

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

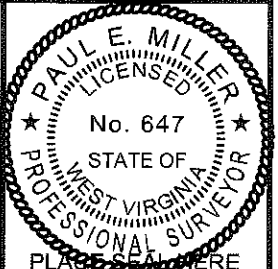
SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 702,286.71 : E - 1,873,898.47	
LATITUDE: (N) 38.9277702 LONGITUDE: (W) 81.4432321	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,308,863.778 : E - 461,594.288	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 699,093.96 : E - 1,875,997.22	
LATITUDE: (N) 38.9190315 LONGITUDE: (W) 81.4358025	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,307,890.972 : E - 462,233.658	

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

FILE NO.	HR-477A.DGN
DRAWING NO.	HR-477
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

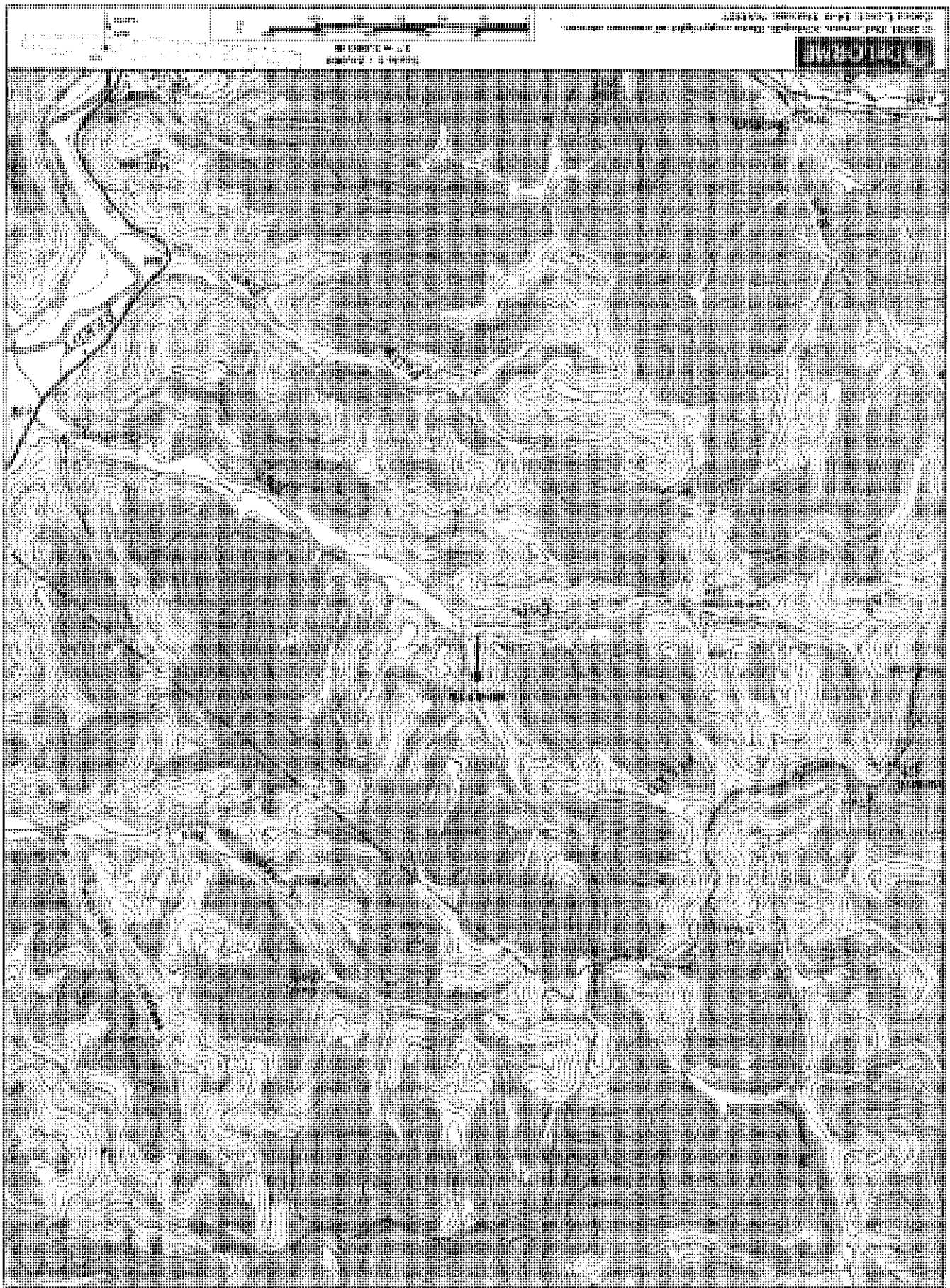


STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION		DATE <u>JUNE 20</u> REV. <u> </u> , 20 <u>12</u>	
		OPERATOR'S WELL NO. <u>HR-477A</u>	
		API WELL NO. <u>47 087 04719H</u>	
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>		STATE	COUNTY
(IF "GAS,") PRODUCTION <input type="checkbox"/> STORAGE <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>			PERMIT
LOCATION: ELEVATION <u>727'</u> WATER SHED <u>BRITTON RUN OF CAIN RUN</u>			
DISTRICT <u>REEDY</u> COUNTY <u>ROANE</u>			
QUADRANGLE <u>REEDY, WV 7.5'</u>			
SURFACE OWNER <u>KENNETH V. WOOD, BEVERLY A. NAPPI, JAMES A. WOOD, PAUL A. WOOD, RICHARD E. WOOD, DAVID E. WOOD</u> ACREAGE <u>81</u>			
OIL & GAS ROYALTY OWNER <u>Nappi, Wood, Wood, Wood, Ledson, Brock - AIF for Wood, Levasseur, Hatmaker</u> LEASE ACREAGE <u>225.28</u>			
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) <u> </u>			
PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/>			
TARGET FORMATION <u>LOWER HURON</u> ESTIMATED DEPTH <u>7930' TMD, 4370' TVD</u>			
WELL OPERATOR <u>HARD ROCK EXPLORATION, INC.</u> DESIGNATED AGENT <u>JAMES L. STEVENS</u>			
ADDRESS <u>1244 MARTINS BR. RD., CHARLESTON, WV 25312</u> ADDRESS <u>SAME</u>			

FORM WV-6

COUNTY NAME
PERMIT

08/03/2012



H 61470-48