

References

Location **S88°45'W**
 02139H 352.5' 16"
 Poplar
 Fd. 13"x
 6"x 13"
 Stone

Note: All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats & aerial photos.
 Note: Leg and bottom hole location are based upon a survey report by Panther Drilling Systems dated 2/05/15.

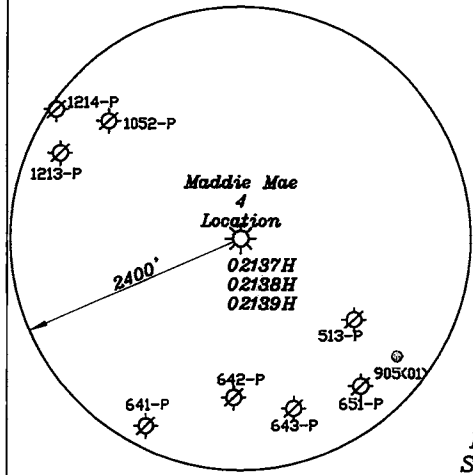
Bottom Hole 10,258'
 LATITUDE 39-27-30 N

Top Hole
 Geo NAD 83- 39.437759 N, 80.806081 W
 UTM NAD 83 (Meters)- 4365375.0 N, 516687.8 E
 UTM NAD 83 (Feet)- 14322067.7 N, 1695166.7 E
 LPI
 Geo NAD 83- 39.438893 N, 80.808586 W
 UTM NAD 83 (Meters)- 4365500.3 N, 516472.0 E
 UTM NAD 83 (Feet)- 14322479.0 N, 1694458.7 E
 TP
 Geo NAD 83- 39.441341 N, 80.812982 W
 UTM NAD 83 (Meters)- 4365771.3 N, 516093.1 E
 UTM NAD 83 (Feet)- 14323367.9 N, 1693215.6 E
 Bottom Hole
 Geo NAD 83- 39.455137 N, 80.827997 W
 UTM NAD 83 (Meters)- 4367299.7 N, 514798.1 E
 UTM NAD 83 (Feet)- 14328382.4 N, 1688966.9 E

- A1- Frey 0.46 ac. TM 10/41
- B1- Joseph 0.34 ac. TM 10/40
- M- Dillon 0.452 ac. TM 10/8.1
- N- Zills 72.942 ac. TM 10/2.11
- O- Zills 30 ac. TM 10/2.12
- P- Warner 6.875 ac. TM 10/2.8
- Q- Potoczny 11.14 ac. TM 10/2.7

- A- Boyd TM 10/12 21.25 ac.
- B- Frey TM 10/11 85 ac.
- C- McMahon 55 ac. TM 10/10
- D- Donahue 30 ac. TM 10/13.1
- E- Donahue 18 ac. TM 10/9
- F- R. Warner 14.862 ac. TM 10/2.5
- G- McMahon 0.36 ac. TM 10/48
- H- Miller 27.25 ac. TM 10/3
- I- Wright 2 ac. TM 10/47
- J- Starcher 60.832 ac. TM 10/2.14
- K- Haught 80.85 ac. TM 10/13
- L- Kile 29.62 ac. TM 10/8
- X- Richmond 0.23 ac. TM 10/44
- Y- Bloom 0.23 ac. TM 10/43
- Z- Bloom 0.23 ac. TM 10/42

- R- Cargasz 20.997 ac. TM 10/2
- S- Earnley Owens et al 75 ac. TM 5/5
- T- O.P. Gatrell estate 72.5 ac. TM 5/6
- U- West 11.36 ac. TM 10/55
- V- D. Whitfield 1 ac. TM 10/46
- W- G. Whitfield 0.23 ac. TM 10/45



Note: No water wells were found 250' of the location. No dwellings or agricultural buildings were found within 625' of the center of the well pad.

NUMBER	DIRECTION	DISTANCE
L1	N34°28'E	214'
L2	N58°53'W	819'
L3	N53°29'W	1,529'

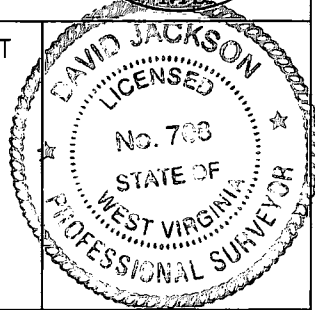
Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNED) David L Jackson
 R.P.E. _____ L.S. 708



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE September 22, 2015
 OPERATOR'S WELL NO. Maddie Mae 4
 API WELL NO. ASDRILLED
47 - 095 - 02139H
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF 'GAS') PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,040.9' WATER SHED Indian Creek
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Shirley 7 1/2'

SURFACE OWNER Joseph Boyd (T.M. 10/12) Lonnie C. & Debbie K. Frey (TM 10/11) ACREAGE 21.25 ac. & 85 ac.
 OIL & GAS ROYALTY OWNER Joseph Boyd (TM.10/12), Michael Benedum of Blackrock Enterprises, LLC (TM.10/10, 11), Cathern Donahue (TM.10/31.1), William A Kile Trust (TM.10/8), JB Exploration I, LLC (TM.10/2.12), JB Exploration I, LLC (TM.10/2.8), JB Exploration I, LLC (TM.10/2.7), JB Exploration I, LLC (TM.10/2), Robert K. Owens (TM.5/5)

LEASE NO. & ACREAGE: W668C 21.25Ac., W699 705 109 Ac., T5002 111 Ac., T5003B 30.72 Ac., Exco144G 30 Ac., Exco144E 6.875 Ac., Exco144D 11.14 Ac., Exco144A 31.213 Ac., T5005 75 Ac.
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ASDRILLED
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Marcellus ESTIMATED DEPTH TVD 6,697' + TMD 15,222'
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
 ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS Route 1, Box 5, Cairo, WV 26337

Bottom Hole 1,164'
 Top Hole 7,462'
 LONGITUDE 80-47-30 N