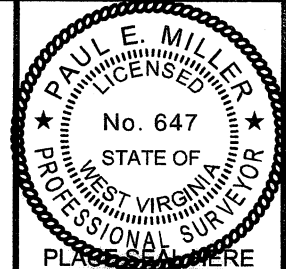


SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 644,195.24 : E - 1,750,256.94	
LATITUDE: (N) 38.7658554 LONGITUDE: (W) 81.8758685	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,291,167.249 : E - 423,919.515	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 647,480.61 : E - 1,751,090.20	
LATITUDE: (N) 38.7748975 LONGITUDE: (W) 81.8730549	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,292,168.295 : E - 424,173.537	

FILE NO.	HR-1003A.DGN
DRAWING NO.	HR-1003A
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 OCTOBER 12, 20 11
OPERATOR'S WELL NO. HR-1003A
API WELL NO. _____

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

LOCATION: ELEVATION 918' WATER SHED YEAGER FORK OF THIRTEENMILE CREEK OF KANAWHA RIVER
DISTRICT COLOGNE UNION UNION COUNTY MASON
QUADRANGLE MOUNT ALTO. WV 7.5'

SURFACE OWNER DENVER & LURA CASTO ACREAGE 16.10
OIL & GAS ROYALTY OWNER DENVER & LURA CASTO LEASE ACREAGE 16.10, 7.22, 50, 34.9, 110
LEASE NO. _____

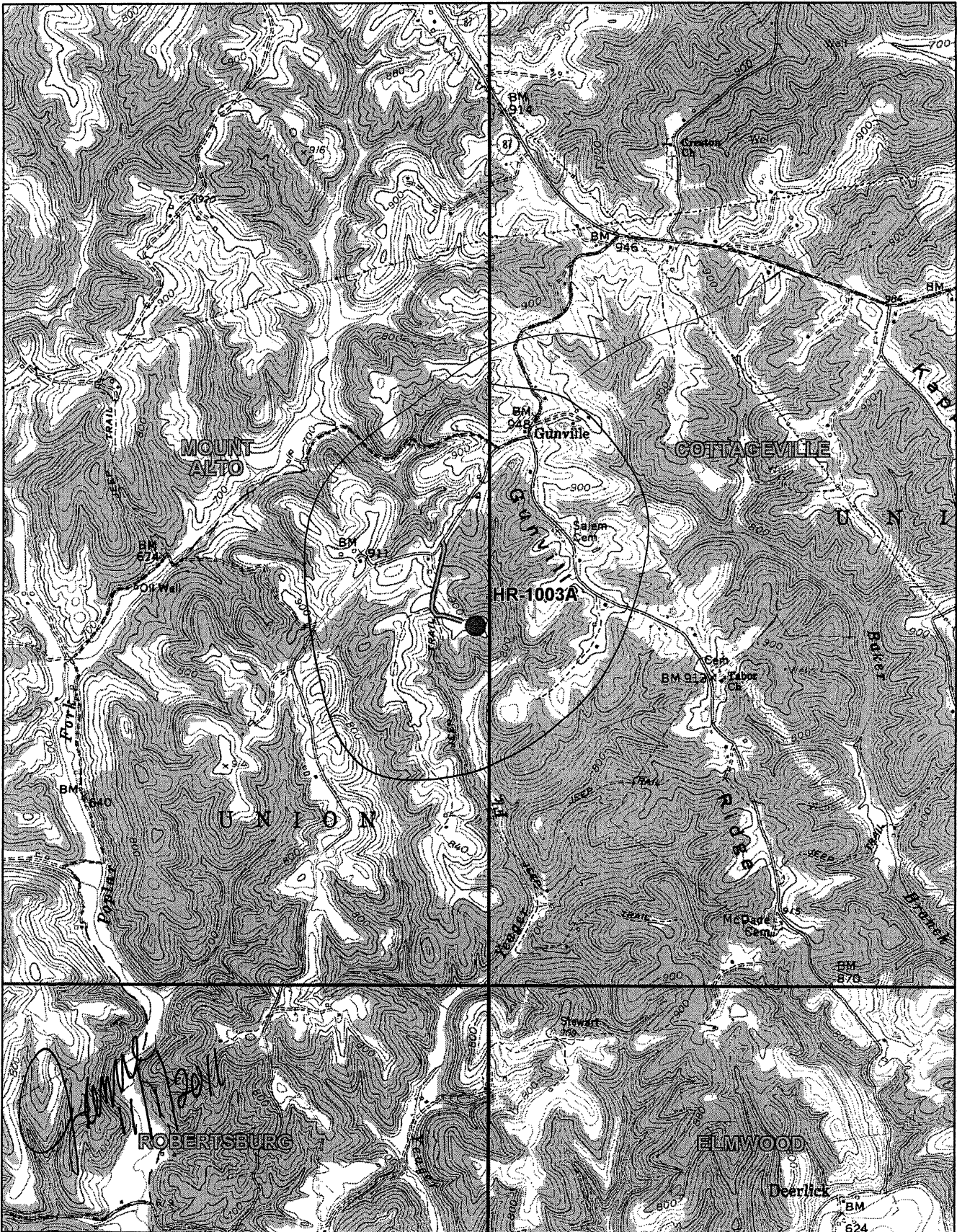
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION LOWER HURON ESTIMATED DEPTH 7300' MD, 4040' TVD
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
ADDRESS 1244 MARTIN BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

FORM WW-6

COUNTY NAME
PERMIT



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 Zoom Level: 13-0 Datum: NAD27

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

