

Top Hole	UTM NAD 83(meters)-4396892.2 N. 524693.9 E
TP	UTM NAD 83(meters)-4396972.6 N. 524930.8 E
KOP	UTM NAD 83(meters)-4397077.7 N. 524820.5 E
Bottom Hole	UTM NAD 83(meters)-4396047.1 N. 525902.2 E

LATITUDE 39-45-00 N

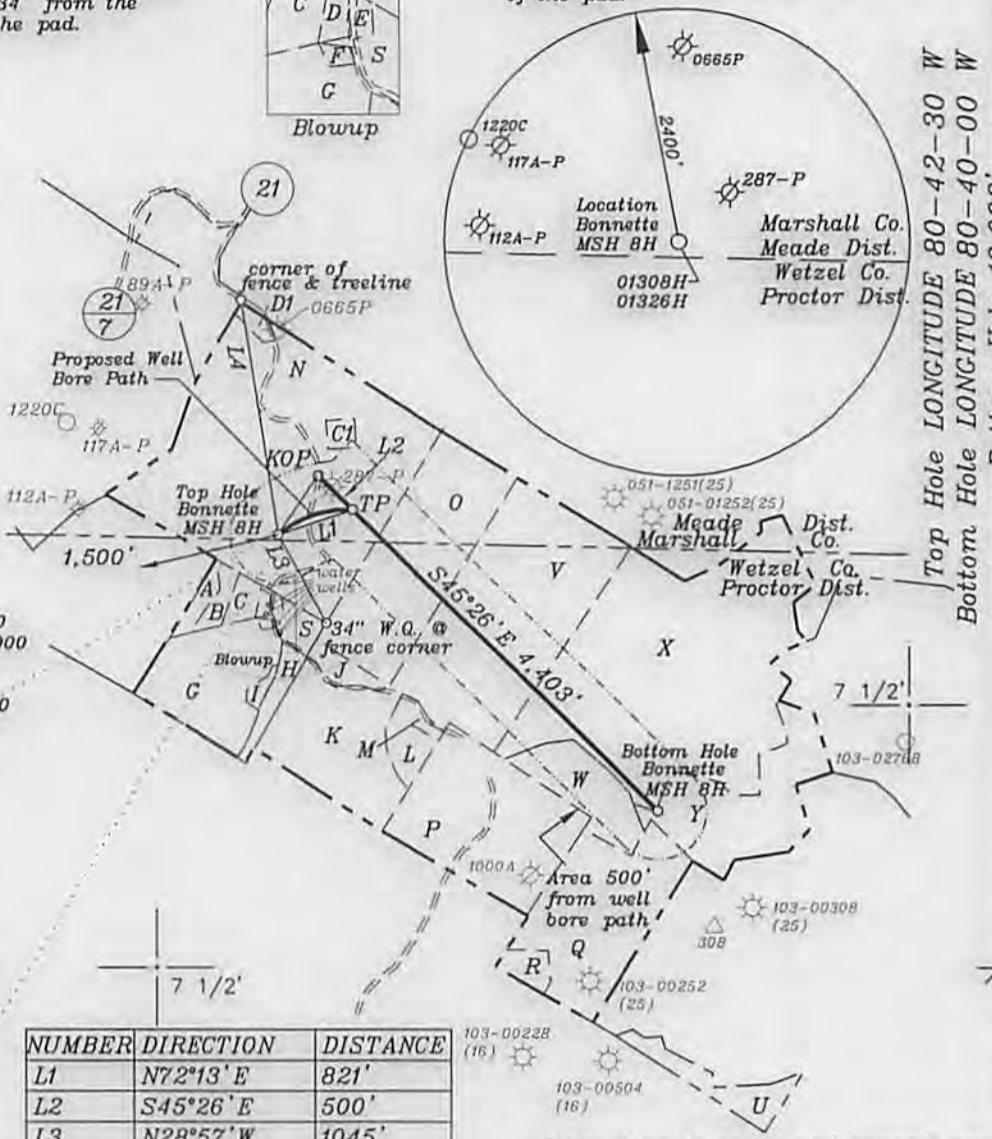
Note: All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats and aerial photos.

Note: No water wells were found within 250' of well location. A dwelling is located S18°21'W 534' from the center of the pad.

