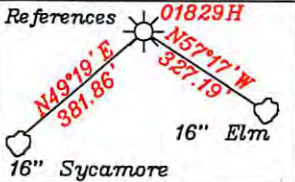


Top Hole 1,165'

Bottom Hole 8,594'

LATITUDE 39-45-00 N



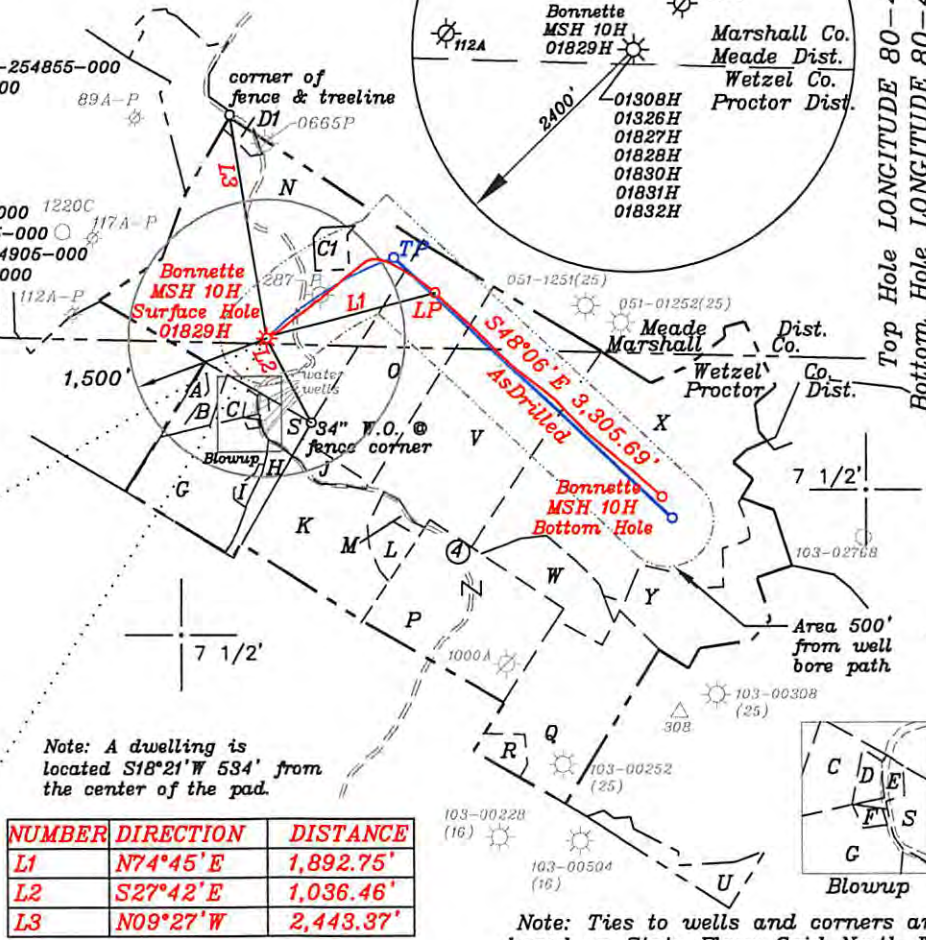
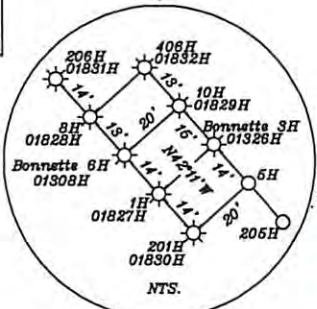
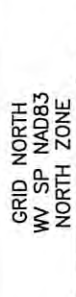
<b>Surface Hole</b>
UTM NAD 83(meters)-4396893.262 N. 624701.160 E
<b>LP</b>
UTM NAD 83(meters)-4397054.223 N. 525254.952 E
<b>Bottom Hole</b>
UTM NAD 83(meters)-4396394.071 N. 526015.699 E

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.

<b>Top Hole</b>
UTM NAD 83(meters)-4396893.2 N. 524701.3 E
<b>TP</b>
UTM NAD 83(meters)-4397142.5 N. 525145.3 E
<b>Bottom Hole</b>
UTM NAD 83(meters)-4396326.7 N. 526050.1 E

- 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
- 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 1.29 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 Ls No. 1-254855-000
- O = Fox 56 Ac. T.M. 4/1 Ls No. 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 = Fox 74.7 Ac. T.M. 4/2 Ls No.1-254904-000
- W = Blatt 22.1 Ac. T.M. 4/13 Ls No.1-254905-000
- X = Blatt 106.83 Ac. T.M. 4/3&4 Ls No.1-254906-000
- Y = Blatt 37 Ac. T.M. 4/14 Ls No.1-254836-000
- Cl = The Co. Comm. of Marshall Co. 3.143 Ac. T.M.22-8.1 Ls No.1-254855-000
- D1 = Klug 1 Ac. T.M.22-7



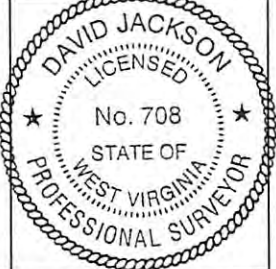
NUMBER	DIRECTION	DISTANCE
L1	N74°45'E	1,892.75'
L2	S27°42'E	1,036.46'
L3	N09°27'W	2,443.37'

Note: 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 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 March 1, 2016  
 OPERATOR'S WELL NO. Bonnette MSH 10H  
 API WELL NO. AsDrilled

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X

LOCATION: ELEVATION 1,427.5' 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 404.203 ac.

