNDARY 500' DHP BUFFER DOWN HOLE PATH DHP BUFFER 	DRAWN BY: R. DOERR SCALE: 1" = 2000' DRAWING NO: 030-3133 WELL LOCATION PLAT