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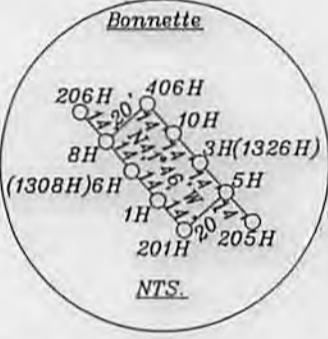


- A = Ries 3 Ac. T.M. 3/8
- B = Hohman 4.07 Ac. T.M. 3/8.3
- C = Hohman 4.12 Ac. T.M. 3/8.2&8.1 1-254855-000
- D = B. Ferrell 1 Ac. T.M. 3/9
- E = B. Ferrell 0.54 Ac. T.M. 3/10.1
- F = B. Ferrell 0.33 Ac. T.M. 3/10.5
- G = J. Ferrell 28.97 Ac. T.M. 3/10.3
- H = Miller 5.02 Ac. T.M. 3/10.2
- I = Ferrell 1.23 Ac. T.M. 3/10.4
- J = Zombotti 4.34 Ac. T.M.3/11.2
- K = R. Yoho et al 38.59 Ac. T.M. 3/11
- L = Blatt 7.42 Ac. T.M 3/11.3
- M = Herrick 0.65 Ac. T.M. 3/11.1
- N = Bonnette 126.53 Ac. T.M. 22/8 1-254855-000
- O = Foz 56 Ac. T.M. 4/1 1-254904-000
- P = Dulaney 52 Ac. T.M. 4/12
- Q = Klug 48 Ac. T.M. 4/22
- R = Estep 3.45 Ac. T.M. 4/21
- S = Zombotti 4.15 Ac. T.M. 3/10
- U = Scheibelhood 9.8 Ac. T.M. 4/32
- V = Foz 74.7 Ac. T.M. 4/2 1-254904-000
- W = Blatt 22.1 Ac. T.M. 4/13 1-254905-000
- X = Blatt 106.83 Ac. T.M. 4/3&4 1-254905-000
- Y = Blatt 37 Ac. T.M. 4/14 1-254836-000
- Cl = The Co. Comm. of Marshall Co. 3.143 Ac. T.M.22-8.1 1-254855-000
- Dl = Klug 1 Ac. T.M.22-7



Top Hole LONGITUDE 80-42-30 W  
 Bottom Hole LONGITUDE 80-40-00 W  
 Bottom Hole 13,062'  
 Top Hole 10,377'

NORTH



NUMBER	DIRECTION	DISTANCE
L1	N72°13' E	821'
L2	S45°26' E	500'
L3	N28°57' W	1045'
L4	S08°53' E	2443'

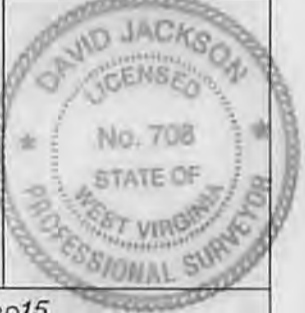
Note: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

(+) 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 January 19, 2015  
 OPERATOR'S WELL NO. Bonnette MSH 8H  
 API WELL NO. 47-051-1828

WELL TYPE: OIL    GAS X LIQUID INJECTION    WASTE DISPOSAL    STATE    COUNTY     
 (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'

