

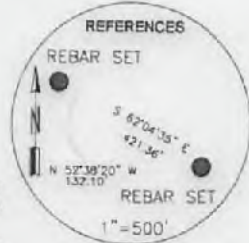
Latitude: 39°22'30" 4,333' BHL
1,708' SHL

THRASHER

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

NOTES ON SURVEY

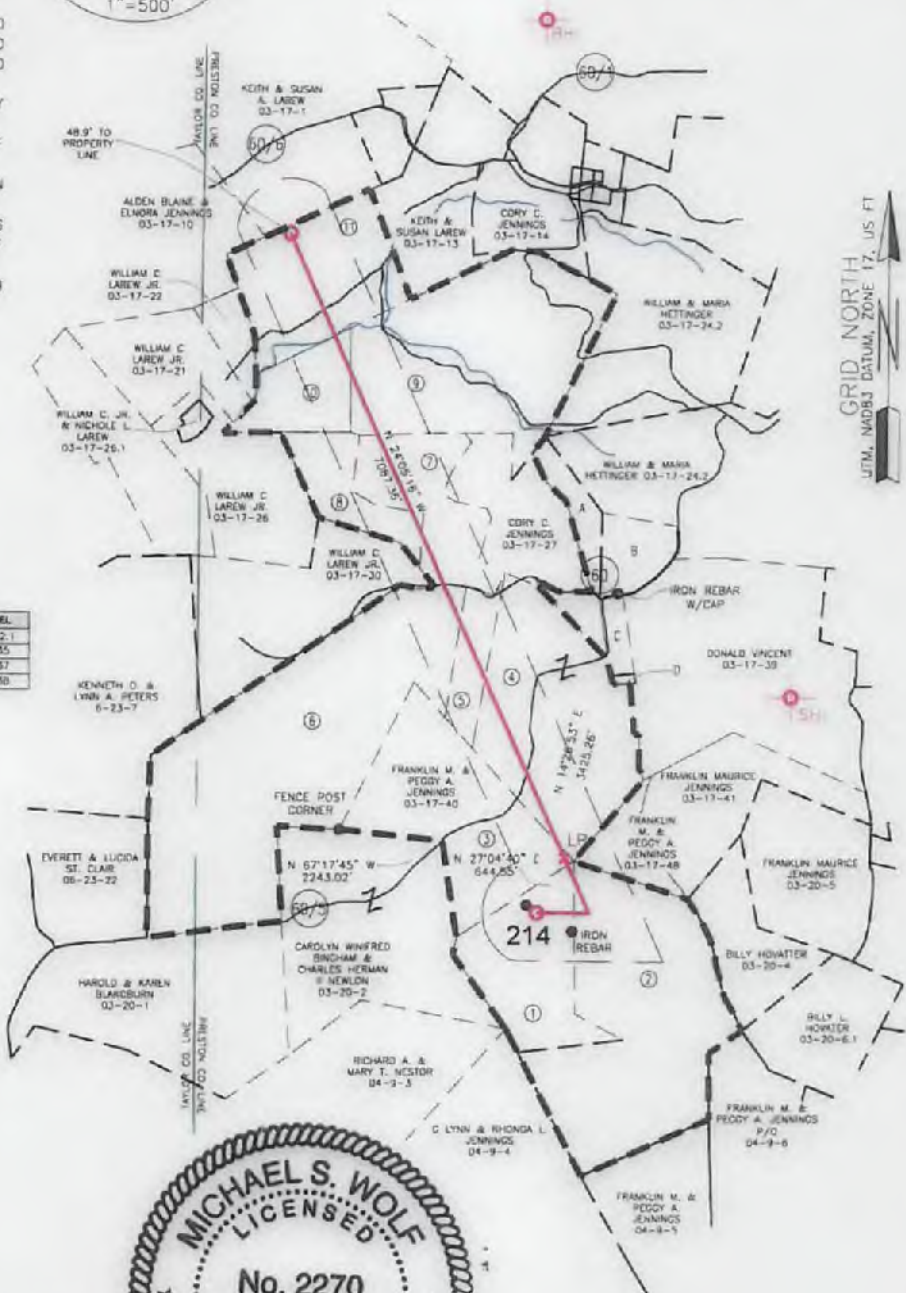
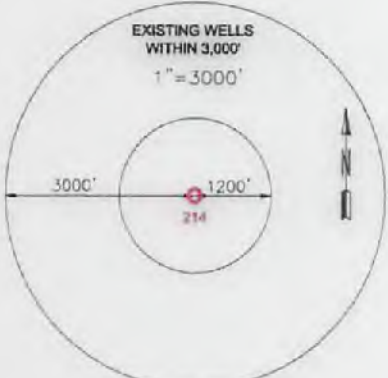
- COORDINATES SYSTEM IS UTM, NAD 83 DATUM, ZONE 17, U.S. FOOT AND WELL COORDINATES ESTABLISHED USING SURVEY GRADE GPS.
- SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND FIELD LOCATIONS.
- THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
- NO DWELLINGS AND BUILDINGS WITHIN 525 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 04-9-6	41
2	FRANKLIN M. & PEGGY A. JENNINGS	03-20-5	106.75
3	FRANKLIN M. & PEGGY A. JENNINGS	03-17-40	94.88
4	FRANKLIN M. & PEGGY A. JENNINGS	03-17-54	80.5
5	FRANKLIN M. & PEGGY A. JENNINGS	03-17-33.1	11.38
6	EVERETT & LUCIA ST. CLAIR	03-17-27.1	31.24
7	CHRISTOPHER R. & CORY C. JENNINGS	03-17-23.2	18.66
8	CHRISTOPHER R. & CORY C. JENNINGS	03-17-23.2	18.66
9	CRISCIANO LLC	03-17-23.2	92
10	WILLIAM LAREW JR.	03-17-23.1	20.82
11	GLENN C. & KEITH LAREW	03-17-11	45

