

Latitude: 39°22'30"

6,627' BHL

1,725' SHL

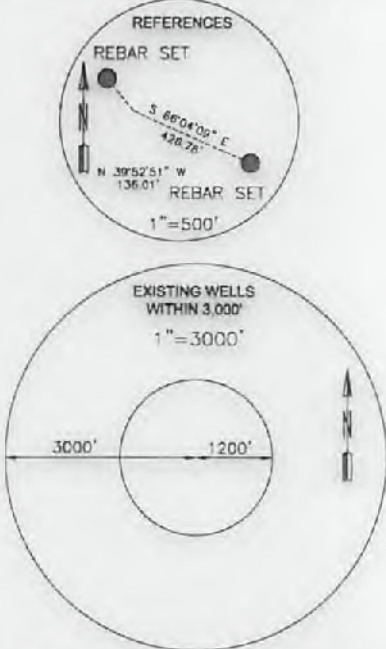
THRASHER

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

NOTES ON SURVEY

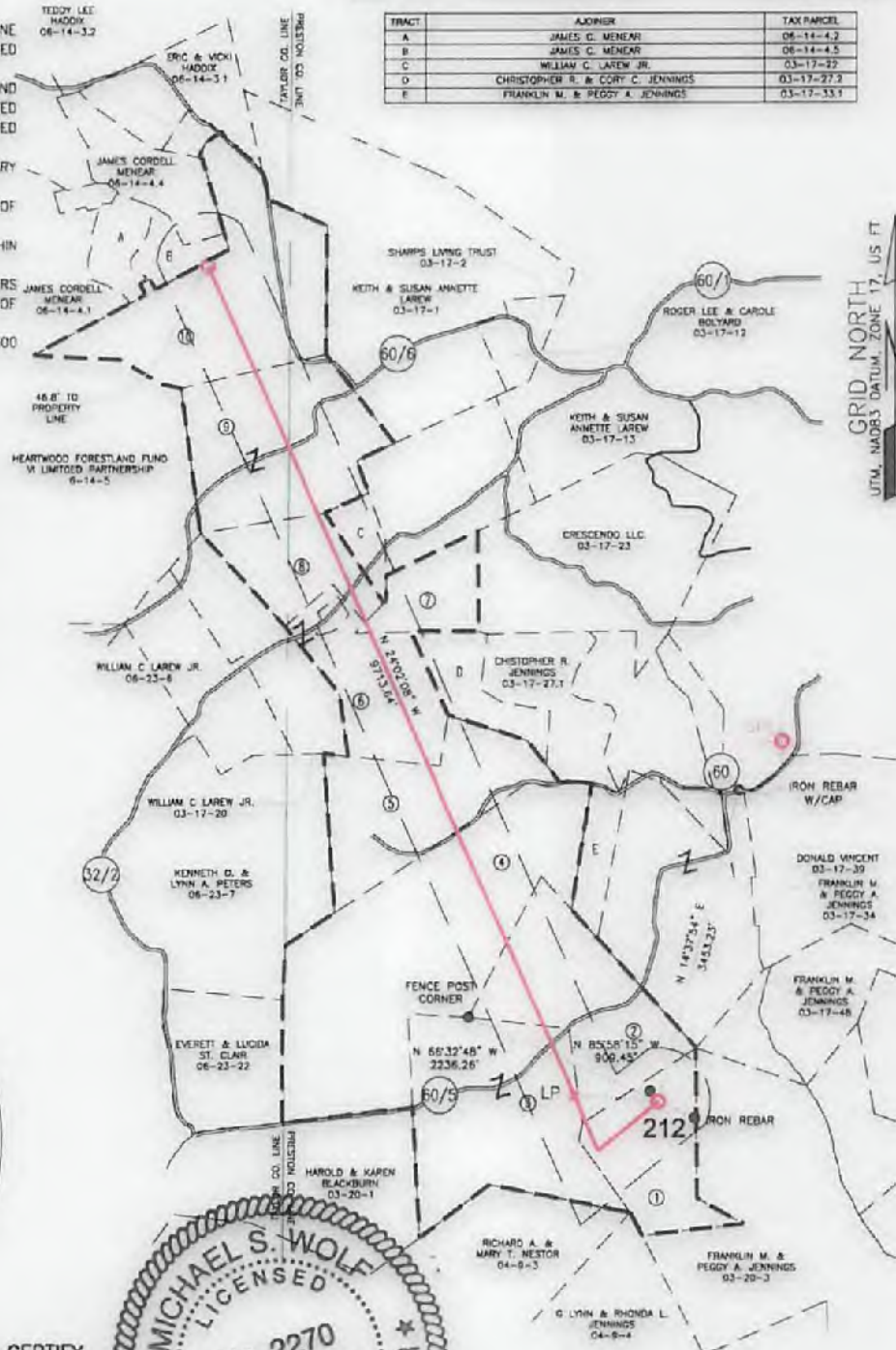
- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE OPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT 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: 4,355,941.639
EASTING: 596,438.813
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,355,956.513
EASTING: 596,162.078
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS):
NORTHING: 4,358,639.454
EASTING: 594,911.669



