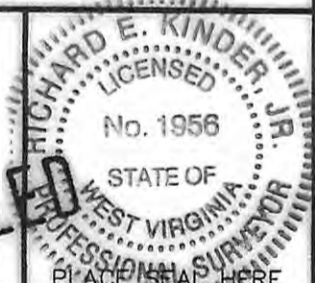


<p>PROPOSED NCEE 1133 HS TOP HOLE</p> <p>NAD 27 STATE PLANE COORDINATES WV SOUTH N. 697096 E. 1840474 LAT. 38-54-46.9 LONG. 81-33-38.2</p>	<p>REFERENCES</p> <p>16" SYCAMORE N 89° W 89.0'</p> <p>12" THIN SYCAMORE S 40° W 157.0'</p>
<p>PROPOSED NCEE 1133 HS BOTTOM HOLE</p> <p>NAD 27 STATE PLANE COORDINATES WV SOUTH N. 694621 E. 1842948 LAT. 38-54-22.6 LONG. 81-33-06.7</p>	

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

FILE NO. 08064
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION GPS OBSERVATION

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 ENVIRONMENTAL PROTECTION.
 (SIGNED) _____
 R.P.E. _____ I.L.S. 7936



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE AUGUST 12, 2008
 OPERATOR'S WELL NO. NCEE 1133 HS
 API WELL NO. 47-035-02932H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 704.8 WATERSHED WASHBURN RUN
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE LIVERPOOL 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND IV LTD. PARTNERSHIP ACREAGE 680.21
 OIL & GAS ROYALTY OWNER MEADWESTVACO CORPORATION ET.AL. LEASE ACREAGE 1085.5
 LEASE NO. _____

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 LOWER MURON ESTIMATED DEPTH TVD: 4320
 WELL OPERATOR EXCO - NORTH COAST ENERGY EASTERN DESIGNATED AGENT SHARON BARTH
 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 ADDRESS 707 VIRGINIA STREET EAST CHARLESTON, WV 25311

TMD: 7719
 TVD: 4320
 07/19/2013

COUNTY NAME
 PERMIT