

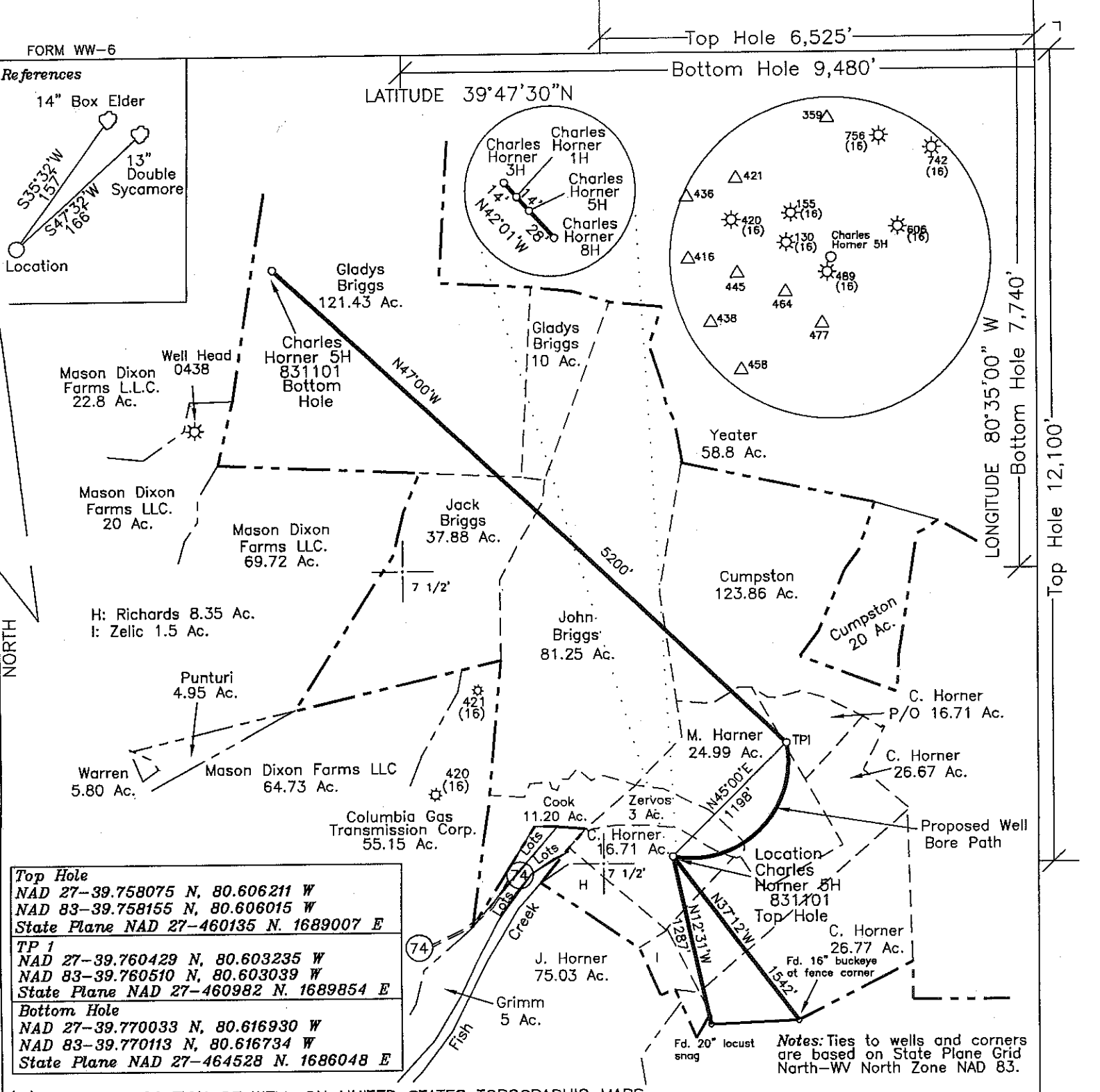
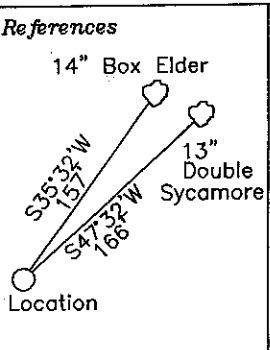
Top Hole 6,525'

Bottom Hole 9,480'

LATITUDE 39°47'30"N

LONGITUDE 80°35'00" W

Top Hole 12,100'



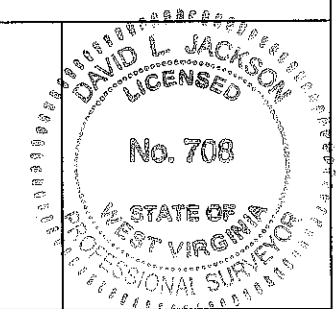
<b>Top Hole</b>
NAD 27-39.758075 N, 80.606211 W
NAD 83-39.758155 N, 80.606015 W
State Plane NAD 27-460135 N, 1689007 E
<b>TP 1</b>
NAD 27-39.760429 N, 80.603235 W
NAD 83-39.760510 N, 80.603039 W
State Plane NAD 27-460982 N, 1689854 E
<b>Bottom Hole</b>
NAD 27-39.770033 N, 80.616930 W
NAD 83-39.770113 N, 80.616734 W
State Plane NAD 27-464528 N, 1686048 E

Notes: 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" = 1000'  
 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 26, 2009  
 OPERATOR'S WELL NO. Charles Horner 5H 831101  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ STATE 47 COUNTY 051 PERMIT 01313H  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 773' WATER SHED Fish Creek  
 DISTRICT Liberty COUNTY Marshall  
 QUADRANGLE Cameron 7 1/2'  
 SURFACE OWNER Charles E. Horner & Delorse A. Horner, Life Estate ACREAGE 16.71 Ac.  
 OIL & GAS ROYALTY OWNER Charles Horner et al LEASE ACREAGE 409.12 Ac.

**CANCELLED**

LEASE NO. 1241162, 1235785, 1237974, 1254966, 1254732, & 1254788  
 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 7,122' + 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

02/10/2012