

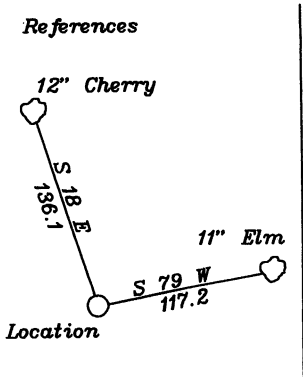
Top Hole 6,890'

Bottom Hole 7,900'  
LATITUDE 39-45-00 N

LONGITUDE 80-37-30 W

Bottom Hole 7,950'

Top Hole 9,520'



**Top Hole**  
WGS 84 Coordinates  
39.723728 N  
80.648955 W  
Geographic Coordinates  
NAD 27  
39.723648 N  
80.649147 W

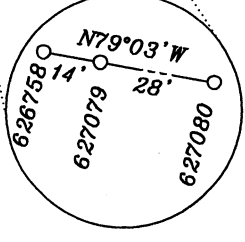
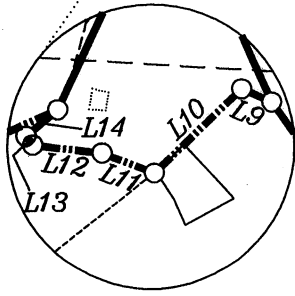
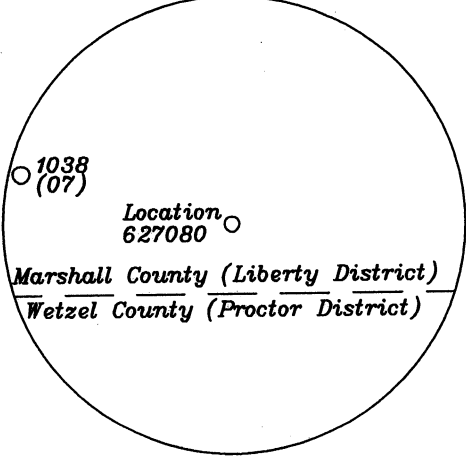
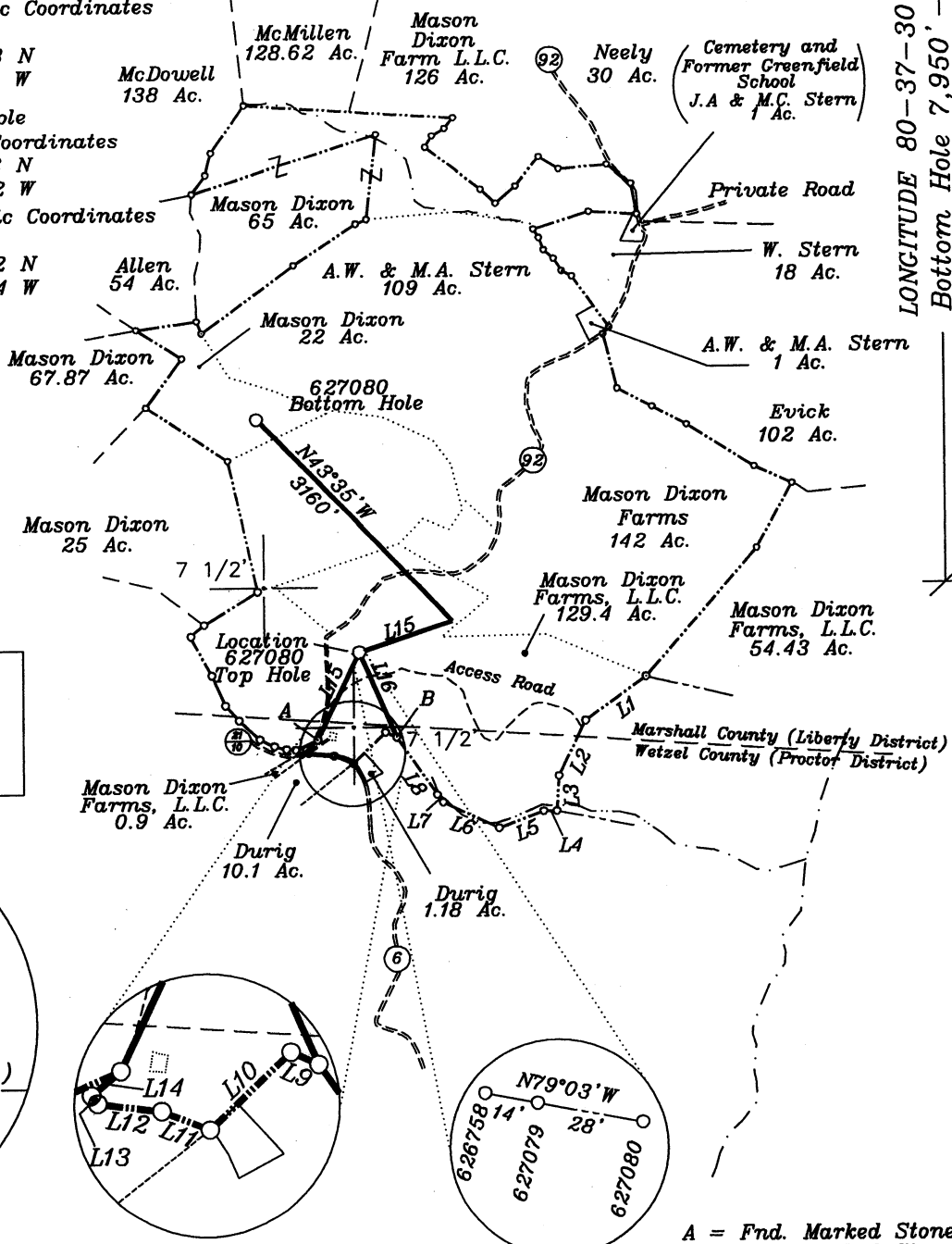
**Bottom Hole**  
WGS 84 Coordinates  
39.730772 N  
80.653502 W  
Geographic Coordinates  
NAD 27  
39.730692 N  
80.653694 W

