

Bottom Hole 11,284'
 LATITUDE 39-45-00 N

Top Hole	UTM NAD 83(meters)-4396896.3 N. 524698.4 E
TPI	UTM NAD 83(meters)-4396392.8 N. 524156.7 E
KOP	UTM NAD 83(meters)-4396494.9 N. 524043.6 E
Bottom Hole	UTM NAD 83(meters)-4395441.6 N. 525211.6 E

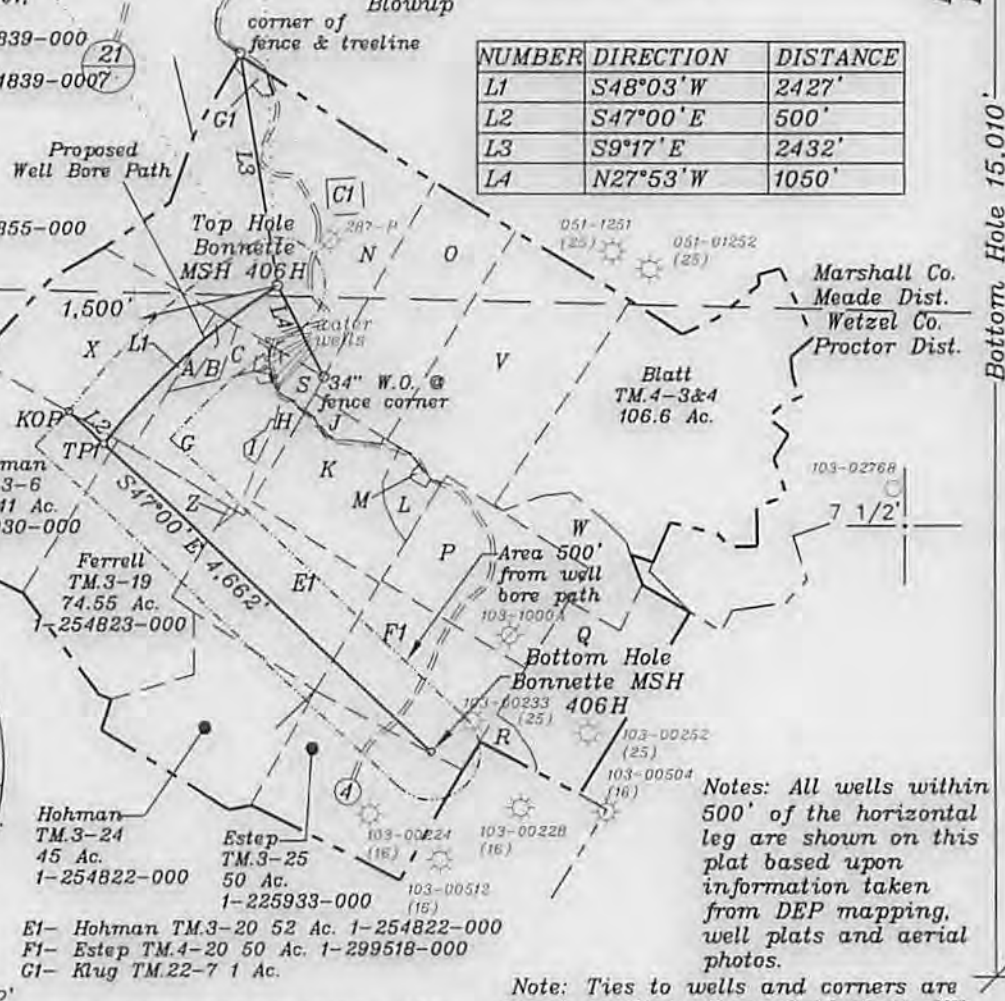
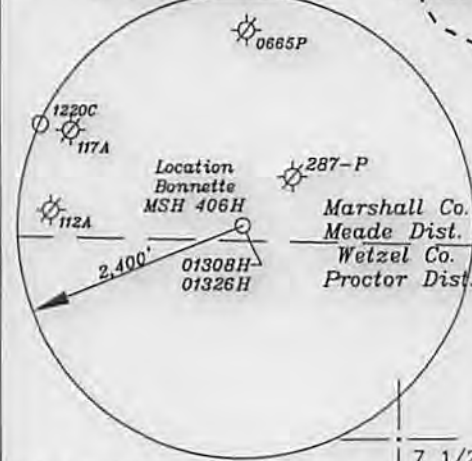
LONGITUDE 80-42-30 W (TH)
 LONGITUDE 80-40-00 W (BH)

- 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.3-8.1 & 8.2 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 0.33 Ac. TM.3-10.5
- G- J. Ferrell 28.97 Ac. TM.3-10.3 1-254839-0007
- H- Miller 5.02 Ac. TM.3-10.2
- I- Ferrell 1.29 Ac. TM.3-10.4
- J- Zombotti 4.34 Ac. TM.3-11.2
- K- R. Yoho et al 38.59 Ac. TM.3-11
- L- Blatt 7.42 Ac. TM.3-11.3
- M- Herrick 0.65 Ac. TM.3-11.1
- N- Bonnette 126.53 Ac. TM.22-8 1-254855-000
- O- Fox 56 Ac. TM.4-1
- P- Dulaney 52 Ac. TM.4-12
- Q- Klug 48 Ac. TM.4-22
- R- Estep 3.45 Ac. TM.4-21
- S- Zombotti 4.15 Ac. TM.3-10 1-254839-000
- V- Fox 74.7 Ac. TM.4-2
- W- Blatt TM.4-13 22.14 Ac.
- X- Ries TM.3-7 62.32 Ac. 1-255029-000
- Z- Ferrell TM.3-20.1 1 Ac.
- CI- The Co. Comm. of Marshall Co. 3.143 Ac. TM.22-8.1



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

NUMBER	DIRECTION	DISTANCE
L1	S48°03'W	2427'
L2	S47°00'E	500'
L3	S9°17'E	2432'
L4	N27°53'W	1050'



Notes: 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.

