

Top Hole 3,832'

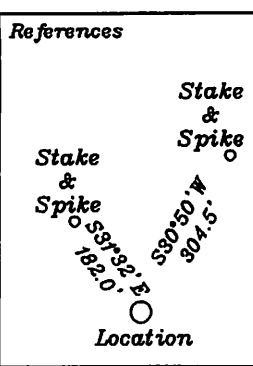
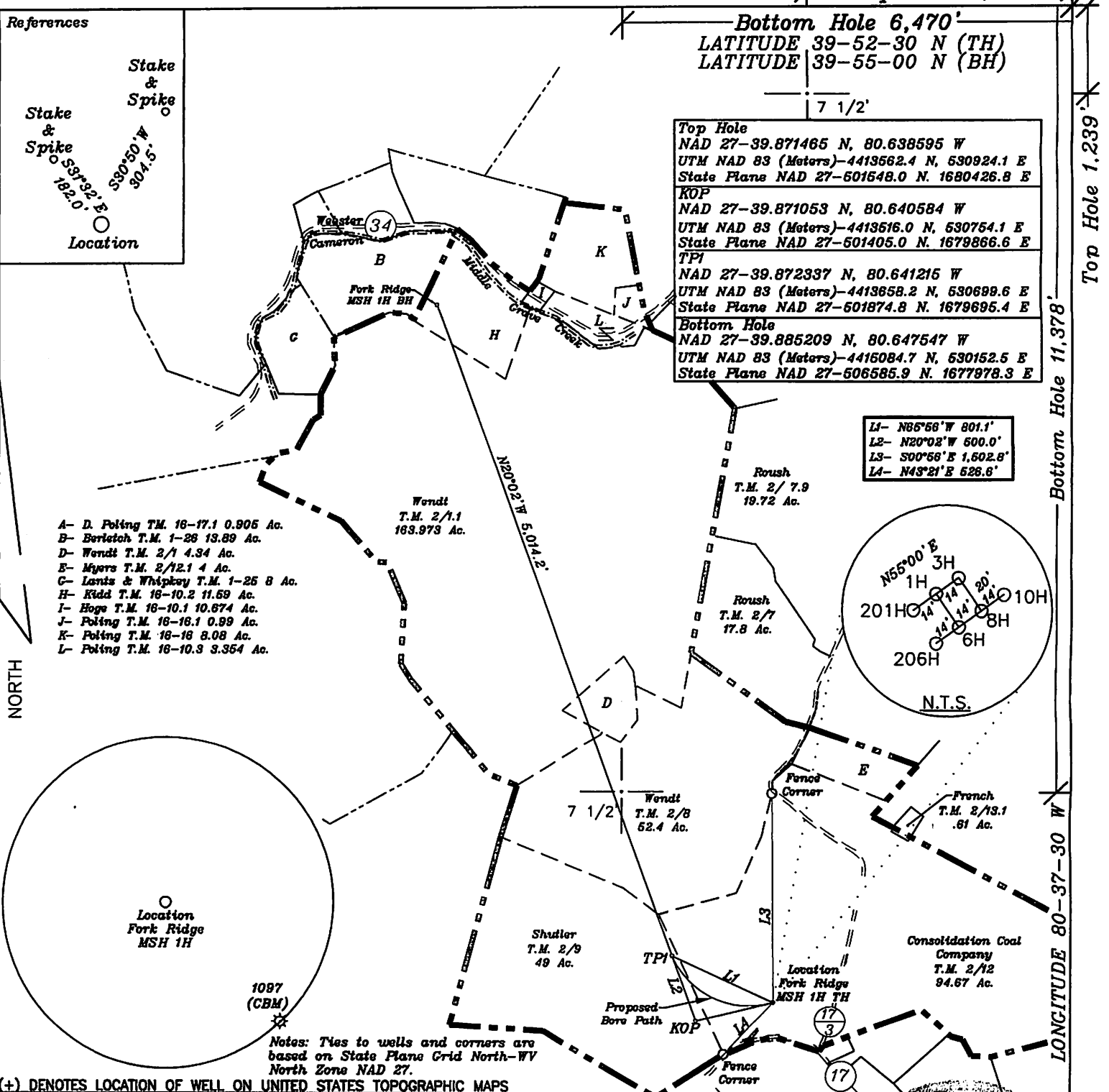
Bottom Hole 6,470'
 LATITUDE 39-52-30 N (TH)
 LATITUDE 39-55-00 N (BH)

