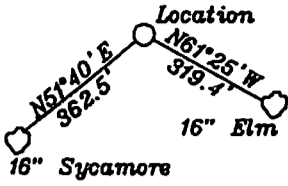


References

Top Hole
UTM NAD 83(meters)-4396885.9 N. 524699.7 E
TPI
UTM NAD 83(meters)-4396678.1 N. 524350.7 E
KOP
UTM NAD 83(meters)-4396576.1 N. 524463.8 E
Bottom Hole
UTM NAD 83(meters)-4397832.1 N. 523070.8 E

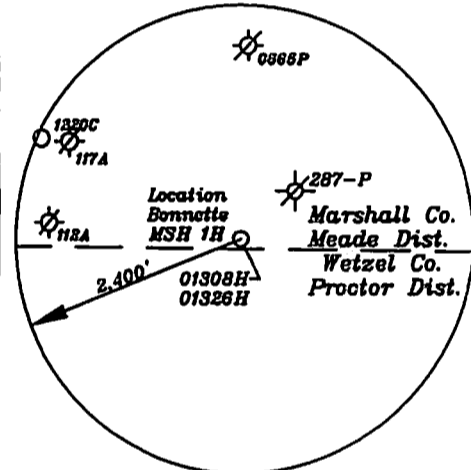


- A- Ries 3 Ac. TM.3-8 1-292576-001, 1-254767-000
- B- Hohman 4.07 Ac. TM.3-8.3 1-292576-001, 1-254767-000
- C- Hohman 4.12 Ac. TM.3-8.2 & 8.1 1-292576-001, 1-254767-000
- D- B. Ferrell 1 Ac. TM.3-9 1-292576-001, 1-254916-000
- E- B. Ferrell 0.54 Ac. TM.3-10.1 1-254839-000
- F- B. Ferrell 0.39 Ac. TM. 3-10.5 1-254843-000

- G- J. Ferrell 28.97 Ac. TM.3-10.3 1-254839-000
- H- Miller 5.02 Ac. TM.3-10.2
- I- Ferrell 1.29 Ac. TM.3-10.4
- J- Zombatti 4.34 Ac. TM.3-11.2
- K- Wright 0.617 Ac. TM.22-3.3
- L- Mystikwa Trust 1.1 Ac. TM.22-3.1
- M- M. Miller 75 Ac. TM.22-3.2 1-254843-000
- N- Bonnette 126.53 Ac. TM.22-8 1-254855-000
- O- Fox 56 Ac. TM.4-1
- P- Frohnappf 16.62 Ac. TM.22-5 & 6
- Q- H. Miller 63.73 Ac. T.M. 22-3 1-254843-000
- R- Ries 62.32 Ac. T.M. 3-7 1-255029-000
- S- Zombatti 4.15 Ac. TM.3-10 1-254839-000
- T- CNC Transmission Co. TM.22-1.1 1.43 Ac. 1-273241-000
- U- Consol Energy Holdings LLC 1 TM.25-3.2 1.43 Ac.
- V- Klug 1 Ac. TM.22-7

CI- The Co. Comm. of Marshall Co. 3.143 Ac. TM.22-8.1

NORTH



Note: No water wells were found within 250' of well location.

Note: A dwelling is located S18°21'W 534' from the center of the pad.

NUMBER	DIRECTION	DISTANCE
L1	S60°11'W	1,333'
L2	N47°00'W	500'
L3	S9°14'E	2,466'
L4	N28°36'W	1,018'

Note: All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats and aerial photos.

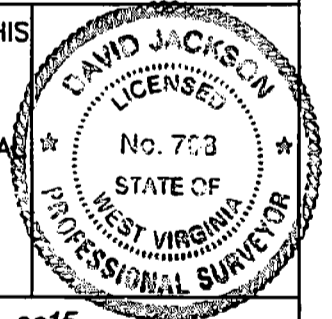
Note: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

(+) 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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

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



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

DATE June 2, 2015
 OPERATOR'S WELL NO. Bonnette MSH 1H
 API WELL NO. 47-051-01827

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL _____ STATE COUNTY PERMIT
 (IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 1,429.6' WATER SHED Whetstone Creek
 DISTRICT Meade COUNTY Marshall
 QUADRANGLE Wileyville 7 1/2'
 SURFACE OWNER Robert and Linda Bonnette ACREAGE 126.53 ac.
 OIL & GAS ROYALTY OWNER Robert and Linda Bonnette, Robert and Barbara Bias, & Larry and Glenda Kress LEASE ACREAGE 513.14 ac.

