

**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.

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

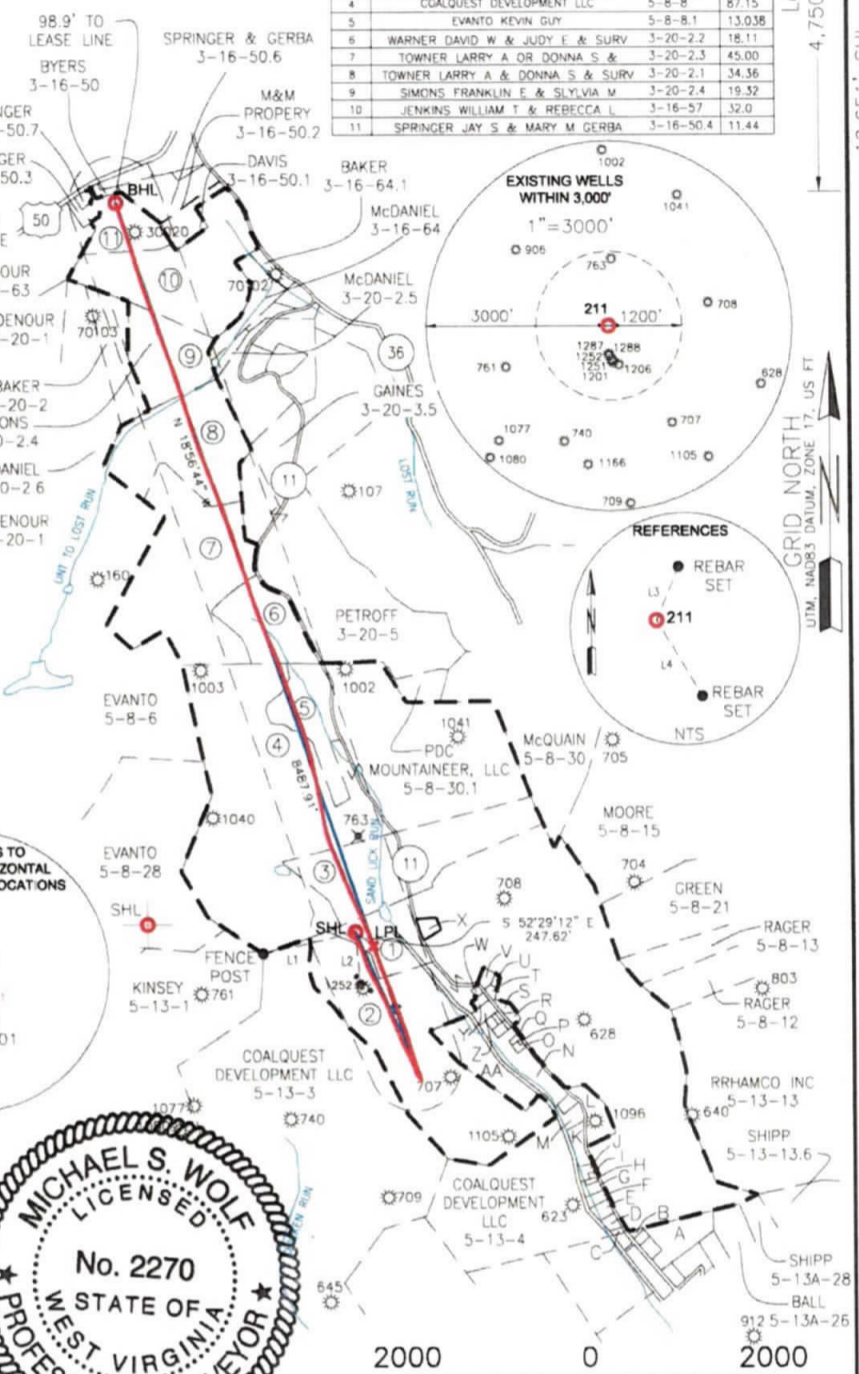
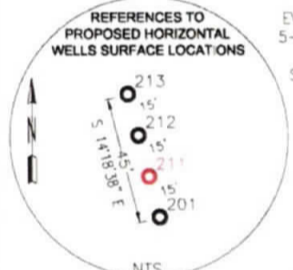
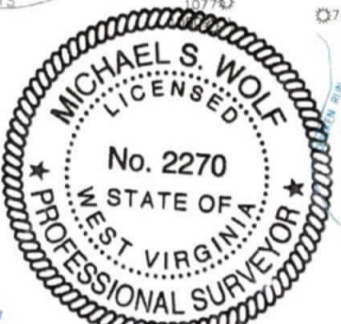
LINE	DESCRIPTION	DISTANCE	DESCRIPTION	MONUMENT
L1	S 76°45'21" W	1038.80	SHL TO LANDMARK	FENCE POST CORNER
L2	S 05°16'25" E	566.63	SHL TO LANDMARK	WELL# 1252
L3	N 22°37'52" E	187.79	SHL TO LANDMARK	REBAR SET
L4	S 30°53'31" E	287.70	SHL TO LANDMARK	REBAR SET