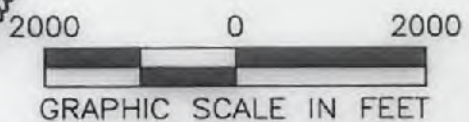
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,355,949.133 EASTING: 596,444.083
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,356,125.478 EASTING: 596,530.570
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4,358,082.202 EASTING: 595,616.453

TRACT	ADJACENT	TAX PARCEL
A	CHRISTOPHER R. JENNINGS	03-17-32.1
B	CHRISTOPHER R. JENNINGS	03-17-35
C	CHRISTOPHER R. JENNINGS	03-17-37
D	LLOYD B. & KAREN SUE TCHNELL	03-17-38



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. Wolf 6/26/17*



	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS	MINIMUM DEGREE OF ACCURACY: 1/200	FRANKLIN JENNINGS
	WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	PROVEN SURVEY SOURCE OF ELEVATION: GRADE GPS (NAVD 88, US FT)	OPERATOR'S WELL #: 214 API WELL #: 47 STATE 77 COUNTY PERMIT 00630HGA
WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS <input checked="" type="checkbox"/> LIQUID INJECTION STORAGE SHALLOW <input checked="" type="checkbox"/>	WATERSHED: SANDY CREEK DISTRICT: LYON COUNTY: PRESTON	ELEVATION: 1,725.8' (DESIGN) QUADRANGLE: THORNTON	
SURFACE OWNER: FRANKLIN M. & PEGGY A. JENNINGS OIL & GAS ROYALTY OWNER: FRANKLIN M. & PEGGY A. JENNINGS	DRILL <input checked="" type="checkbox"/> DRILL DESPER REDRILL FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION PERFORATE NEW FORMATION CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)	ACREAGE: 41.00 ACREAGE: 41.00	
TARGET FORMATION: MARCELLUS	ESTIMATED DEPTH: 8,286 TMD 15,819 TMD		09/22/2017
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: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD ✕ ABANDONED WELL ✕ PLUGGED & ABANDONED WELL △ CUT CONDUCTOR	REVISIONS: --- LEASE BOUNDARY --- 500' DHP BUFFER --- DOWN HOLE PATH --- DHP BUFFER		DATE: 05-16-2017 DRAWN BY: R. DOERR SCALE: 1" = 2000' DRAWING NO: 030-3133 WELL LOCATION PLAT