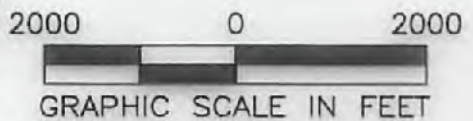
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	FRANKLIN M. & PEGGY A. JENNINGS	P/O 04-9-6	41
2	FRANKLIN M. & PEGGY A. JENNINGS	03-12-40	64.68
3	CAROLYN WINIFRED BINGHAM & CHARLES HERMAN NEWLON J	03-20-2	97
4	EVERETT & LUCIA ST. CLAIR	03-12-33	141.8
5	WILLIAM C. LAREW JR.	03-12-30	57
6	WILLIAM C. LAREW JR.	03-12-26	39.24
7	WILLIAM C. LAREW JR.	03-17-23.1	20.82
8	WILLIAM C. LAREW JR.	03-17-21	24.5
9	BLAINE A. & ELDORA JENNINGS	03-17-10	80.25
10	BLAINE A. & ELDORA JENNINGS	06-14-3	86.94

TRACT	ADJOUR	TAX PARCEL
A	JAMES C. MENEAR	06-14-4.2
B	JAMES C. MENEAR	06-14-4.5
C	WILLIAM C. LAREW JR.	03-17-22
D	CHRISTOPHER R. & CORY C. JENNINGS	03-17-27.1
E	FRANKLIN M. & PEGGY A. JENNINGS	03-17-33.1



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



<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 SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>FRANKLIN JENNINGS</p> <p>OPERATOR'S WELL #: 212</p> <p>API WELL #: 47 77 00648</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: SANDY CREEK</p> <p>DISTRICT: LYON COUNTY: PRESTON</p> <p>SURFACE OWNER: FRANKLIN M. & PEGGY A. JENNINGS</p> <p>OIL & GAS ROYALTY OWNER: FRANKLIN M. & PEGGY A. JENNINGS</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: 8,286 TVD 18,506 TMD</p>	<p>DESIGNATED AGENT: WILLIAM VEIGEL</p> <p>ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200</p> <p>CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330</p>
<p>LEGEND:</p> <ul style="list-style-type: none"> ○ PROPOSED SURFACE HOLE / BOTTOM HOLE ⊗ EXISTING / PRODUCING WELLHEAD ⊗ ABANDONED WELL ⊗ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR --- LEASE BOUNDARY --- 500' DHP BUFFER --- DOWN HOLE PATH --- DHP BUFFER 	<p>REVISIONS:</p> <p>DATE: 05-16-2017</p> <p>DRAWN BY: R. DOERR</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 030-3133</p> <p>WELL LOCATION PLAT</p>	

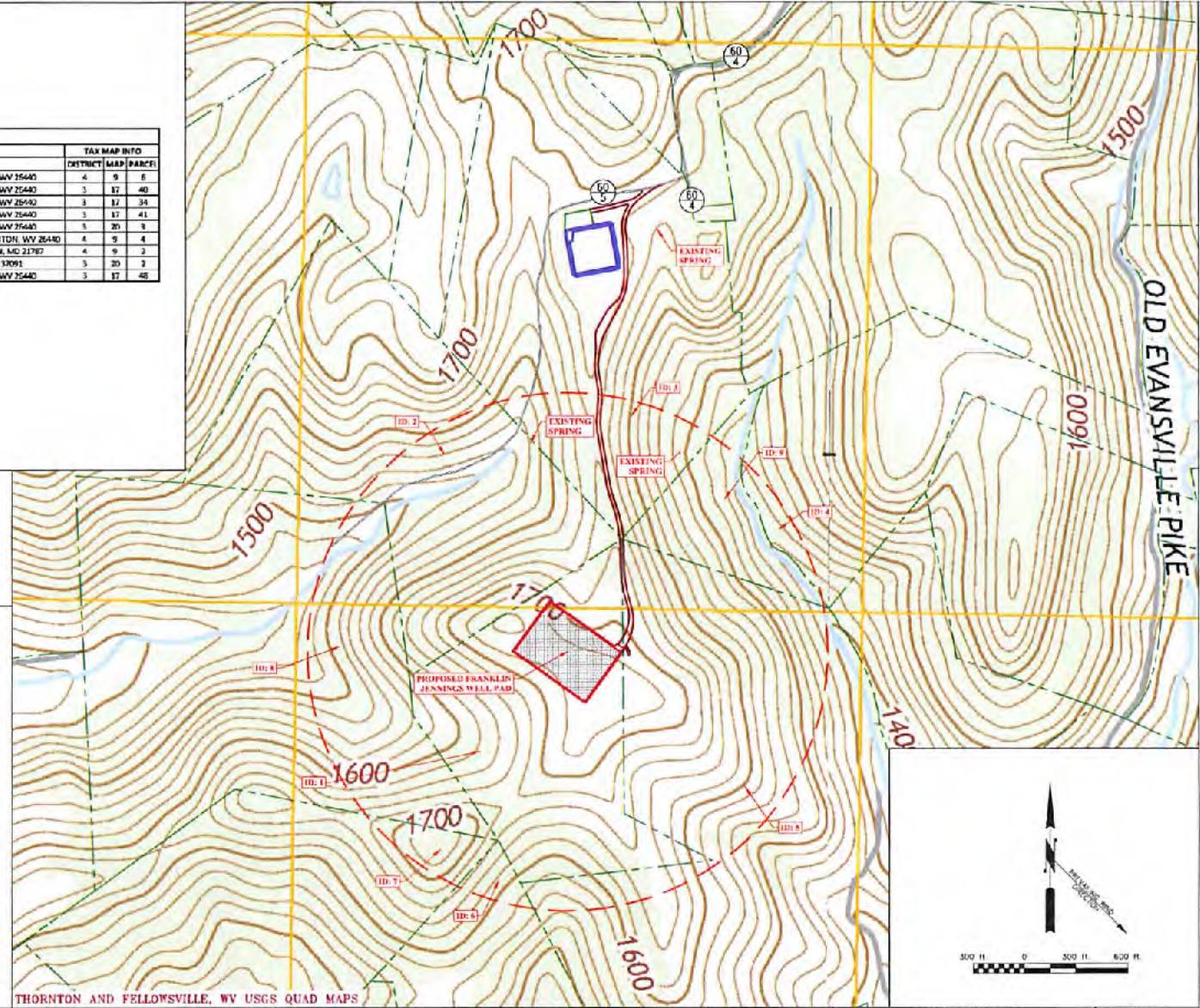
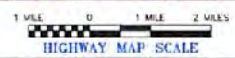
02/23/2018