7 1/2'

Top Hole 1,239'

Bottom Hole 11,378'

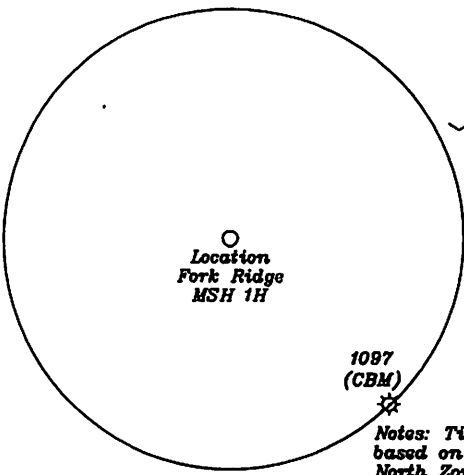
LONGITUDE 80-37-30 W



Top Hole
NAD 27-39.871465 N, 80.638595 W
UTM NAD 83 (Meters)-4413662.4 N, 530924.1 E
State Plane NAD 27-601648.0 N, 1680426.8 E
KOP
NAD 27-39.871053 N, 80.640584 W
UTM NAD 83 (Meters)-4413616.0 N, 530764.1 E
State Plane NAD 27-601405.0 N, 1679866.6 E
TPI
NAD 27-39.872337 N, 80.641216 W
UTM NAD 83 (Meters)-4413658.2 N, 530699.6 E
State Plane NAD 27-601874.8 N, 1679695.4 E
Bottom Hole
NAD 27-39.885209 N, 80.647547 W
UTM NAD 83 (Meters)-4416084.7 N, 530152.5 E
State Plane NAD 27-606585.9 N, 1677978.3 E

- A- D. Poling T.M. 16-17.1 0.906 Ac.
- B- Beritch T.M. 1-28 13.89 Ac.
- D- Wendit T.M. 2/1 4.34 Ac.
- E- Myers T.M. 2/12.1 4 Ac.
- G- Lantz & Whipkey T.M. 1-25 8 Ac.
- H- Kidd T.M. 16-10.2 11.59 Ac.
- I- Hoge T.M. 16-10.1 10.674 Ac.
- J- Poling T.M. 16-16.1 0.99 Ac.
- K- Poling T.M. 16-18 8.08 Ac.
- L- Poling T.M. 16-10.3 3.354 Ac.

NORTH

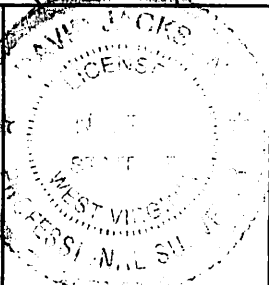


Notes: Ties to walls and corners are based on State Plane Grid North-WV North Zone NAD 27.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 2500
 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 Jackson
 R.P.E. _____ L.L.S. 708



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE November 27, 2012
 OPERATOR'S WELL NO. Fork Ridge MSH 1H
 API WELL NO. _____

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL STATE 47 COUNTY 51 PERMIT 01611 H64
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1391' WATER SHED Middle Grave Creek
 DISTRICT Cameron COUNTY Marshall
 QUADRANGLE Glen Easton 7 1/2' (TH) Moundsville 7 1/2' (BH)

SURFACE OWNER Consolidation Coal Company ACREAGE 94.67
 OIL & GAS ROYALTY OWNER Consolidation Coal Company LEASE ACREAGE 470.343 ac.
 LEASE NO. 1-284746-001 to 003(TM2/12), 1-284746-001 to 004(TM2/9&8), 1-286490-000(TM2/1), 1-286494-000
 LEASE NO. (TM2/1.1), Bk. 699/179(TM16/10.2)

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 6,813'+ Horizontal Leg, TMD 12,147'
 WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Eric B. Gillespie
 ADDRESS P.O. Box 18496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362