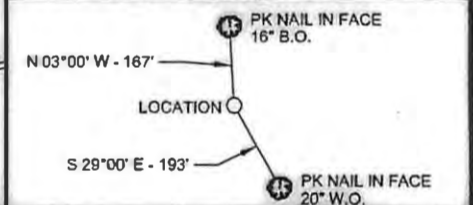


WELL SITE
 STATE PLANE WV
 SOUTH ZONE NAD 1927
 N - 526,315.10 : E - 1,643,528.80
 LATITUDE: (N) 38°26'20"
 LONGITUDE: (W) 82°14'41"



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

FILE NO. HR-419B.DGN
 DRAWING NO. HR-419B
 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 MARCH 05, 2010
 OPERATOR'S WELL NO. HR-419B
 API WELL NO. 47 011 00990

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

LOCATION: ELEVATION 675' WATER SHED LITTLE CABELL CREEK OF MUD RIVER
 DISTRICT BARBOURSVILLE COUNTY CABELL
 QUADRANGLE MILTON, WV 7.5'

SURFACE OWNER LARRY J. & LINDA K. PITTMAN ACREAGE 49.35
 OIL & GAS ROYALTY OWNER LARRY J. & LINDA K. PITTMAN LEASE ACREAGE 49.35
 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 DEVONIAN SHALE ESTIMATED DEPTH _____
 WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
 ADDRESS 2034 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

COUNTY NAME
 PERMIT

07/26/2013