

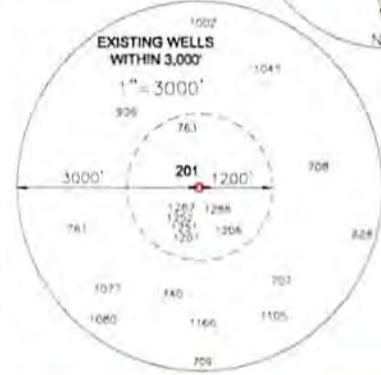
# THRASHER

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.
- EXISTING WATER ROYALTY OWNER INFORMATION AND THEIR LOCATIONS 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 IS 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	ADJOINER	TAX PARCEL
A	SHEPP	5-15A-28
B	BALL	5-15A-29
C	COALQUEST DEV. LLC	5-13A-15.1
D	COALQUEST DEV. LLC	5-13A-19
E	MCDANIEL	5-13A-6
F	LUCKEY	5-13A-5
G	MAYLE	5-13A-19
H	MCDANIEL	5-13A-10
I	MCDANIEL	5-13A-11
J	MCDANIEL	5-13A-12

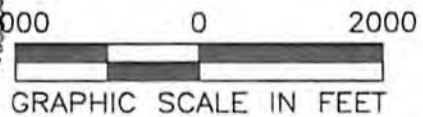


SURFACE HOLE LOCATION (SHL):		SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,350,295.936	UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,350,295.936
	EASTING: 576,711.553		EASTING: 576,711.553
LANDING POINT LOCATION (LPL):		LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,350,165.339	UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,350,165.339
	EASTING: 577,332.378		EASTING: 577,318.744
BOTTOM HOLE LOCATION (BHL):		BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,347,905.749	UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,347,919.814
	EASTING: 578,109.256		EASTING: 578,102.764

LINE	DESCRIPTION	DISTANCE	DESCRIPTION	MONUMENT
L1	S 77°34'55" W	1039.13	SHL TO LANDMARK	FENCE POST CORNER
L2	S 04°47'43" T	558.75	SHL TO LANDMARK	WELL # 1252
L3	N 20°03'55" E	200.00	SHL TO LANDMARK	REBAR SET
L4	S 31°48'02" E	273.40	SHL TO LANDMARK	REBAR SET

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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)</p>	<p>COALQUEST 2</p> <p>OPERATOR'S WELL #: 201</p> <p>API WELL #: 47 91</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: SAND LICK RUN OF SIMPSON CREEK</p> <p>DISTRICT: COURTHOUSE COUNTY: TAYLOR</p> <p>SURFACE OWNER: COALQUEST DEVELOPMENT LLC</p> <p>OIL &amp; GAS ROYALTY OWNER: PATRIOT MINING, INC.</p> <p>DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION</p> <p>CONVERT PLUG &amp; ABANDON CLEAN OUT &amp; REPLUG OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 3,177' TO 16,330' TO</p>	<p>WELL OPERATOR: ARSENAL RESOURCES</p> <p>ADDRESS: 6031 WALLACE ROAD EXTENSION #300</p> <p>CITY: WEXFORD STATE: PA ZIP CODE: 15090</p> <p>DESIGNATED AGENT: WILLIAM VEIGEL</p> <p>ADDRESS: 65 PROFESSIONAL PLACE SUITE 20</p> <p>CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330</p>
<p>REVISIONS:</p>		<p>DATE: 01-10-2018</p> <p>DRAWN BY: R. DOERR</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 030-3042</p> <p>WELL LOCATION PLAT</p>