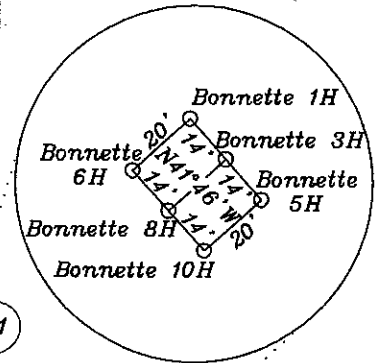
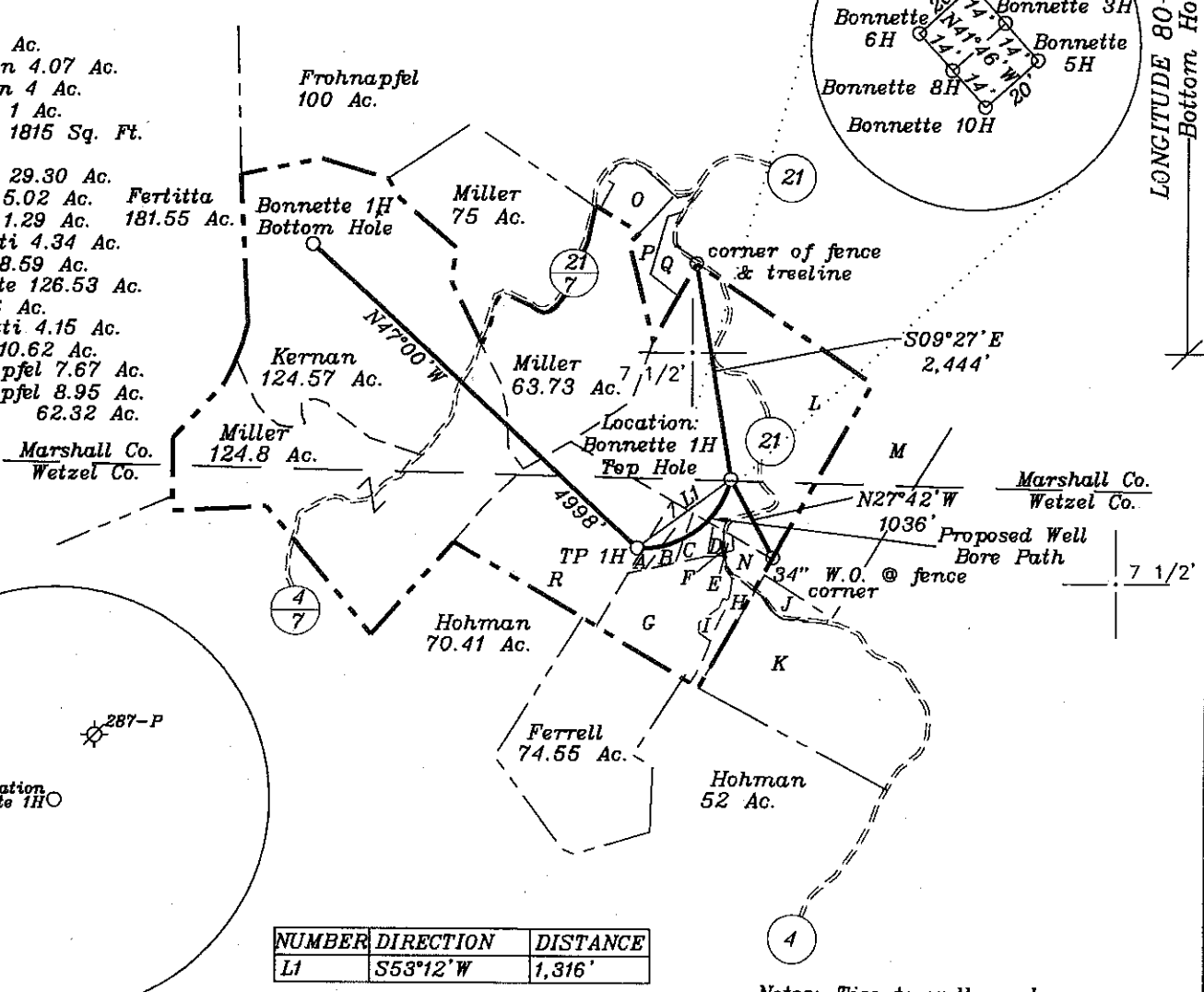


<b>Top Hole</b> NAD 27-39.721478 N, 80.711978 W State Plane NAD 27-447189.9 N. 1659094.4 E
<b>TP 1H</b> NAD 27-39.719275 N, 80.715684 W State Plane NAD 27-446401 N. 1658041 E
<b>Bottom Hole</b> NAD 27-39.728497 N, 80.728844 W State Plane NAD 27-449811 N. 1654385 E

- A = Ries 3 Ac.
- B = Hohman 4.07 Ac.
- C = Hohman 4 Ac.
- D = Ferrell 1 Ac.
- E = Ferrell 1815 Sq. Ft.
- F = p/o E
- G = Ferrell 29.30 Ac.
- H = Miller 5.02 Ac. Fertitta
- I = Ferrell 1.29 Ac. 181.55 Ac.
- J = Zombotti 4.34 Ac.
- K = Yoho 38.59 Ac.
- L = Bonnette 126.53 Ac.
- M = Fox 56 Ac.
- N = Zombotti 4.15 Ac.
- O = Miller 10.62 Ac.
- P = Frohnapfel 7.67 Ac.
- Q = Frohnapfel 8.95 Ac.
- R = Ries 62.32 Ac.

NORTH



LONGITUDE 80-42-30 W  
Bottom Hole 7,750'

Top Hole 10,308'

NUMBER	DIRECTION	DISTANCE
L1	S53°12'W	1,316'

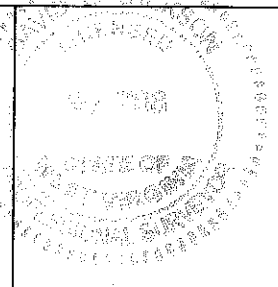
Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

(+) 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(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 27, 2010  
OPERATOR'S WELL NO. Bonnette  
API WELL NO. 831313

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ STATE COUNTY 47 - 051 - 01307H  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X PERMIT ADD-P-2  
LOCATION: ELEVATION 1,457' WATER SHED Whetstone Creek

**CANCELLED**

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 513.02 ac.

LEASE NO. TCO 26587, TCO 26374, TCO 31498, TCO 26533, TCO 26537, & 1-273241

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ 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 7,057' + Horizontal Leg  
WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT James E. Grey

ADDRESS P.O. Box 18496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362