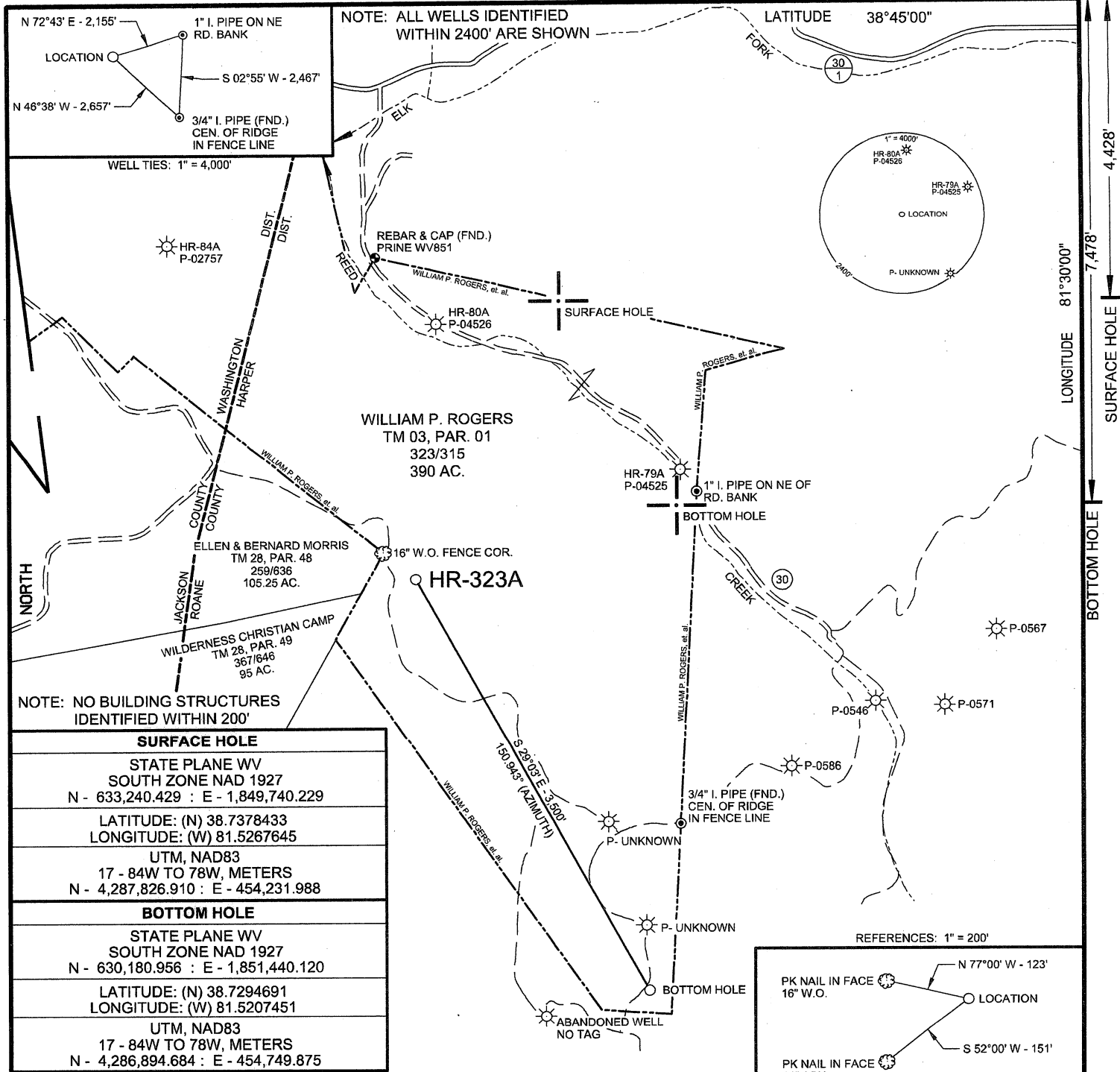


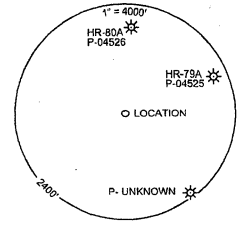
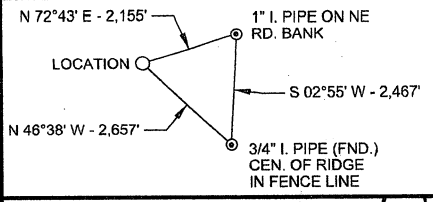
SURFACE HOLE 1,535' | BOTTOM HOLE 5,918'



NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

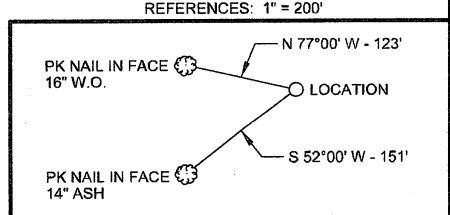
LATITUDE 38°45'00"

LONGITUDE 81°30'00"



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927	
N - 633,240.429	E - 1,849,740.229
LATITUDE: (N) 38.7378433	
LONGITUDE: (W) 81.5267645	
UTM, NAD83	
17 - 84W TO 78W, METERS	
N - 4,287,826.910	E - 454,231.988
BOTTOM HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927	
N - 630,180.956	E - 1,851,440.120
LATITUDE: (N) 38.7294691	
LONGITUDE: (W) 81.5207451	
UTM, NAD83	
17 - 84W TO 78W, METERS	
N - 4,286,894.684	E - 454,749.875



