

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 663,456.84 : E - 1,880,626.03
LATITUDE: (N) 38°49'16" LONGITUDE: (W) 81°25'08"
BOTTOM HOLE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 665,285.04 : E - 1,883,006.09
LATITUDE: (N) 38°49'35" LONGITUDE: (W) 81°24'38"

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

FILE NO. HR-417A.DGN
 DRAWING NO. HR-417A
 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

REFERENCES: 1" = 400'

PK NAIL IN FACE 8" CRABAPPLE

LOCATION

PK NAIL IN FACE 36" MAP

N 07°00' E - 160'
 S 26°00' W - 173'

PAUL E. MILLER
 LICENSED
 No. 647
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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

DATE AUGUST 16, 20 11
 OPERATOR'S WELL NO. HR-417A
 API WELL NO. _____

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

LOCATION: ELEVATION 760' WATER SHED COLT RUN OF LEFT FORK OF REEDY CREEK
 DISTRICT CURTIS COUNTY ROANE
 QUADRANGLE PENIEL, WV 7.5'

SURFACE OWNER WILLIAM J. PERRINE, JR. ACREAGE 283
 OIL & GAS ROYALTY OWNER WILLIAM J. PERRINE, JR., MARY KATHERINE JONES LEASE ACREAGE 283
 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

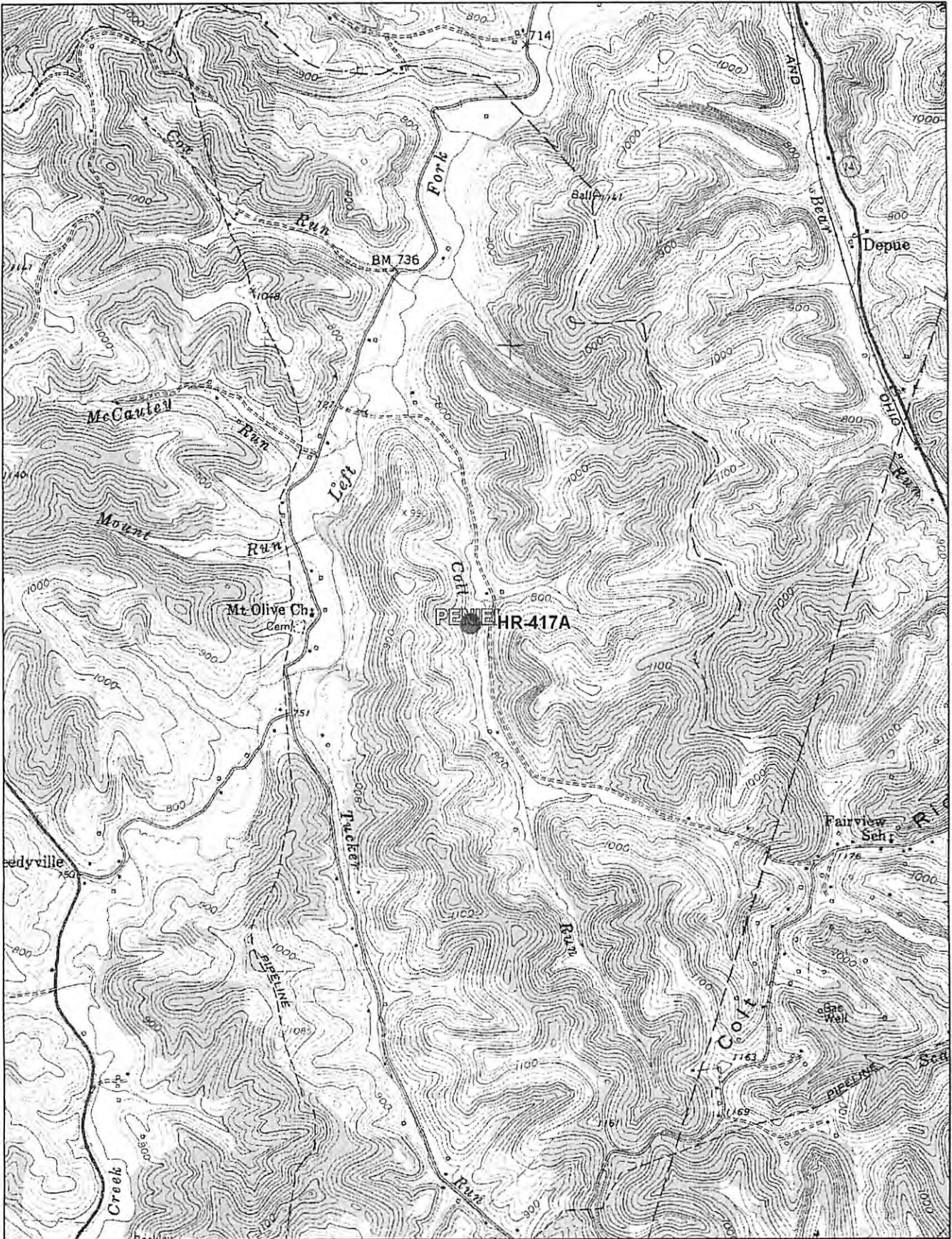
TARGET FORMATION LOWER HURON ESTIMATED DEPTH 6935' MD; 4910' TUD

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



DeLORME

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Zoom Level: 13-0 Datum: NAD27

Scale 1 : 25,000
1" = 2,083 ft

