

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.
- 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.

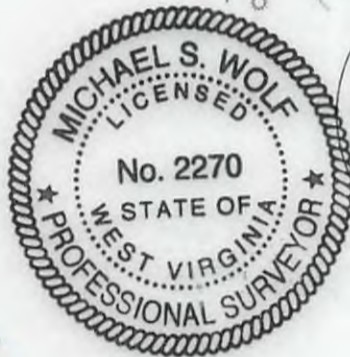
TRACT	ADJOINER SURFACE OWNER	TAX PARCEL
A	COALQUEST DEVELOPMENT, LLC.	5-13A-15.1
B	GERARD	5-13A-13
C	FOWLER	5-13-11
D	FOWLER	5-13-10
E	BARTLETT	5-13-9
F	COOK	5-13-7
G	ZBOSNIK	5-13-7.2
H	ZBOSNIK	5-13-7.1
I	ALVIL	5-13-5
J	ALVIL	5-13-5.3
K	ALVIL	5-13-5.2
L	PHILLIPS	5-13-5.1
M	CURRY	5-13-5.5
N	COALQUEST 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.	5-8-26
Y	ROSS	5-8A-5
Z	FLEMING	5-8A-6
AA	COALQUEST DEVELOPMENT, LLC.	5-8-10.1

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,350,300.364 EASTING: 576,710.441
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,350,044.084 EASTING: 576,842.893
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,352,056.423 EASTING: 576,149.855

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.

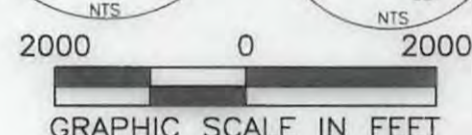
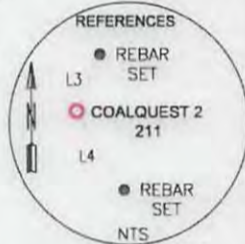
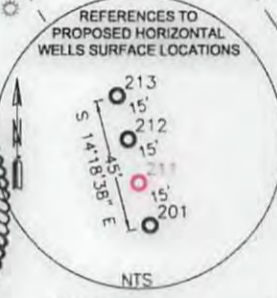
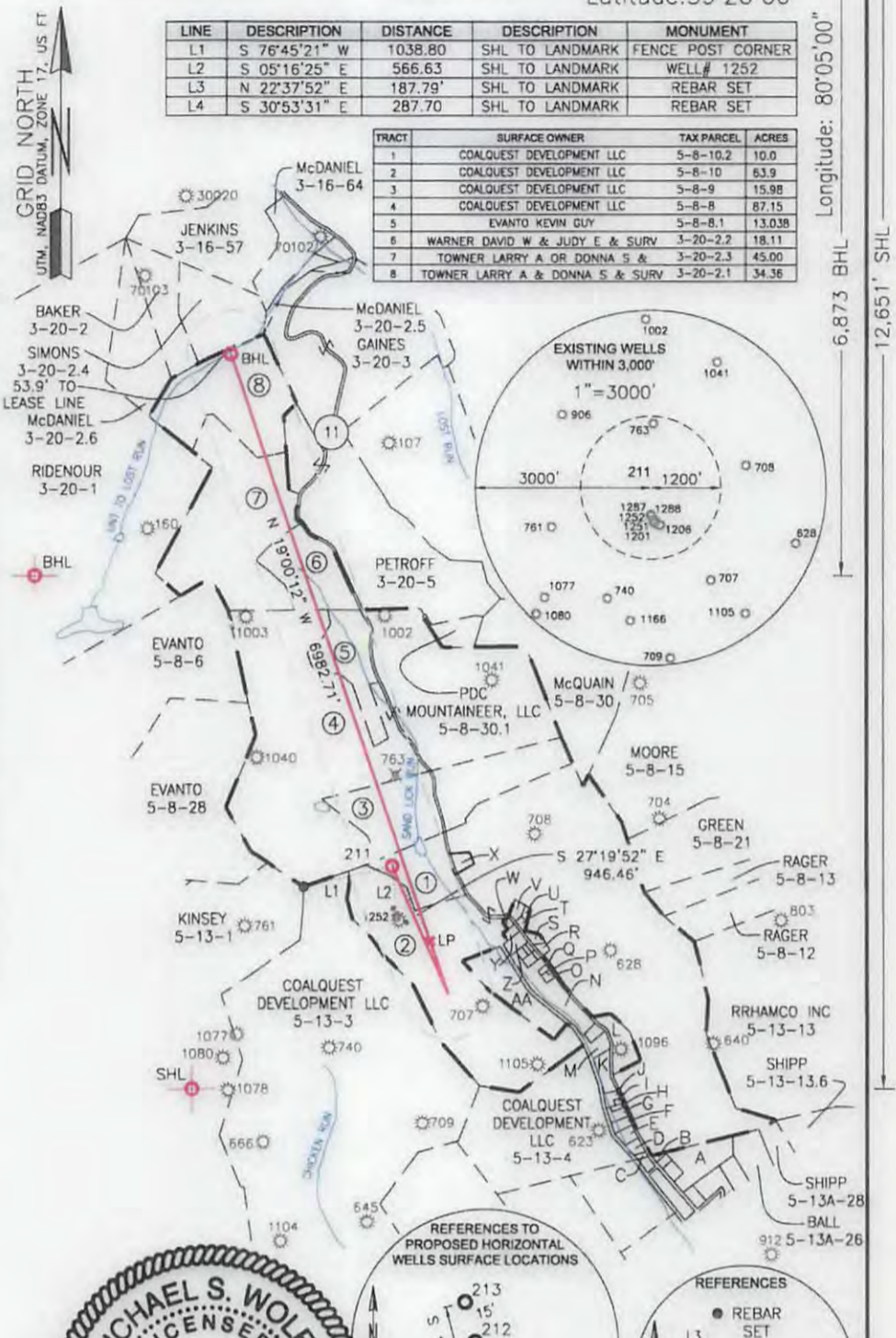
P.S. 2270

