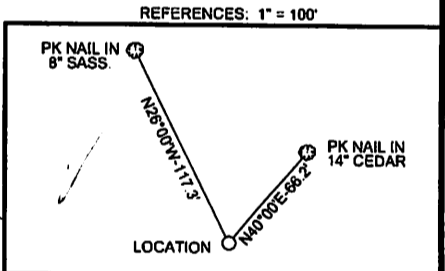


SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 660,195.76 : E - 1,829,847.39	
LATITUDE: (N) 38.8115244 LONGITUDE: (W) 81.5971096	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,296,040.349 : E - 448,171.378	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 663,229.67 : E - 1,830,022.07	
LATITUDE: (N) 38.8198577 LONGITUDE: (W) 81.5965651	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,296,964.748 : E - 448,224.684	

NOTE:
LOCATION IS LOCATED 206' WEST OF A 1 1/2 FRAME HOUSE; A HAND DUG WELL USED FOR STOCK WATERING IS LOCATED 357' EAST OF THE LOCATION AND A DRILLED WELL IS LOCATED 409' EAST OF THE PROPOSED WELL LOCATION SITE ALL OF WHICH IS LOCATED ON THE CURRENT SURFACE OWNER

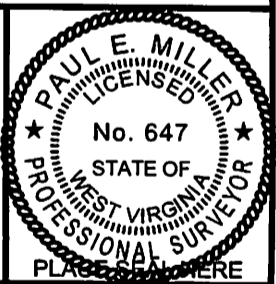


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. HR467A.DGN
 DRAWING NO. HR-467
 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 SEPTEMBER 07, 20 12
 OPERATOR'S WELL NO. HR-467A
 API WELL NO. _____

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

LOCATION: ELEVATION 970' WATER SHED LITTLE MILL CREEK
 DISTRICT WASHINGTON COUNTY JACKSON
 QUADRANGLE GAY, WV 7.5'

SURFACE OWNER CHERYL E. STICKMAN ACREAGE 80
 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) _____

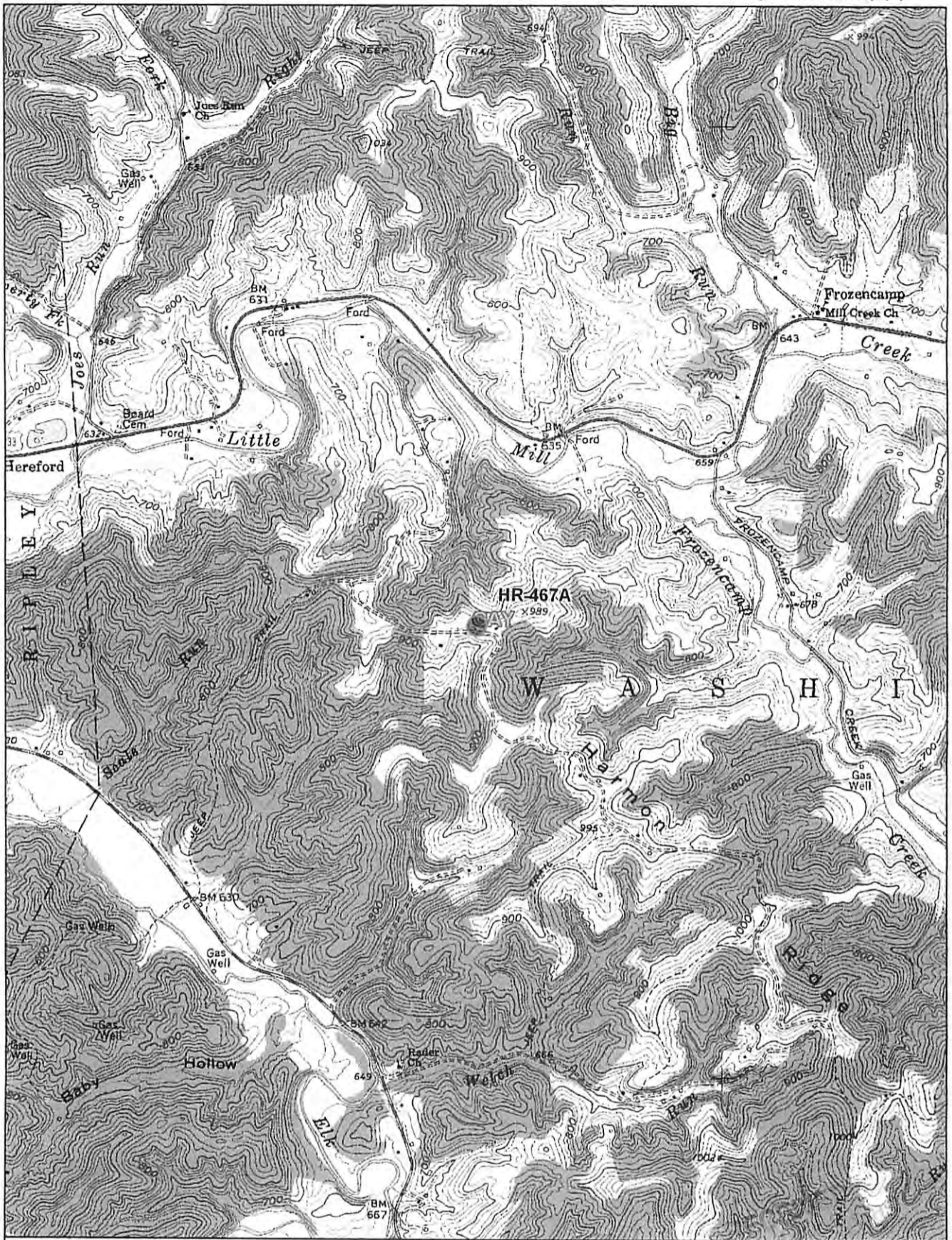
PLUG AND ABANDON CLEAN OUT AND REPLUG

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

10/26/2012



DeLORME

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

