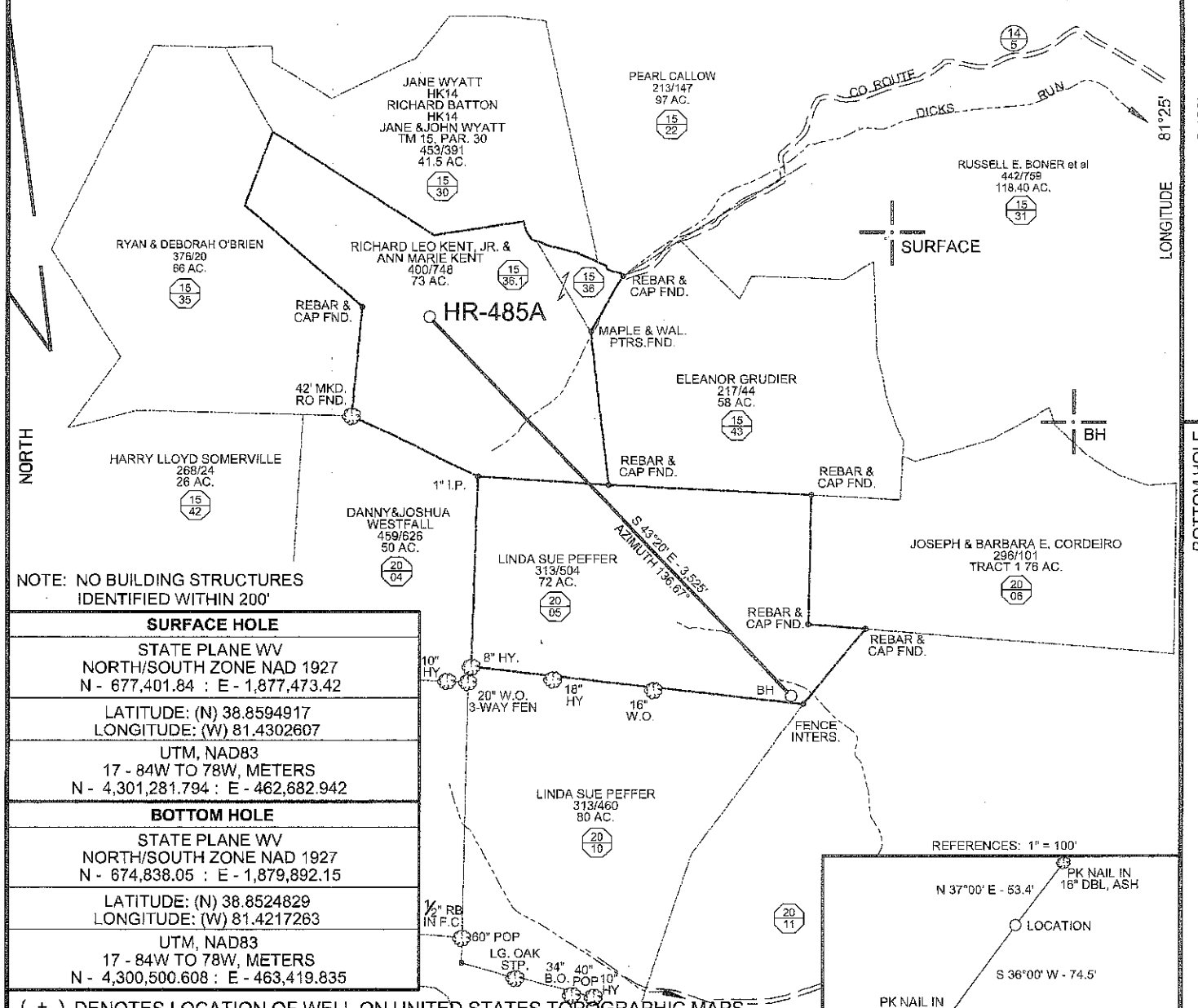
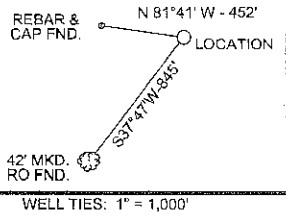


BOTTOM HOLE -1,447-

LATITUDE 38°52'30"

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 677,401.84 : E - 1,877,473.42	
LATITUDE: (N) 38.8594917 LONGITUDE: (W) 81.4302607	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,301,281.794 : E - 462,682.942	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 674,838.05 : E - 1,879,892.15	
LATITUDE: (N) 38.8524829 LONGITUDE: (W) 81.4217263	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,300,500.608 : E - 463,419.835	

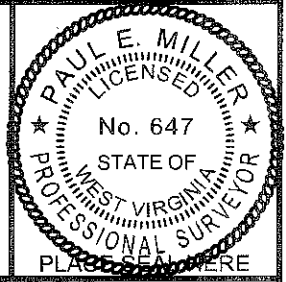
( + ) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.	HR-485A.DGN
DRAWING NO.	HR-485A
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