M.S.W. 4/7/17

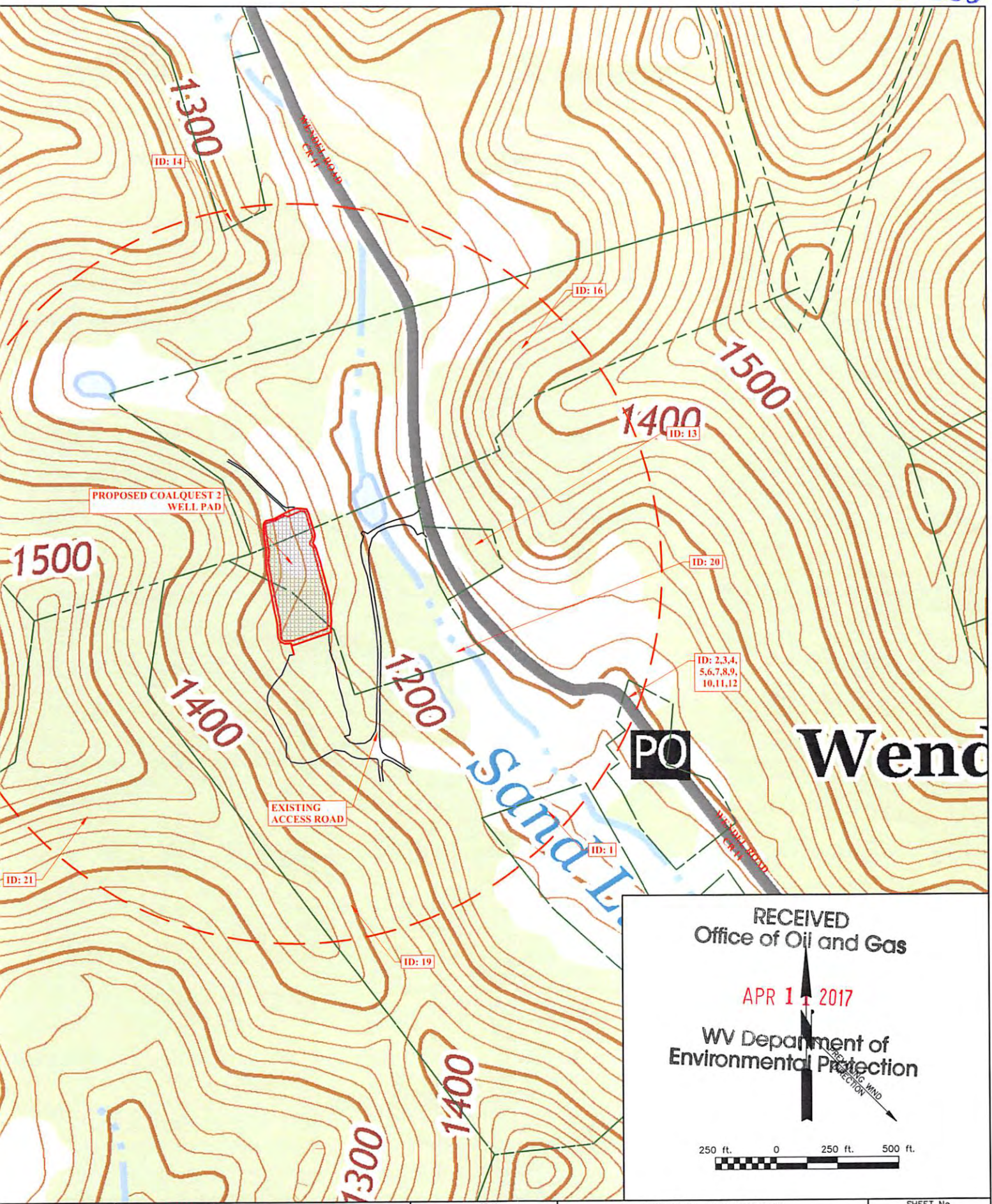


LINE	DESCRIPTION	DISTANCE	DESCRIPTION	MONUMENT
L1	S 76°45'21" W	1038.80	SHL TO LANDMARK	FENCE POST CORNER
L2	S 05°16'25" E	566.63	SHL TO LANDMARK	WELL# 1252
L3	N 22°37'52" E	187.79	SHL TO LANDMARK	REBAR SET
L4	S 30°53'31" E	287.70	SHL TO LANDMARK	REBAR SET

TRACT	SURFACE OWNER	TAX PARCEL	ACRES
1	COALQUEST DEVELOPMENT LLC	5-8-10.2	10.0
2	COALQUEST DEVELOPMENT LLC	5-8-10	63.9
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



<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 SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)</p>	<p>OPERATOR'S WELL #: 211</p> <p>API WELL #: 47</p>	<p>COALQUEST 2</p> <p>91</p> <p>H6A 01336</p>
	<p>STATE COUNTY PERMIT</p>	<p>STATE COUNTY PERMIT</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 ELEVATION: 1266.0</p> <p>DISTRICT: COURTHOUSE COUNTY: TAYLOR QUADRANGLE: GRAFTON</p> <p>SURFACE OWNER: COALQUEST DEVELOPMENT LLC ACREAGE: 10.00</p> <p>OIL & GAS ROYALTY OWNER: PATRIOT MINING, INC. ACREAGE: 10.00</p> <p>DRILL 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: 7,779 TVD 15,436 TMD</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>LEGEND: 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>		<p>REVISIONS:</p> <p>DATE: 04-04-2017</p> <p>DRAWN BY: K. POTH</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 030-3042</p> <p>WELL LOCATION PLAT</p>	



RECEIVED
Office of Oil and Gas

APR 1 2017

WV Department of
Environmental Protection

DIRECTION OF PREVAILING WIND

250 ft. 0 250 ft. 500 ft.

TE:	
TE:	
TE:	

THRASHER
THE THRASHER GROUP INC.
CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
PHONE (304) 624-4108 • FAX (304) 624-7831

PHASE No.	
CONTRACT No.	
PROJECT No.	101-030-3042

ARSENAL RESOURCES
SITE SAFETY PLAN FOR THE
COALQUEST 2 WELL PAD
TAYLOR COUNTY, WEST VIRGINIA
POTENTIAL WATER SOURCES

SHEET No.
W
05/26/2017