

THRASHER

THE THRASHER GROUP, INC.
500 WHITE OAKS BLVD.
BRIDGEPORT, WV 26330
PHONE 304-624-1108

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.

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	COALQUEST DEVELOPMENT LLC	5-8-10.2	10.0
2	COALQUEST DEVELOPMENT LLC	5-8-10	63.99
3	COALQUEST DEVELOPMENT LLC	5-8-10.1	9.10
4	RICOTTILLI C	5-8-10.3	214.97
5	COALQUEST DEVELOPMENT LLC	5-8-26	1.14
6	COALQUEST DEVELOPMENT LLC	5-8-9	15.98
7	MELINDA L PETROFF	3-20-5	58.39
8	HOWARD AND KATRINA GAINES	3-20-3.5	7.20
9	VIVIAN & ROBERT W SICKLES	3-20-3.3	8.40
10	MILFORD P & BARBARA MCDANIEL	3-20-2.5	0.95
11	MILFORD P & BARBARA MCDANIEL	3-16-64	5.98
12	WILLIAM T & REBECCA L JENKINS	3-16-57	32.0
13	PAUL R & WILMA W DAVIS	3-16-50.1	4.0
14	M & M PROPERTY OPERATIONS	3-16-50.2	0.33
15	JAY S SPRINGER & MARY M GERBA	3-16-50.6	7.74

TRACT	ADJOINER	TAX PARCEL	TRACT	ADJOINER	TAX PARCEL
A	GERARD	5-13A-1.3	Y	FLEMING	5-8A-6
B	FOWLER	5-13-11	Z	BAKER	3-20-2
C	FOWLER	5-13-10	AA	SIMONS	03-20-2.4
D	BARTLETT	5-13-9	BB	MCDANIEL	03-20-2.6
E	COOK	5-13-7	CC	BAKER	03-16-64.1
F	ZBOSNIK	5-13-7.2	DD	HARBERT	03-16-65
G	ZBOSNIK	5-13-7.1			
H	AUVIL	5-13-5			
I	AUVIL	5-13-5.3			
J	CURRY	5-13-5.5			
K	BANKING & TRUST	5-13-5.4			
L	FELTON	5-8-11.2			
M	POLING	5-8-11.1			
N	POLING	5-8-11			
O	POLEN	5-8A-12			
P	FLEMING	5-8A-11			
Q	FLEMING	5-8A-10			
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	ROSS	5-8A-5			

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,350,304.795
	EASTING: 576,709.298
LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,350,088.445
	EASTING: 577,042.614
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,352,777.610
	EASTING: 576,115.221

