

# THRASHER

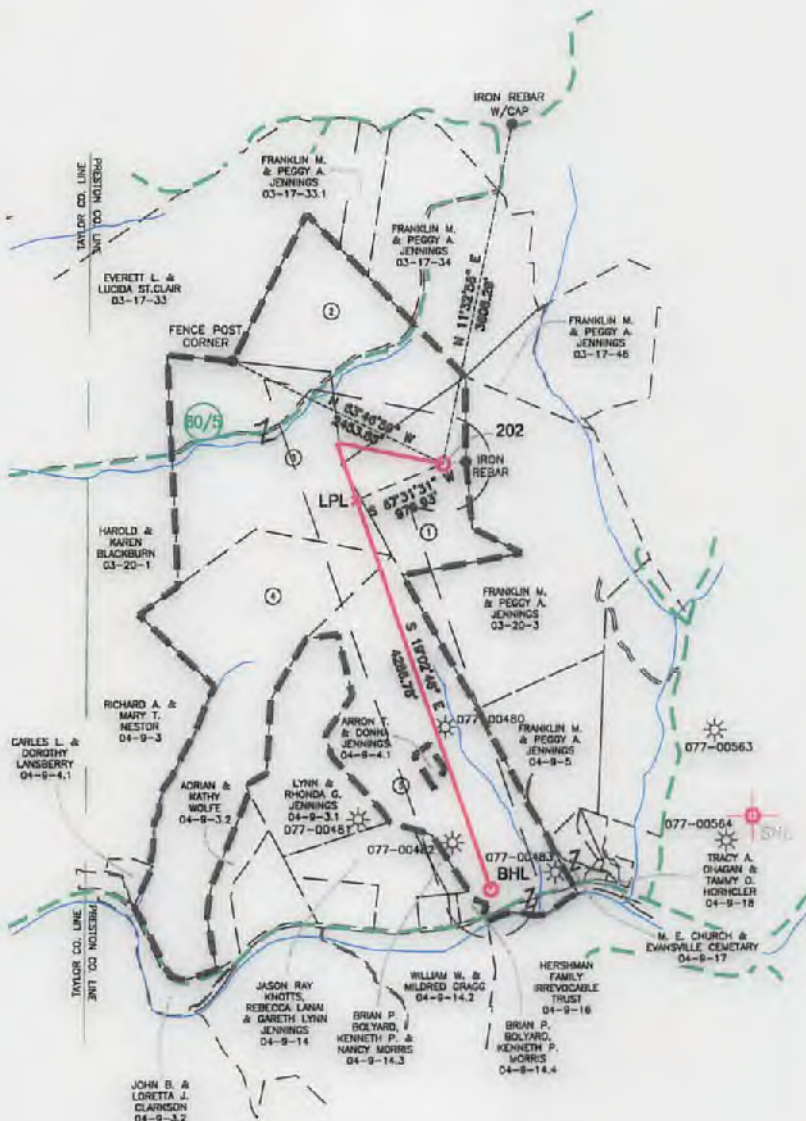
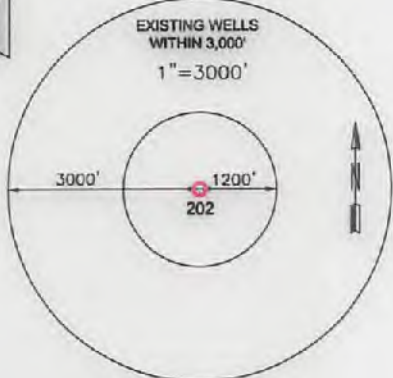
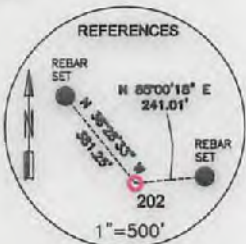
THE THRASHER GROUP, INC.  
800 WHITE OAKS BLVD.  
BRIDGEPORT, WV 26330  
PHONE 304-824-4108

### NOTES ON SURVEY

- COORDINATES SYSTEM IS STATE PLANE, NAD 83 DATUM, WV NORTH, 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.