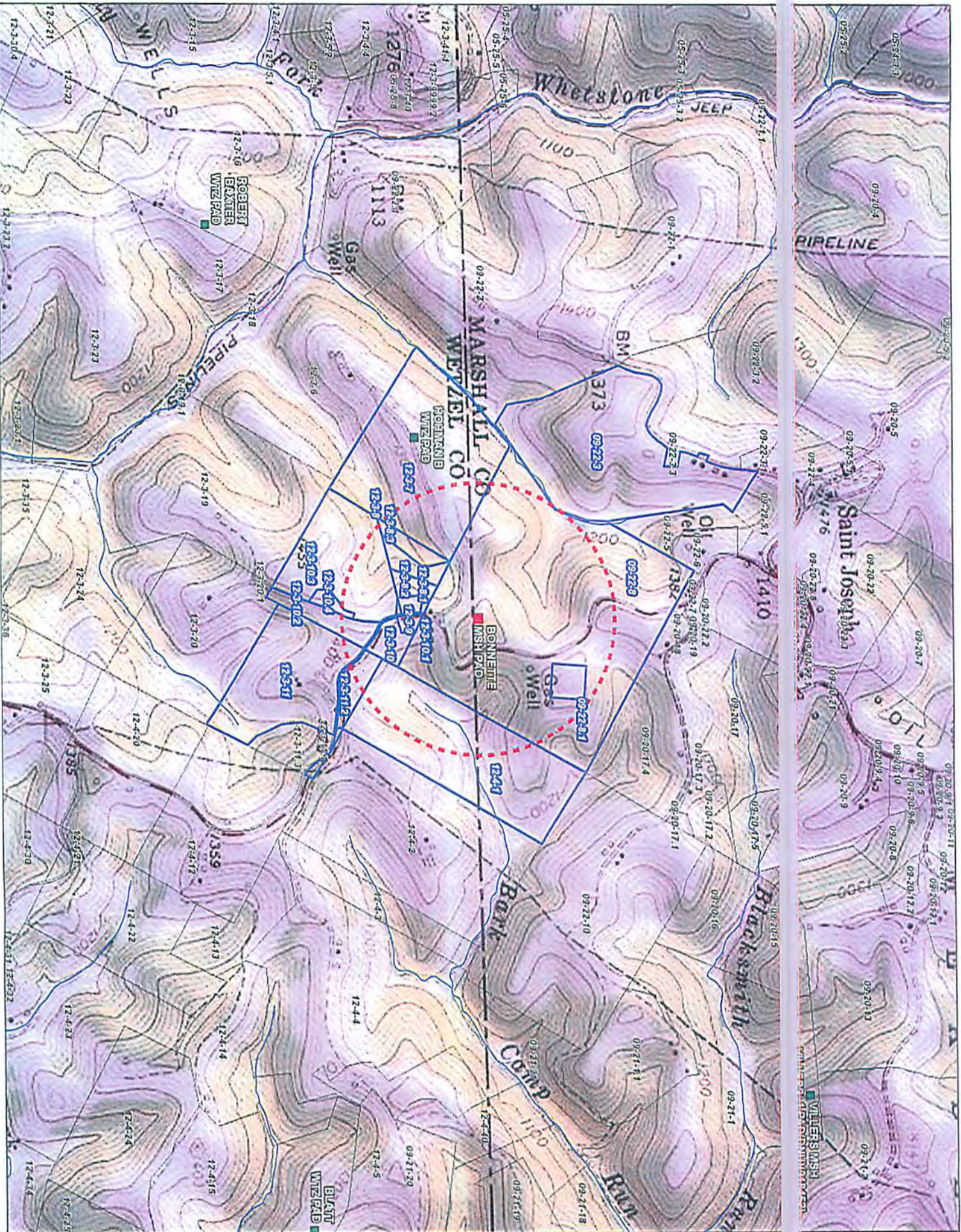
SURFACE OWNER Robert and Linda Bonnette ACREAGE 126.53 ac.  
 OIL & GAS ROYALTY OWNER Robert and Linda Bonnette, Robert and Barbara Bias, & Larry and Glenda Kress LEASE ACREAGE 426.303 ac.

LEASE NO. \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_

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) \_\_\_\_\_

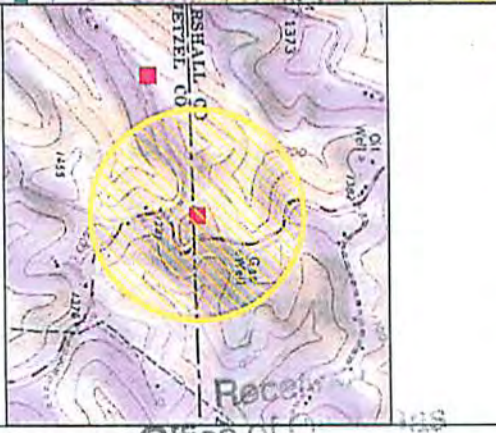
PLUG AND ABANDON    CLEAN OUT AND REPLUG     
 TARGET FORMATION Marcellus ESTIMATED DEPTH TVD=7,077'; TMD=12,500'  
 WELL OPERATOR SWN Production Co. LLC DESIGNATED AGENT Dee Southall  
 ADDRESS P.O. Box 1300 Jane Lew, WV 26378 ADDRESS P.O. Box 1300 Jane Lew, WV 26378

06/12/2015



0 500 1,000 2,000  
Feet

**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



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

Received  
Office of Oil & Gas  
FEB 26 2015