

SURFACE HOLE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 671,423.79 : E - 1,881,100.74 LATITUDE: (N) 38.8431234 LONGITUDE: (W) 81.4174287 UTM, NAD83 17 - 84W TO 78W, METERS N - 4,299,460.323 : E - 463,788.003
BOTTOM HOLE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 675,125.65 : E - 1,881,958.79 LATITUDE: (N) 38.8532981 LONGITUDE: (W) 81.4144744 UTM, NAD83 17 - 84W TO 78W, METERS N - 4,300,588.196 : E - 464,049.513

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

FILE NO. HR-492A.DGN
 DRAWING NO. HR-492
 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 DECEMBER 12, 20 12
 OPERATOR'S WELL NO. HR-492A
 API WELL NO. _____

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

LOCATION: ELEVATION 699' WATER SHED _____ LEFT FORK OF REEDY CREEK
 DISTRICT CURTIS COUNTY _____ ROANE
 QUADRANGLE PENIEL, WV 7.5'

SURFACE OWNER BENJAMIN R. & ANDREA S. HAYS ACREAGE 202.26
 OIL & GAS ROYALTY OWNER Grudier, Foster LEASE ACREAGE 202.26
 LEASE NO. _____

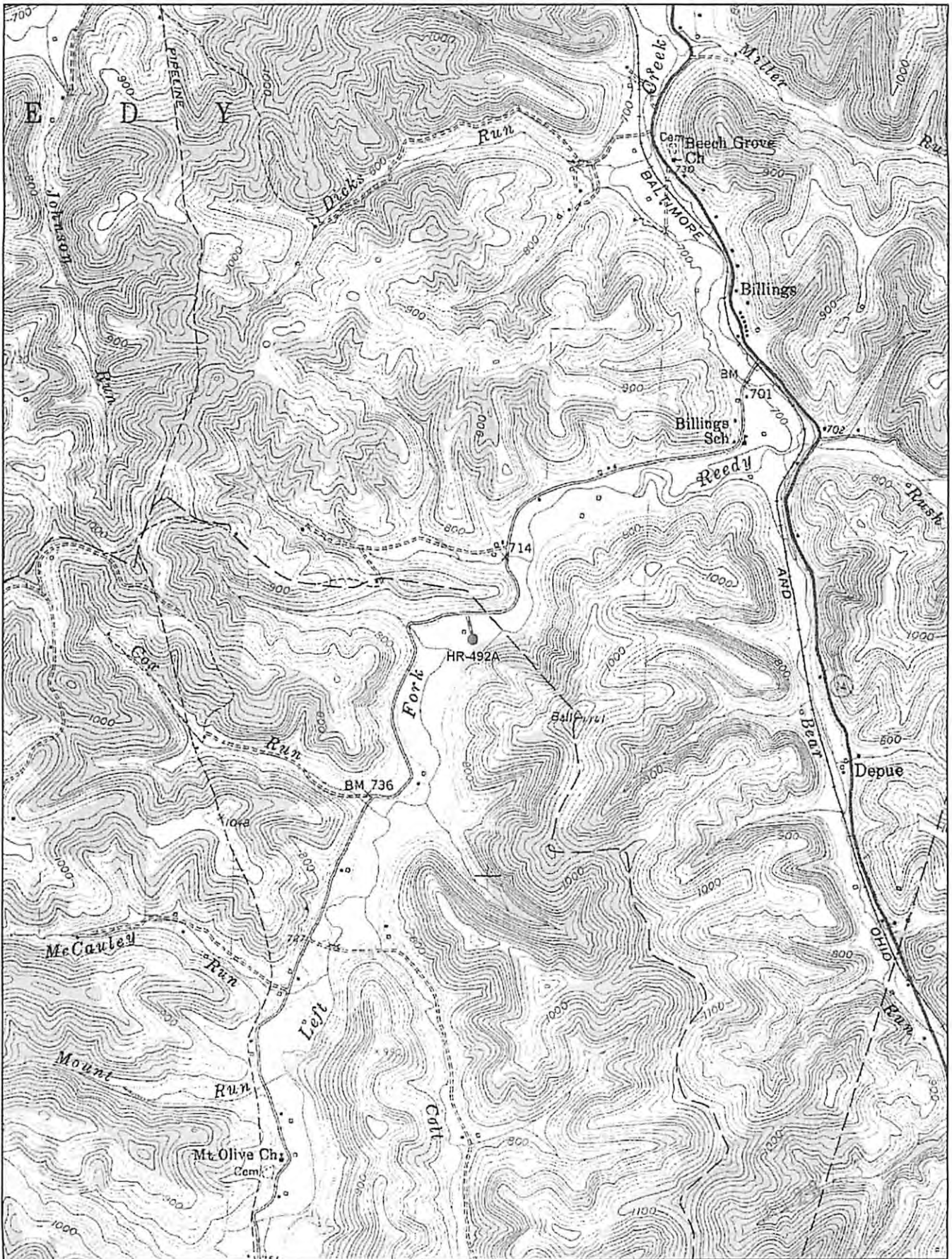
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION LOWER HURON ESTIMATED DEPTH 1975' MD; 4205' TVD
 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

08/22/2013



DELORME

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Zoom Level: 14-0 Datum: NAD27

Scale 1 : 24,000
1" = 2,000 ft

