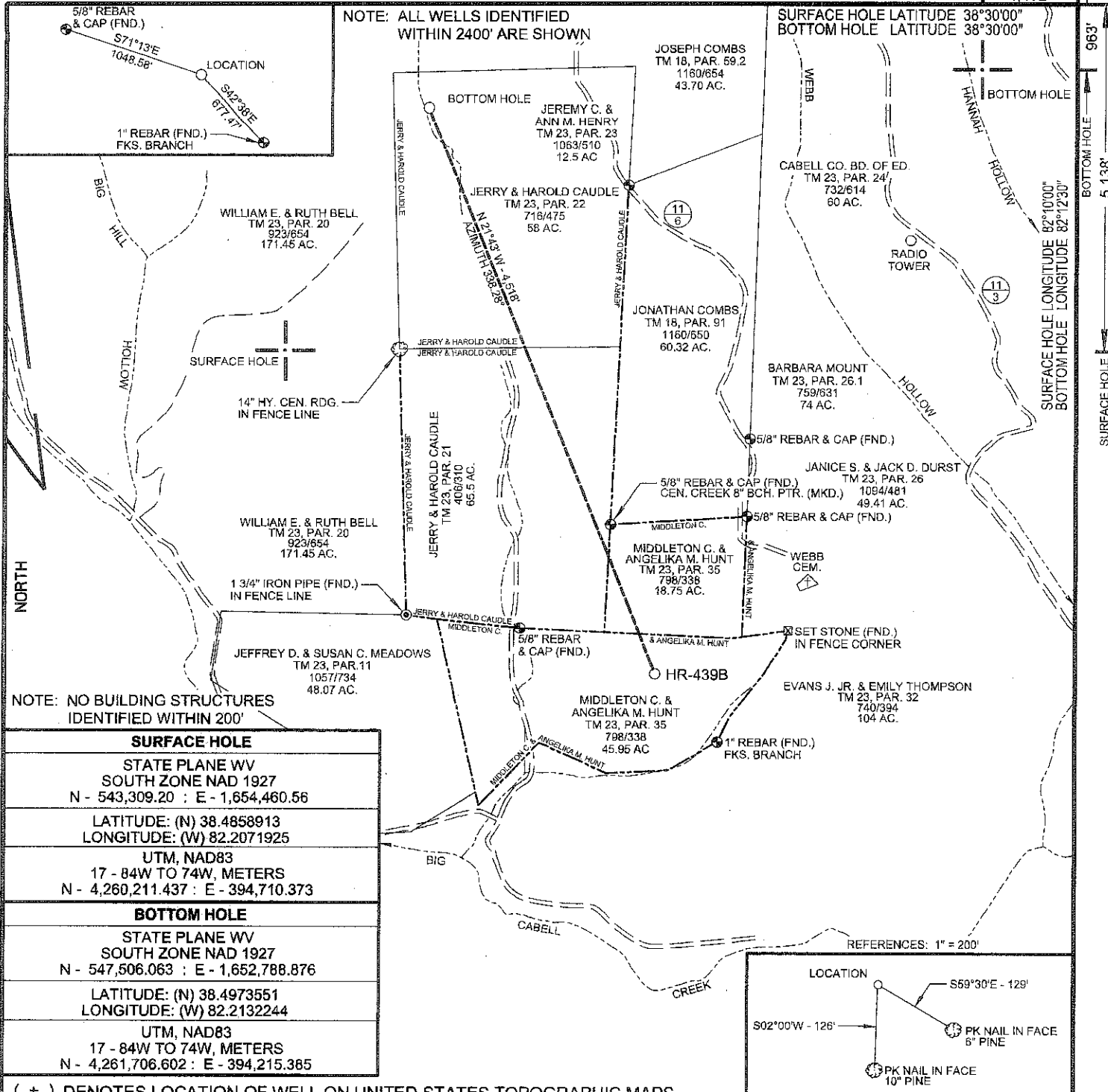


SURFACE HOLE ← 11,600'

→ 1,402' BOTTOM HOLE

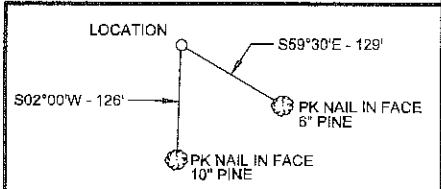


NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

SURFACE HOLE LATITUDE 38°30'00"  
BOTTOM HOLE LATITUDE 38°30'00"

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

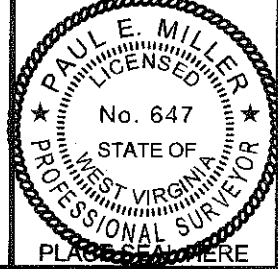
SURFACE HOLE	
STATE PLANE WV	SOUTH ZONE NAD 1927
N - 543,309.20	E - 1,654,460.56
LATITUDE: (N) 38.4858913	LONGITUDE: (W) 82.2071925
UTM, NAD83	
17 - 84W TO 74W, METERS	N - 4,260,211.437 ; E - 394,710.373
BOTTOM HOLE	
STATE PLANE WV	SOUTH ZONE NAD 1927
N - 547,506.063	E - 1,652,788.876
LATITUDE: (N) 38.4973551	LONGITUDE: (W) 82.2132244
UTM, NAD83	
17 - 84W TO 74W, METERS	N - 4,261,706.602 ; E - 394,215.385



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

FILE NO. HR-439B.DGN  
 DRAWING NO. HR-439B REV.  
 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 JANUARY 03, 20 12  
 OPERATOR'S WELL NO. HR-439B  
 API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 898' WATER SHED  TRIBUTARY OF BIG CABELL CREEK OF MUD RIVER  
 DISTRICT \_\_\_\_\_ UNION \_\_\_\_\_ COUNTY CABELL  
 QUADRANGLE MILTON, WV 7.5'

SURFACE OWNER MIDDLETON C. & ANGELIKA M. HUNT ACREAGE 45.95  
 OIL & GAS ROYALTY OWNER MIDDLETON C. & ANGELIKA M. HUNT LEASE ACREAGE 71.70  
 LEASE NO. 346060

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

**02/10/2012**

FORM WW-6

COUNTY NAME  
PERMIT