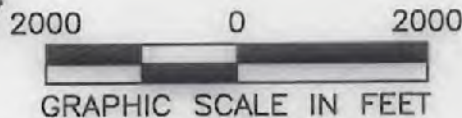
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	FRANKLIN M. & PEGGY A. JENNINGS	P/O 04-9-8	.41
2	FRANKLIN M. & PEGGY A. JENNINGS	03-17-40	84.68
3	CAROLYN WINIFRED BINGHAM & CHARLES HERMAN NEWLON II	03-20-2	87.00
4	RICHARD A. & MARY T. NESTOR	04-9-3	102.34
5	G. LYNN & RHONDA L. JENNINGS	04-9-4	106.65

GRID NORTH  
STATE PLANE, NAD83, WV NORTH, US FT



<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,355,883.260 EASTING: 596,485.499
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,355,764.500 EASTING: 596,211.500
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,354,537.006 EASTING: 596,658.253

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

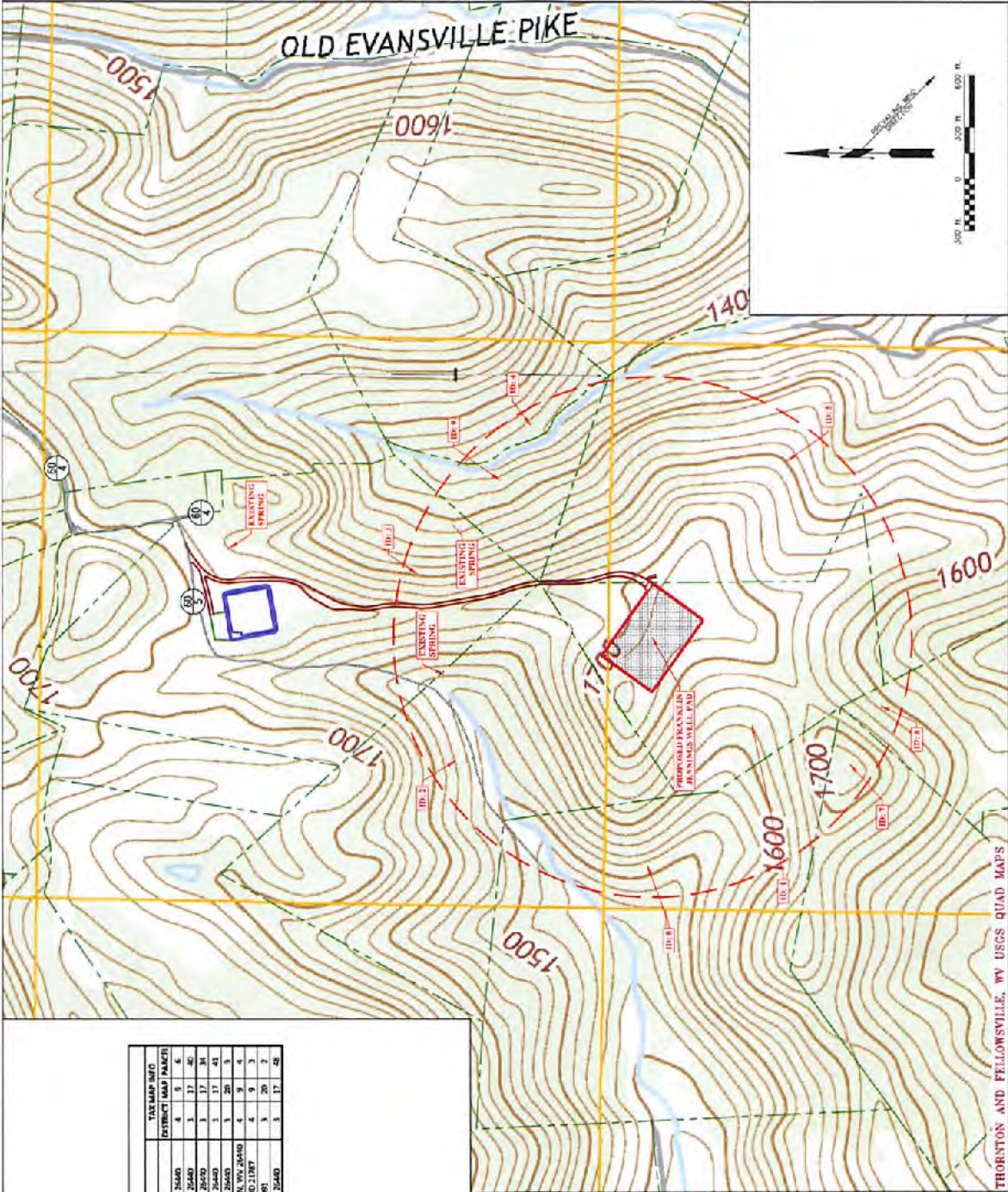
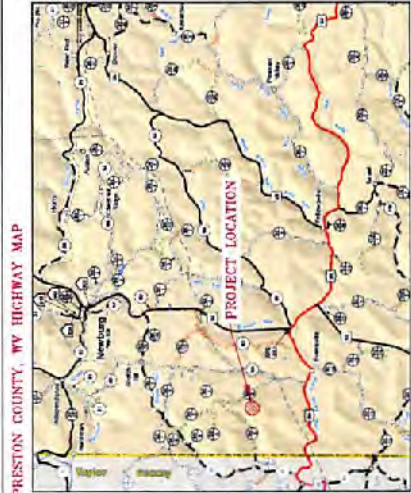
<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL &amp; GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>FRANKLIN JENNINGS</p> <p>OPERATOR'S WELL #: 202</p> <p>API WELL #: 47 77 00643</p> <p>STATE COUNTY PERMIT</p>
	<p>WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: SANDY CREEK</p> <p>DISTRICT: LYON COUNTY: PRESTON</p> <p>SURFACE OWNER: FRANKLIN M. &amp; PEGGY A. JENNINGS</p> <p>OIL &amp; GAS ROYALTY OWNER: FRANKLIN M. &amp; PEGGY A. JENNINGS</p> <p>DRILL <input checked="" type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/></p> <p>CONVERT <input type="checkbox"/> PLUG &amp; ABANDON <input type="checkbox"/> CLEAN OUT &amp; REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY)</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 8,286 TVD 13,171 TMD</p>	<p>ELEVATION: 1,725.8' (DESIGN)</p> <p>QUADRANGLE: THORNTON</p> <p>ACREAGE: 41.00</p> <p>ACREAGE: 41.00</p>
