

<p><b>PROPOSED NCEE 1092 HS TOP HOLE</b></p> <p>NAD 27 STATE PLANE COORDINATES          WV SOUTH          N. 627612          E. 1770076          LAT. 38-43-14.9          LONG. 81-48-21.1</p>	<p><b>REFERENCES</b></p> <p>6" SASSAFRASS</p> <p>N 19° E 122.5'</p> <p>S 87° E 71.2'</p> <p>24" BLACK OAK</p>
<p><b>BOTTOM HOLE</b></p> <p>NAD 27 STATE PLANE COORDINATES          WV SOUTH          N. 625726          E. 1772965          LAT. 38-42-56.5          LONG. 81-47-44.4</p>	

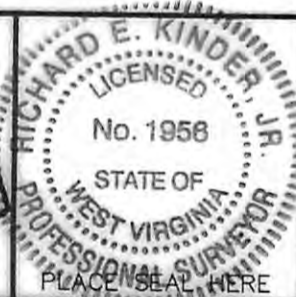
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 08072  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 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. \_\_\_\_\_



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



DATE JULY 23, 20 08  
 OPERATOR'S WELL NO. NCEE 1092 HS  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 819.1 WATERSHED EIGHTENMILE CREEK  
 DISTRICT RIPLEY COUNTY JACKSON  
 QUADRANGLE ELMWOOD 7.5'

47 - 035 - 02915 H  
 STATE COUNTY PERMIT

SURFACE OWNER CURTIS HILL ACREAGE 119.5  
 OIL & GAS ROYALTY OWNER CURTIS HILL ET. AL. LEASE ACREAGE \_\_\_\_\_  
 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 HURON

ESTIMATED DEPTH TMD: 7,230'  
TVD: 4,158'

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 25314

07/19/2013

COUNTY NAME  
 PERMIT