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	COALQUEST DEVELOPMENT LLC	5-8-10.2	10.0
2	COALQUEST DEVELOPMENT LLC	5-8-10	83.9
3	COALQUEST DEVELOPMENT LLC	5-8-9	15.98
4	COALQUEST DEVELOPMENT LLC	5-8-8	87.15
5	EVANTO KEVIN GUY	5-8-8.1	13.038
6	WARNER DAVID W & JUDY E & SURV	3-20-2.2	18.11
7	TOWNER LARRY A OR DONNA S &	3-20-2.3	45.00
8	TOWNER LARRY A & DONNA S & SURV	3-20-2.1	34.36
9	SIMONS FRANKLIN E & SYLVIA M	3-20-2.4	19.32
10	JENKINS WILLIAM T & REBECCA L	3-16-57	32.0
11	SPRINGER JAY S & MARY M GERBA	3-16-50.4	11.44

TRACT	ADJOINER SURFACE OWNER	TAX PARCEL
A	COALQUEST DEVELOPMENT, LLC.	5-13A-15.1
B	GERARD	5-13A-13
C	FOWLER	5-13-11
D	FOWLER	5-13-10
E	BARTLETT	5-13-9
F	COOK	5-13-7
G	ZBOSNIK	5-13-7.2
H	ZBOSNIK	5-13-7.1
I	AJVL	5-13-5
J	AJVL	5-13-5.3
K	AJVL	5-13-5.2
L	PHILLIPS	5-13-5.1
M	CURRY	5-13-5.5
N	COALQUEST DEVELOPMENT, LLC.	5-8-10
O	FELTON	5-8-11.2
P	POLING	5-8-11.1
Q	POLING	5-8-11
R	KETTERMAN	5-8A-14
S	KETTERMAN	5-8A-7
T	LIPSCOMB	5-8A-4
U	LIPSCOMB	5-8A-3
V	CAMPBELL	5-8A-2
W	GREEN	5-8A-1
X	COALQUEST DEVELOPMENT, LLC.	5-8-28
Y	ROSS	5-8A-5
Z	FLEMING	5-8A-6
AA	COALQUEST DEVELOPMENT, LLC.	5-8-10.1

<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,350,300.364 EASTING: 576,710.441
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,350,044.084 EASTING: 576,842.893
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,352,703.291 EASTING: 575,927.234
<b>SURFACE HOLE LOCATION (SHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,350,300.364 EASTING: 576,710.441
<b>LANDING POINT LOCATION (LPL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,350,254.403 EASTING: 576,770.309
<b>BOTTOM HOLE LOCATION (BHL):</b> UTM (NAD83, ZONE 17, METERS): NORTHING: 4,352,701.371 EASTING: 575,930.345

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 1/12/18*

(+) 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 SURVEY SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 211 API WELL #: 47 91 01336 STATE COUNTY PERMIT
	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"/>	WATERSHED: SAND LICK RUN OF SIMPSON CREEK DISTRICT: COURTHOUSE COUNTY: TAYLOR SURFACE OWNER: COALQUEST DEVELOPMENT LLC OIL & GAS ROYALTY OWNER: PATRIOT MINING, INC.
DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED	TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,799 TVD 17,838 TMD	
WELL OPERATOR: ARSENAL RESOURCES ADDRESS: 6031 WALLACE ROAD EXTENSION #300 CITY: WEXFORD STATE: PA ZIP CODE: 15090	DESIGNATED AGENT: WILLIAM VEIGEL ADDRESS: 65 PROFESSIONAL PLACE, SUITE 200 CITY: BRIDGEPORT STATE: WV ZIP CODE: 26330	
LEGEND: AS-DRILLED SURFACE HOLE / BOTTOM HOLE EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION EXISTING WATER WELL EXISTING SPRING	SURVEYED BOUNDARY DRILLING UNIT LEASE BOUNDARY AS-DRILLED PATH PROPOSED PATH 500' BUFFER	REVISIONS: DATE: 01-12-2018 DRAWN BY: K. POTH SCALE: 1" = 2000' DRAWING NO: 030-3042 WELL LOCATION PLAT