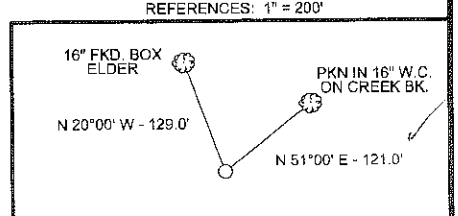


SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 718,823.37 : E - 1,830,776.70	
LATITUDE: (N) 38.9725094 LONGITUDE: (W) 81.5951697	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,313,903.293 : E - 448,456.320	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 715,905.80 : E - 1,833,797.93	
LATITUDE: (N) 38.9645520 LONGITUDE: (W) 81.5844794	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,313,014.275 : E - 449,376.745	

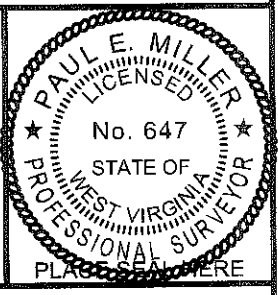


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. HR-468A.DGN
 DRAWING NO. HR-468A
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION MAPPING GRADE GPS

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) Paul E. Miller
 R.P.E. _____ L.L.S. 647



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



DATE MAY 31, 20 12
 OPERATOR'S WELL NO. HR-468A
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 616' WATER SHED LEFT FORK OF SANDY CREEK
 DISTRICT GRANT COUNTY JACKSON
 QUADRANGLE LIVERPOOL, WV 7.5'
 SURFACE OWNER DENNIS W. & DIANE M. HART ACREAGE 55
 OIL & GAS ROYALTY OWNER Hart, Hart, States, Louper LEASE ACREAGE 210.3
 LEASE NO. _____
 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 LOWER HURON ESTIMATED DEPTH 8000' TMD; 4050' TUD
 WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
 ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

COUNTY NAME
 PERMIT

FORM WW-6

08/03/2012