| NUMBER | DIRECTION | DISTANCE |
|--------|-----------|----------|
| L1     | S53°00' W | 833'     |
| L2     | S23°30' W | 710'     |
| L3     | S01°00' E | 330'     |
| L4     | S89°00' W | 151'     |
| L5     | S68°46' W | 690'     |
| L6     | N58°30' W | 662'     |
| L7     | N38°00' W | 44'      |
| L8     | N33°00' W | 850'     |
| L9     | N68°00' W | 149'     |
| L10    | S46°00' W | 490'     |
| L11    | N69°00' W | 247'     |
| L12    | N82°00' W | 287'     |
| L13    | N36°30' W | 46'      |
| L14    | N50°30' E | 170'     |
| L15    | N71°47' E | 1098'    |
| L16    | N23°30' W | 1036'    |
| L17    | N71°47' E | 1098'    |

— LEGEND —

- Lease Lines
- - - Adjoining Property Line
- ..... Surface Tract Lines
- - - Stream & Boundary of Surface Tracts
- ..... Lines between 597 Ac. Tract & E. Wilson 37 Ac. Lease Tract

NORTH



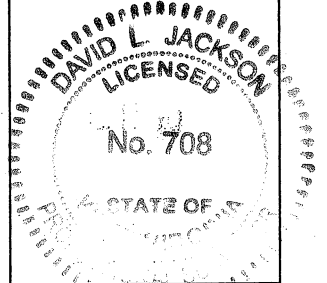
A = Fnd. Marked Stone  
B = Fnd. Marked Stone

(+) 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 August 21 2008  
OPERATOR'S WELL NO. 627080  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL STATE 47 051 01179-H CANCELLED PERMIT

(IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1,524' WATER SHED Valley Run and Laurel Run  
DISTRICT Liberty COUNTY Marshall  
QUADRANGLE Wileyville 7 1/2'

SURFACE OWNER Mason Dixon Farms, LLC ACREAGE 129.4 ac.  
OIL & GAS ROYALTY OWNER O.E. Burge, et al LEASE ACREAGE 186 ac  
LEASE NO. 26550, 27645, 26392

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 7,325' + Horizontal leg  
WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Michael John  
ADDRESS P.O. Box 6070 Charleston, WV 25362 ADDRESS P.O. Box 6070 Charleston, WV 25362