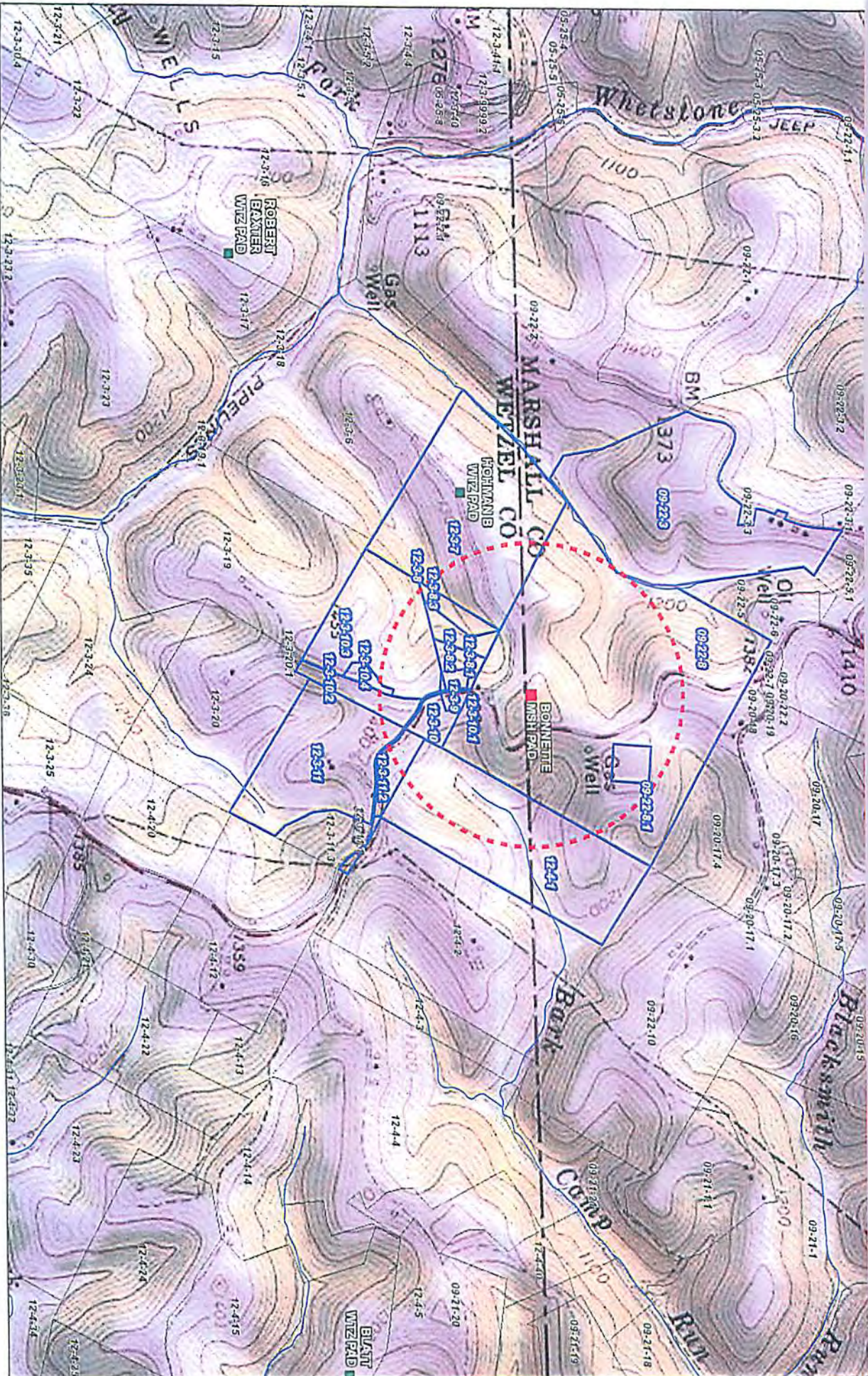
LEASE NO. _____

06/12/2015

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) _____

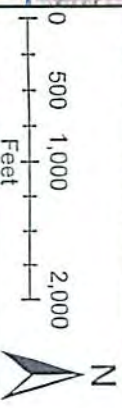
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION Marcellus ESTIMATED DEPTH TVD=7,077'; TMD 13,900'
 WELL OPERATOR SWN Production Co. LLC DESIGNATED AGENT Dee Southall
 ADDRESS P.O. Box 1300 Jane Lew, WV 26378 ADDRESS P.O. Box 1300 Jane Lew, WV 26378



Received
Office of Oil & Gas
FEB 26 2015

- Site of Interest
- Streams
- Parcels With Water Sources (1500' of Source)
- Other Parcels
- 1,500' Buffer Around Wells



WV Water Purveyor Map
 BONNETTE MSH PAD - (907984)
 MARSHALL COUNTY, WV
 Lat: 39.72144 / Long: -80.71203
 Date: 9/12/2014
 Projection: WGS 1984 UTM Zone 17N
 Scale: 1 inch = 1,000 feet