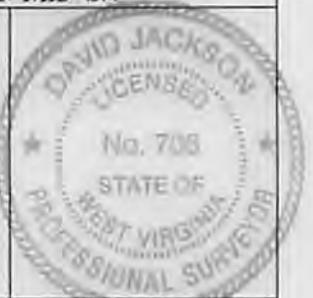
Note: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

(+) 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 406H
 API WELL NO. 1832

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL STATE COUNTY 47 - 051 PERMIT

(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X

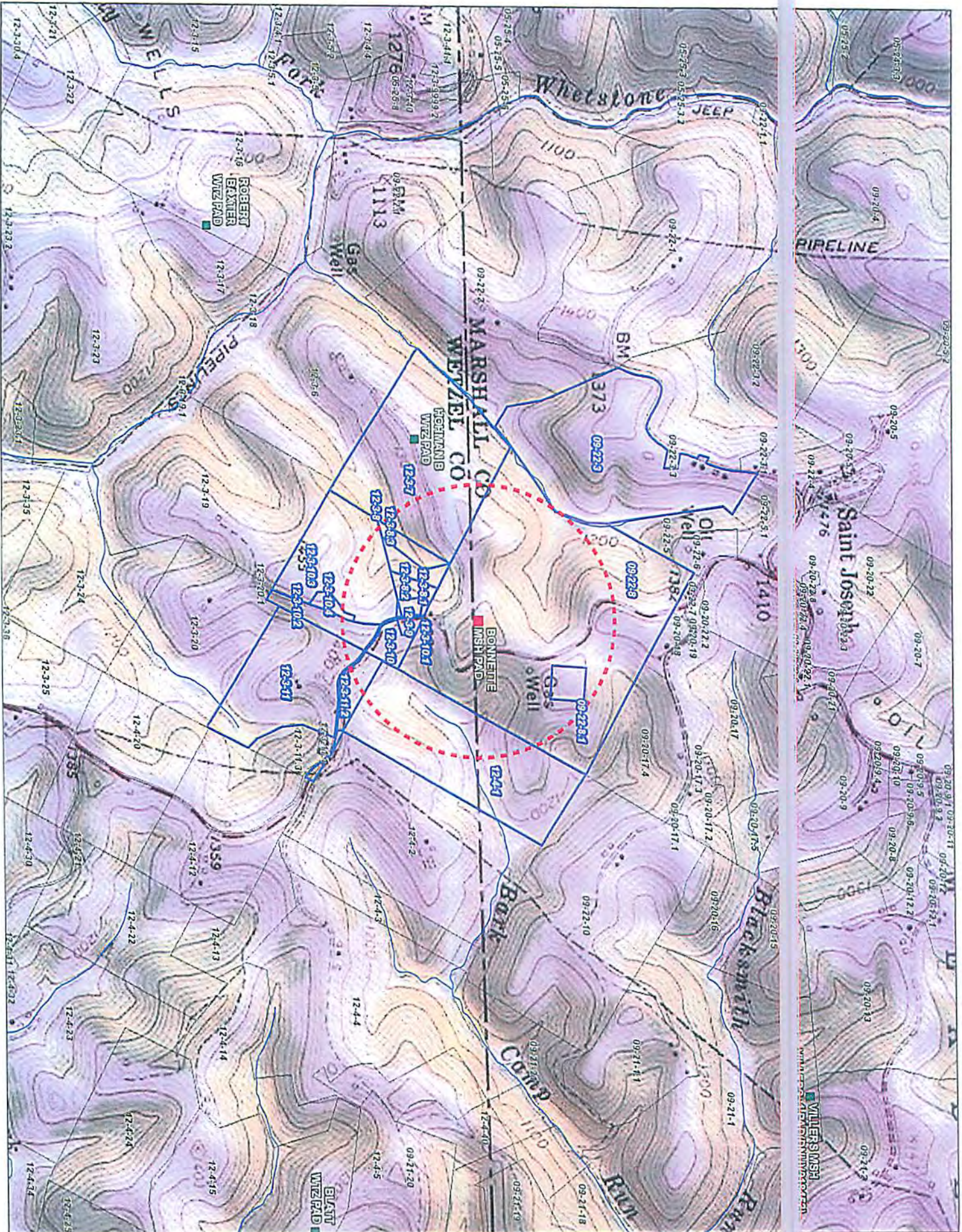
LOCATION: ELEVATION 1,429.6' WATER SHED Whetstone Creek
 DISTRICT Meade COUNTY Marshall
 QUADRANGLE Wileyville 7 1/2'

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 576.45 ac.

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=13,500'
 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



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