<p>WELL OPERATOR: ARSENAL RESOURCES ADDRESS: 6031 WALLACE ROAD EXTENSION #300 CITY: WEXFORD STATE: PA ZIP CODE: 15090</p>	<p>DESIGNATED AGENT: WILLIAM VEIGEL ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200 CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330</p>	<p>DATE: 10-25-2017</p> <p>DRAWN BY: R. DOERR</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 030-3133</p> <p>WELL LOCATION PLAT</p>
<p>LEGEND:</p> <ul style="list-style-type: none"> <li>PROPOSED SURFACE HOLE / BOTTOM HOLE</li> <li>EXISTING / PRODUCING WELLHEAD</li> <li>LPL LANDING POINT LOCATION</li> <li>EXISTING WATER WELL</li> <li>EXISTING SPRING</li> <li>SURVEYED BOUNDARY</li> <li>DRILLING UNIT</li> <li>LEASE BOUNDARY</li> <li>PROPOSED PATH</li> <li>500' BUFFER</li> </ul>	<p>REVISIONS:</p>	



4707700643

EXISTING PARCEL OWNER AND ADDRESS TABLE			TAX MAP INFO	
ID	OWNER	ADDRESS	EXTRACT (MAP)	PARCELS
1	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	4	5
2	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	3	17
3	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	3	17
4	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	3	17
5	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	3	17
6	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	3	17
7	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	3	17
8	JENNINGS FRANKLIN M & PEGGY A	401 EVANSVILLE PKE, THORNTON, WV 26440	3	17

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



**ARSENAL**  
P E O D U C E S

THORNTON AND FELLOWVILLE, WV USGS QUAD MAPS

SCALE: 1" = 100'

DATE: 02/23/2018

PROJECT NO: 101-030-3133

CONTRACT NO: 101-030-3133

PROJECT NO: 101-030-3133

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

W