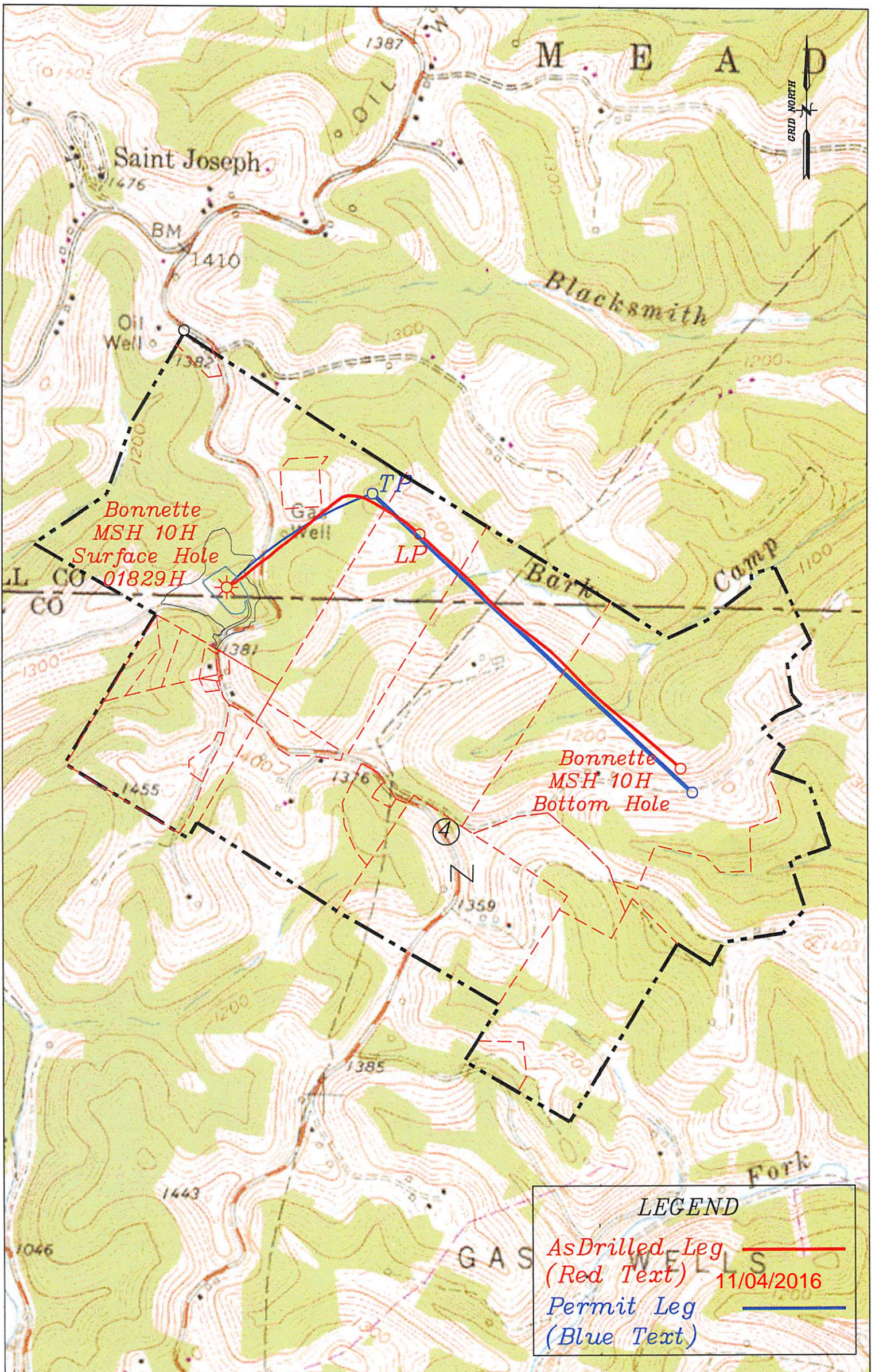
LEASE NO. \_\_\_\_\_ DATE 11/04/2016

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 TV D=7,139'; TMD=11,130'

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





Well: Bonnette MSH 10H  
 Quad: Wileyville 7 1/2'  
 District: Meade  
 County: Marshall

