

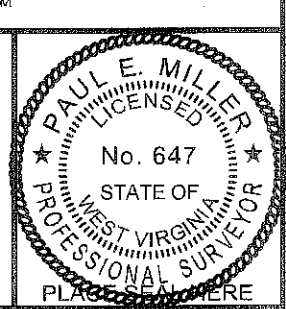
SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 712,885.63 : E - 1,838,706.50	
LATITUDE: (N) 38.9563437 LONGITUDE: (W) 81.5671529	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,312,093.944 : E - 450,872.216	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 708,839.01 : E - 1,838,531.54	
LATITUDE: (N) 38.9452305 LONGITUDE: (W) 81.5676810	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,310,861.025 : E - 450,818.781	

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

FILE NO. HR-459A.DGN
 DRAWING NO. HR-459
 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 JUNE 20 REV. 20 12
 OPERATOR'S WELL NO. HR-459A
 API WELL NO. _____

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

LOCATION: ELEVATION 1060' WATER SHED HORNER RUN OF TURKEY FORK
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE LIVERPOOL, WV 7.5'

SURFACE OWNER CLARENCE & LORETTA McCOY/MARK & REBECCA McCOY ACREAGE 95
 OIL & GAS ROYALTY OWNER McLoy, McLoy; Howard LEASE ACREAGE 204.79; 140
 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 8750' TMD; 4500' TVD
 WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEVENS
 ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

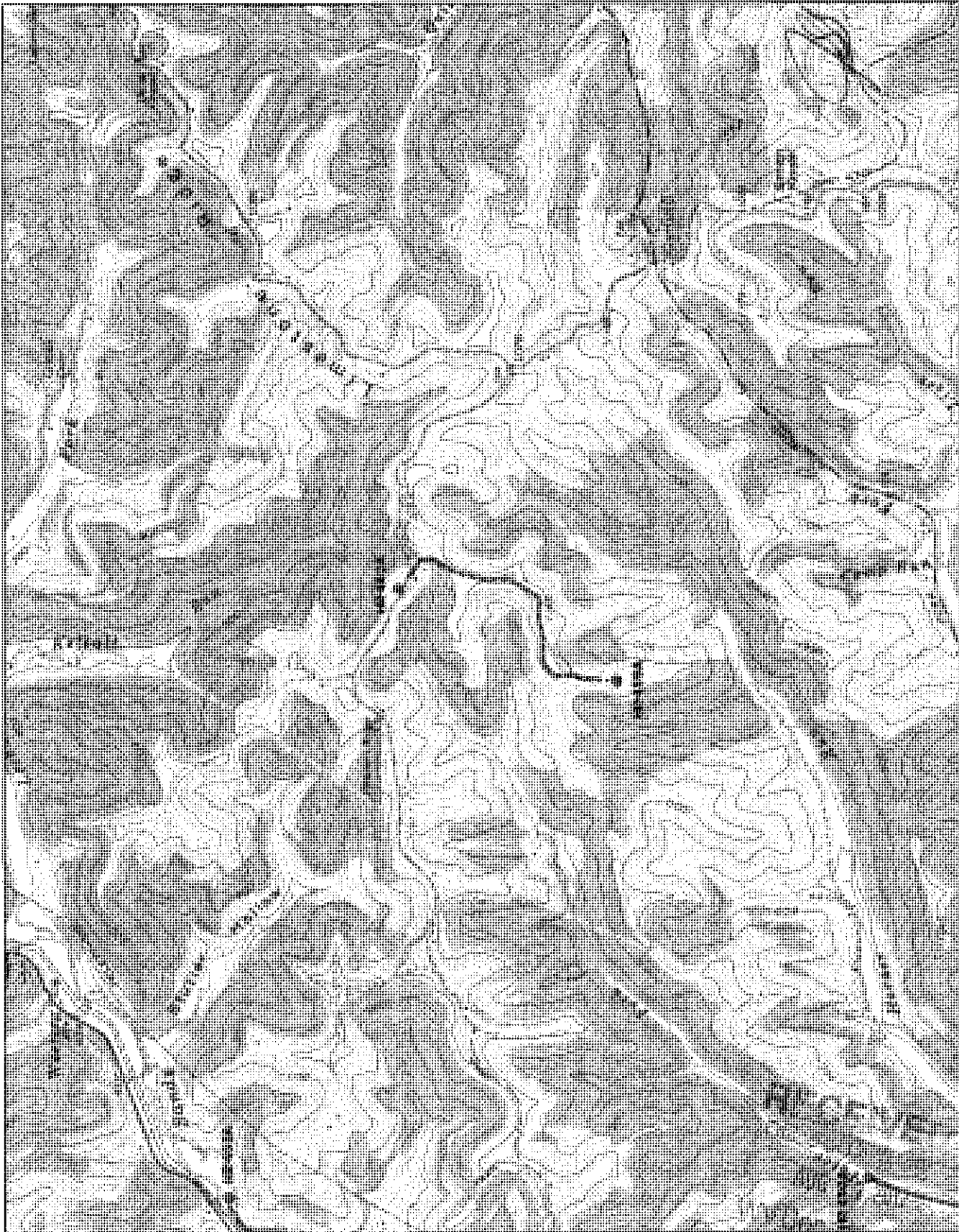
FORM WW-6

COUNTY NAME

PERMIT

09/14/2012

35-03011



2,000 ft

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Scale: 1 : 24,000 Zoom Level: 14-0 Datum: NAD27 Map Rotation: 0° Magnetic Declination: 7.2°W

Department of Environmental Protection