047-077-00648

EXISTING PARCEL OWNER AND ADDRESS TABLE			
ID	OWNER	ADDRESS	TAX MAP INFO
			DISTRICT MAP PARCE
1	JENNINGS FRANKLIN M & PEGGY A	463 EVANSVILLE PIKE, THORNTON, WV 25440	4 9 6
2	JENNINGS FRANKLIN M & PEGGY A, JENNINGS GARETHLYNN ET AL	463 EVANSVILLE PIKE, THORNTON, WV 25440	3 17 40
3	JENNINGS FRANKLIN M & PEGGY A	463 EVANSVILLE PIKE, THORNTON, WV 25440	3 17 34
4	JENNINGS FRANKLIN MAURICE	463 EVANSVILLE PIKE, THORNTON, WV 25440	3 17 41
5	JENNINGS FRANKLIN M & PEGGY A	463 EVANSVILLE PIKE, THORNTON, WV 25440	3 20 1
6	JENNINGS GLYNN B & TERONDA L	1215 GEORGE WASHINGTON HWY, THORNTON, WV 25440	4 9 4
7	NELSON RICHARD A & MARY T	2900 KILPATRICK RD, BAYNETOWN, MD 21787	4 9 2
8	BINGHAM CAROLYN WOODRIF & NEWLON CHARLES HERMAN B	150 JOYCE AVE, LEWISBURG, TN 37091	3 20 2
9	JENNINGS FRANKLIN M & PEGGY A	463 EVANSVILLE PIKE, THORNTON, WV 25440	3 17 48

- LEGEND**
- - - 1,500-FT RADIUS FROM WELL PAD (AREAS INSIDE LIMITS WILL BE SAMPLED)
 - PROPOSED WELL PAD
 - PROPERTY LINE
 - PARCEL ID # (SEE TABLE)

PRESTON COUNTY, WV HIGHWAY MAP



THORNTON AND FELLOVSVILLE, WV USGS QUAD MAPS



ID	BY	DATE	DESCRIPTION

ARSENAL RESOURCES

SCALE	DATE
DRAWN	DATE
CHECKED	DATE
APPROVED	DATE
SURVEY DATE	
SURVEY BY	
FIELD BOOK NO.	

THRASHER

THE THRASHER GROUP, INC.
 CIVIL ENGINEERING • CONSULTING • FIELD SERVICES
 840 WHITE OAKS BOULEVARD, BROOKFIELD, WV 26405
 PHONE (204) 624-1100 • FAX (204) 624-1917

PHASE NO.	
CONTRACT NO.	
PROJECT NO.	101-030-3133

ARSENAL RESOURCES
 SITE SAFETY PLANS FOR THE
 FRANKLIN JENNINGS WELL PAD
 PRESTON COUNTY, WEST VIRGINIA
 POTENTIAL WATER SOURCES

SHEET NO.	W
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LAYOUT FILE: W:\2014\Projects\101-030-3133\Drawings\101-030-3133-01.dwg
 PLOT DATE: 11/10/2014 10:58:11 AM
 PLOT SCALE: 1"=100'