

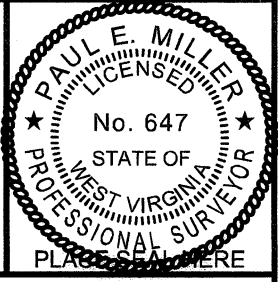
NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 703,700.07 : E - 1,830,351.76
LATITUDE: (N) 38.9309802 LONGITUDE: (W) 81.5963219
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,309,295.521 : E - 448,326.346
BOTTOM HOLE
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 704,752.543 : E - 1,827,013.756
LATITUDE: (N) 38.9338013 LONGITUDE: (W) 81.6080792
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,309,616.290 : E - 447,309.331

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

FILE NO.	HR-456Rev.DGN
DRAWING NO.	HR-456A
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) *[Signature]*
R.P.E. _____ L.L.S. 647



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

DATE SEPTEMBER 14, 20 11
OPERATOR'S WELL NO. HR-456A
API WELL NO. _____

47 035 02999H
STATE COUNTY PERMIT
Revised

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 644' WATER SHED TURKEY FORK OF LEFT FORK OF SANDY CREEK
DISTRICT RAVENSWOOD COUNTY JACKSON
QUADRANGLE LIVERPOOL, WV 7.5'

SURFACE OWNER DWIGHT L. & LORI A. ANDERSON ACREAGE 169.5
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
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 _____
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

FORM WW-6

COUNTY NAME
PERMIT

09/30/2011