



SURFACE HOLE	BOTTOM HOLE	REFERENCES: 1" = 500'
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 686,437.08 : E - 1,860,894.51	STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 687,179.89 : E - 1,857,781.91	
LATITUDE: (N) 38.8840737 LONGITUDE: (W) 81.4886449	LATITUDE: (N) 38.8860676 LONGITUDE: (W) 81.4995926	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,304,035.019 : E - 457,631.834	UTM, NAD83 17 - 84W TO 78W, METERS N - 4,304,261.413 : E - 456,683.495	

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

FILE NO. <u>HR-448A.DGN</u> DRAWING NO. <u>HR-448A</u> SCALE <u>1" = 1000'</u> MINIMUM DEGREE OF ACCURACY <u>1:200</u> PROVEN SOURCE OF ELEVATION <u>MAPPING GRADE GPS</u>	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) <u><i>Paul E. Miller</i></u> R.P.E. _____ L.L.S. <u>647</u>	
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STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION		DATE <u>AUGUST 11</u> , 20 <u>11</u> OPERATOR'S WELL NO. <u>HR-448A</u> API WELL NO. <u>47 087 04711 H</u> STATE <u>47</u> COUNTY <u>087</u> PERMIT <u>04711 H</u>
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF "GAS,") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>		
LOCATION: ELEVATION <u>777'</u> WATER SHED <u>KNIGHT RUN OF SEAMAN FORK</u> DISTRICT <u>REEDY</u> COUNTY <u>ROANE</u> QUADRANGLE <u>REEDY, WV 7.5'</u>		
SURFACE OWNER <u>RODERIC E. & RONDA J. MOORE</u> ACREAGE <u>377.38</u> OIL & GAS ROYALTY OWNER <u>PROMETHEUS IRROVOCABLE TRUST - GORDON HARLOW</u> LEASE ACREAGE <u>311</u> LEASE NO. _____		
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) _____		
PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/> TARGET FORMATION <u>LOWER HURON</u> ESTIMATED DEPTH <u>7700' MD; 4572' TVD</u> WELL OPERATOR <u>HARD ROCK EXPLORATION, INC.</u> DESIGNATED AGENT <u>JAMES L. STEPHENS</u> ADDRESS <u>1244 MARTINS BR. RD., CHARLESTON, WV 25312</u> ADDRESS <u>SAME</u>		

FORM WW-6

COUNTY NAME
PERMIT