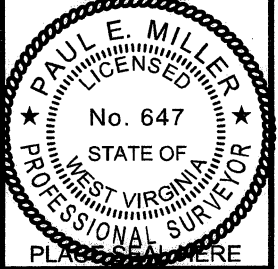
REFERENCES: 1" = 200'

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

FILE NO.	HR-323A REV.DGN
DRAWING NO.	HR-323A
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 AUGUST 10, 20 11
OPERATOR'S WELL NO. HR-323A
API WELL NO. _____

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

LOCATION: ELEVATION 970' WATER SHED REED CREEK OF ELK FORK
DISTRICT HARPER COUNTY ROANE
QUADRANGLE KENTUCK, WV 7.5'

SURFACE OWNER WILLIAM P. ROGERS ACREAGE 390
OIL & GAS ROYALTY OWNER WILLIAM P. ROGERS, et al. LEASE ACREAGE 390
LEASE NO. WILLIAM P. ROGERS, et al.

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 7800' MD; 4520' TVD

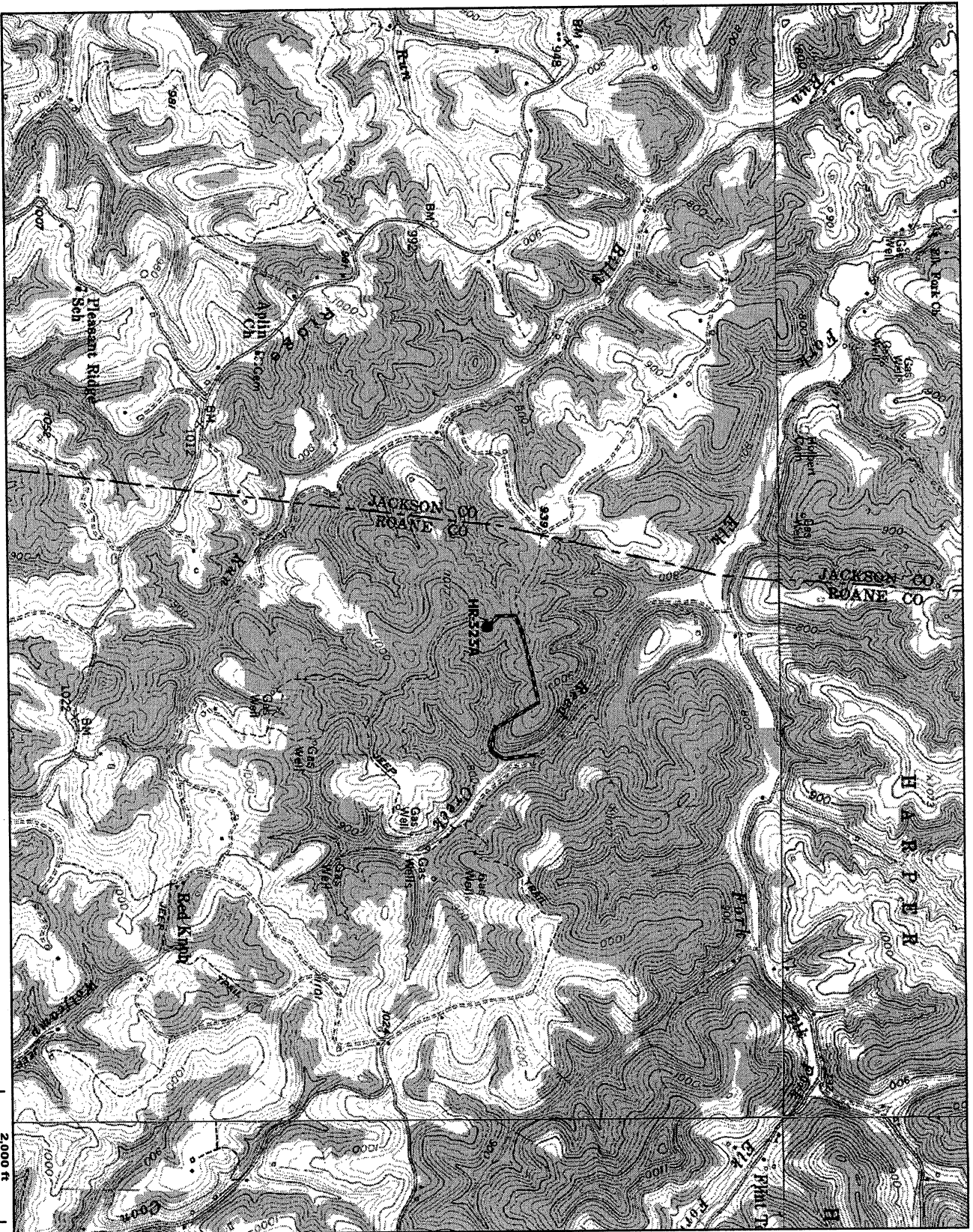
WELL OPERATOR HARD ROCK EXPLORATION DESIGNATED AGENT JAMES L. STEPHENS
ADDRESS 1244 MARTINS BRANCH RD. CHARLESTON, WV. 25312 ADDRESS SAME

09/23/2011

FORM WW-6

COUNTY NAME

PERMIT



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Scale: 1 : 24,000 Zoom Level: 14.0 Datum: NAD27 Map Rotation: 0° Magnetic Declination: 7.1°W