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 *M/S/W* 6/29/17

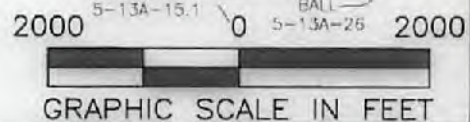
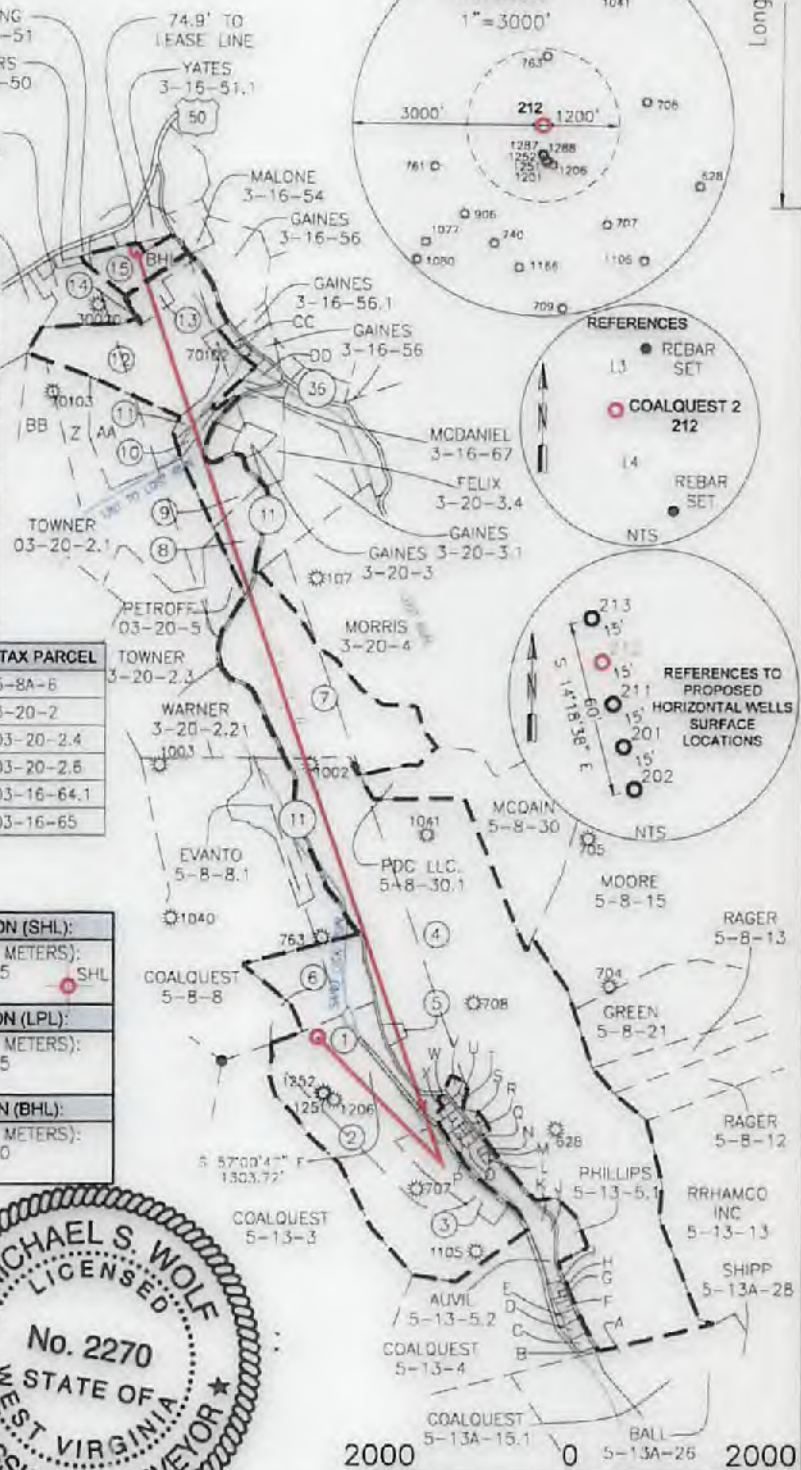


7,715' SHL
9,582' BHL
Latitude: 39°20'00"

LINE	DESCRIPTION	DISTANCE	DESCRIPTION	MONUMENT
L1	S 75°55'39" W	1038.59	SHL TO LANDMARK	FENCE POST CORNER
L2	S 05°30'34" E	581.46	SHL TO LANDMARK	WELL# 1252
L3	N 25°34'46" E	176.04	SHL TO LANDMARK	REBAR SET
L4	S 30°05'10" E	302.14	SHL TO LANDMARK	REBAR SET

GRID NORTH
UTM, NAD83 DATUM, ZONE 17, US FT

POLING 3-16-51
BYERS 3-16-50
SPRINGER 3-16-50.4
RIDENOUR 3-16-63



	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	OPERATOR'S WELL #: COALQUEST 2 212
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	API WELL #: 47 STATE 91 COUNTY PERMIT 013451/A
WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS <input checked="" type="checkbox"/> LIQUID INJECTION STORAGE SHALLOW <input checked="" type="checkbox"/>	WATERSHED: SAND LICK RUN OF SIMPSON CREEK	DISTRICT: COURTHOUSE COUNTY: TAYLOR	ELEVATION: 1266.0 (DESIGN) QUADRANGLE: GRAFTON ACREAGE: 10.00 ACREAGE: 10.00
SURFACE OWNER: COALQUEST DEVELOPMENT LLC OIL & GAS ROYALTY OWNER: PATRIOT MINING, INC.	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: 7,779 TVD 17,847 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	DATE: 6-29-2017	
LEGEND: <input checked="" type="checkbox"/> PROPOSED SURFACE HOLE / BOTTOM HOLE <input checked="" type="checkbox"/> EXISTING / PRODUCING WELLHEAD <input checked="" type="checkbox"/> ABANDONED WELL <input checked="" type="checkbox"/> PLUGGED & ABANDONED WELL <input checked="" type="checkbox"/> CUT CONDUCTOR	--- LEASE BOUNDARY --- 500' DHP BUFFER --- DOWN HOLE PATH --- DHP BUFFER	REVISIONS:	DRAWN BY: K. POTH SCALE: 1" = 2000' DRAWING NO: 030-3042 WELL LOCATION PLAT