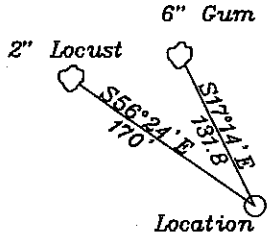


Top Hole 1,015'

Bottom Hole 9,050'

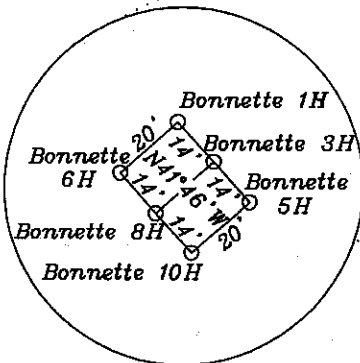
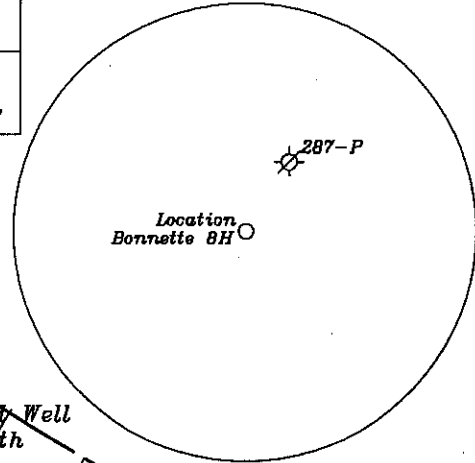
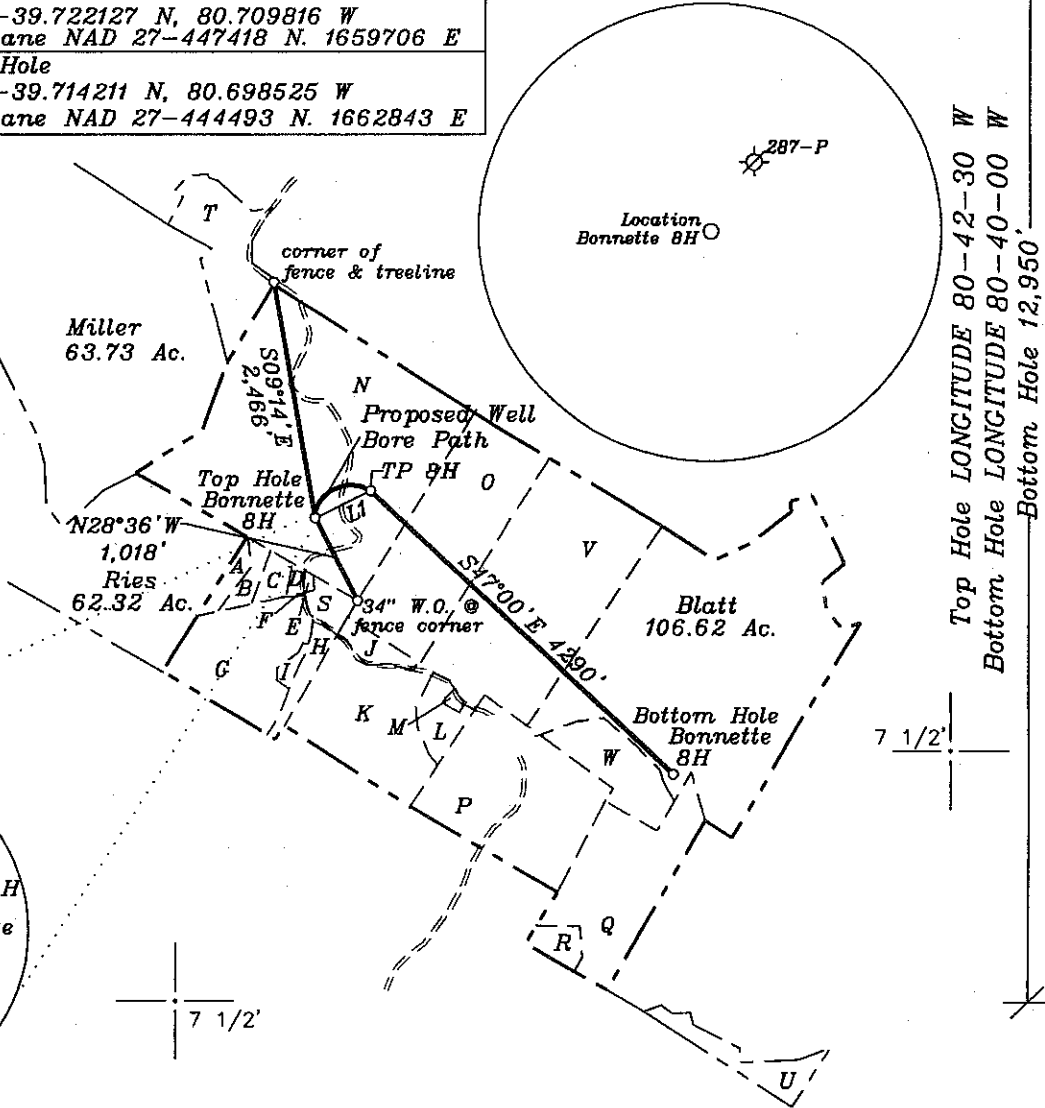
LATITUDE 39-45-00 N

References



Top Hole NAD 27-39.721412 N, 80.711996 W State Plane NAD 27-447166.2 N. 1659088.8 E
TP 8H NAD 27-39.722127 N, 80.709816 W State Plane NAD 27-447418 N. 1659706 E
Bottom Hole NAD 27-39.714211 N, 80.698525 W State Plane NAD 27-444493 N. 1662843 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.
- I = Ferrell 1.29 Ac.
- J = Zombotti 4.34 Ac.
- K = Yoho 38.59 Ac.
- L = Blatt 7.42 Ac.
- M = Herrick 0.65 Ac.
- N = Bonnette 126.53 Ac.
- O = Foz 56 Ac.
- P = Dulaney 52 Ac.
- Q = Klug 48 Ac.
- R = Estep 3.45 Ac.
- S = Zombotti 4.15 Ac.
- T = Miller 10.62 Ac.
- U = Scheibelhood 9.8 Ac.
- V = Foz 74.7 Ac.
- W = Blatt 22.1 Ac.



NORTH

Top Hole LONGITUDE 80-42-30 W
Bottom Hole LONGITUDE 80-40-00 W
Bottom Hole 12,950'
Top Hole 10,331'

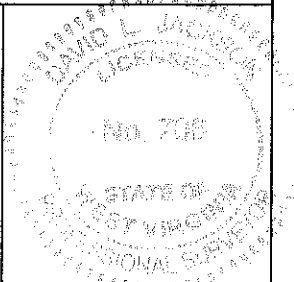
NUMBER	DIRECTION	DISTANCE
L1	N67°47' E	666'

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 25, 2010
OPERATOR'S WELL NO. Bonnette 1
API WELL NO. 831319
47 - 051 - 01309H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,457' WATER SHED Whetstone Creek
DISTRICT Meade COUNTY Marshall
QUADRANGLE Wileyville 7 1/2'

CANCELLED PERMIT MODIFIED

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 363.85 ac.

LEASE NO. 26587, 27441, 27442,
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION Marcellus ESTIMATED DEPTH 7057'+ 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