FORM WW-6

COUNTY NAME

PERMIT

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION



DATE JUNE 22, 2012  
OPERATOR'S WELL NO. HR-485A  
API WELL NO. \_\_\_\_\_  
STATE 47 COUNTY 087 PERMIT 047254

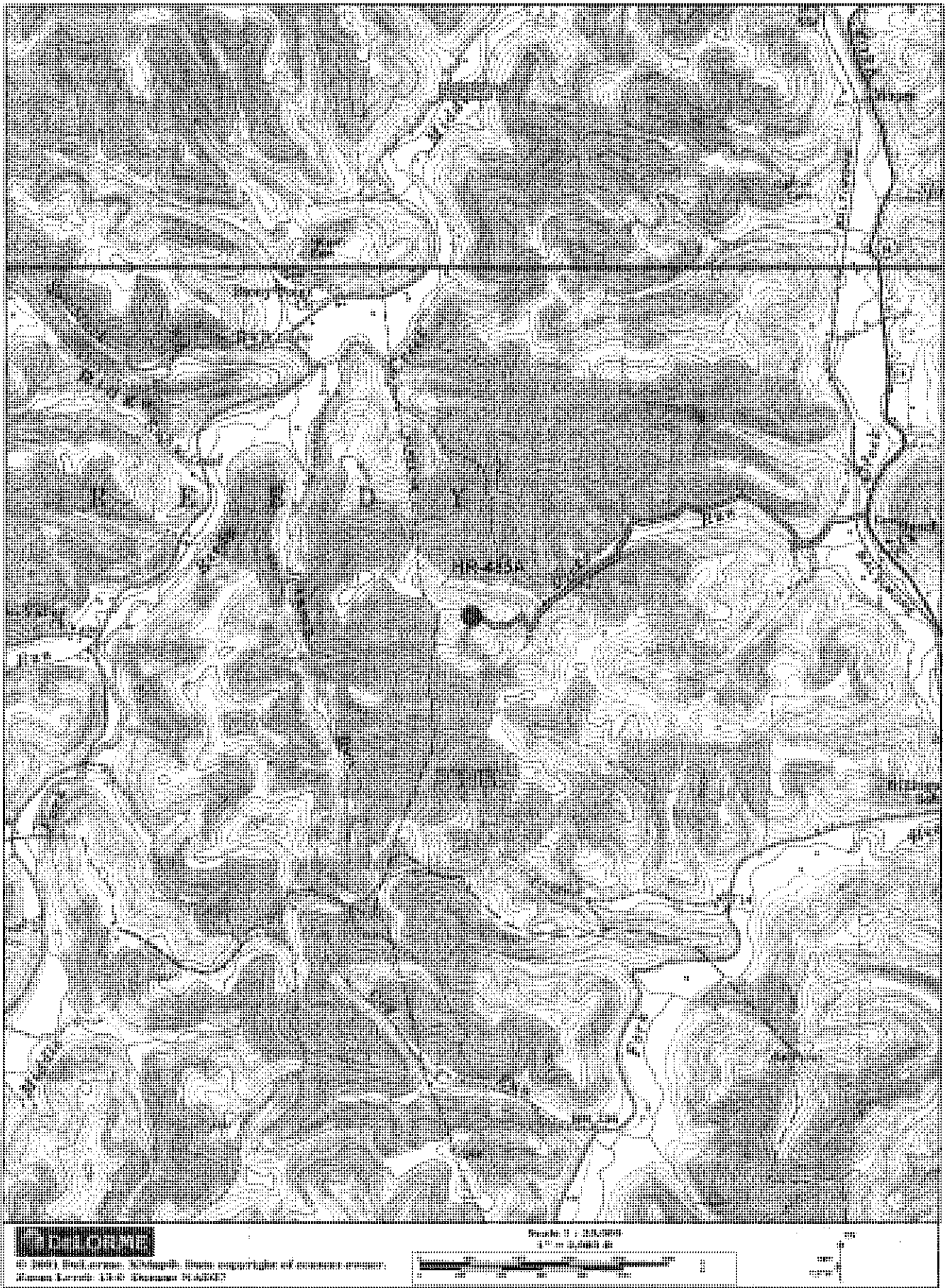
WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1004' WATER SHED DICKS RUN OF REEDY CREEK  
DISTRICT REEDY COUNTY ROANE  
QUADRANGLE PENIEL

SURFACE OWNER RICHARD LEO KENT, JR. & ANN MARIE KENT ACREAGE 73  
OIL & GAS ROYALTY OWNER *Potts, Potts, Bumgarner, Grudier, Felt* LEASE ACREAGE 79.72  
LEASE NO. \_\_\_\_\_

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

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION LOWER HURON ESTIMATED DEPTH 7920' TMD, 4660' TVD  
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS  
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

09/14/2012



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