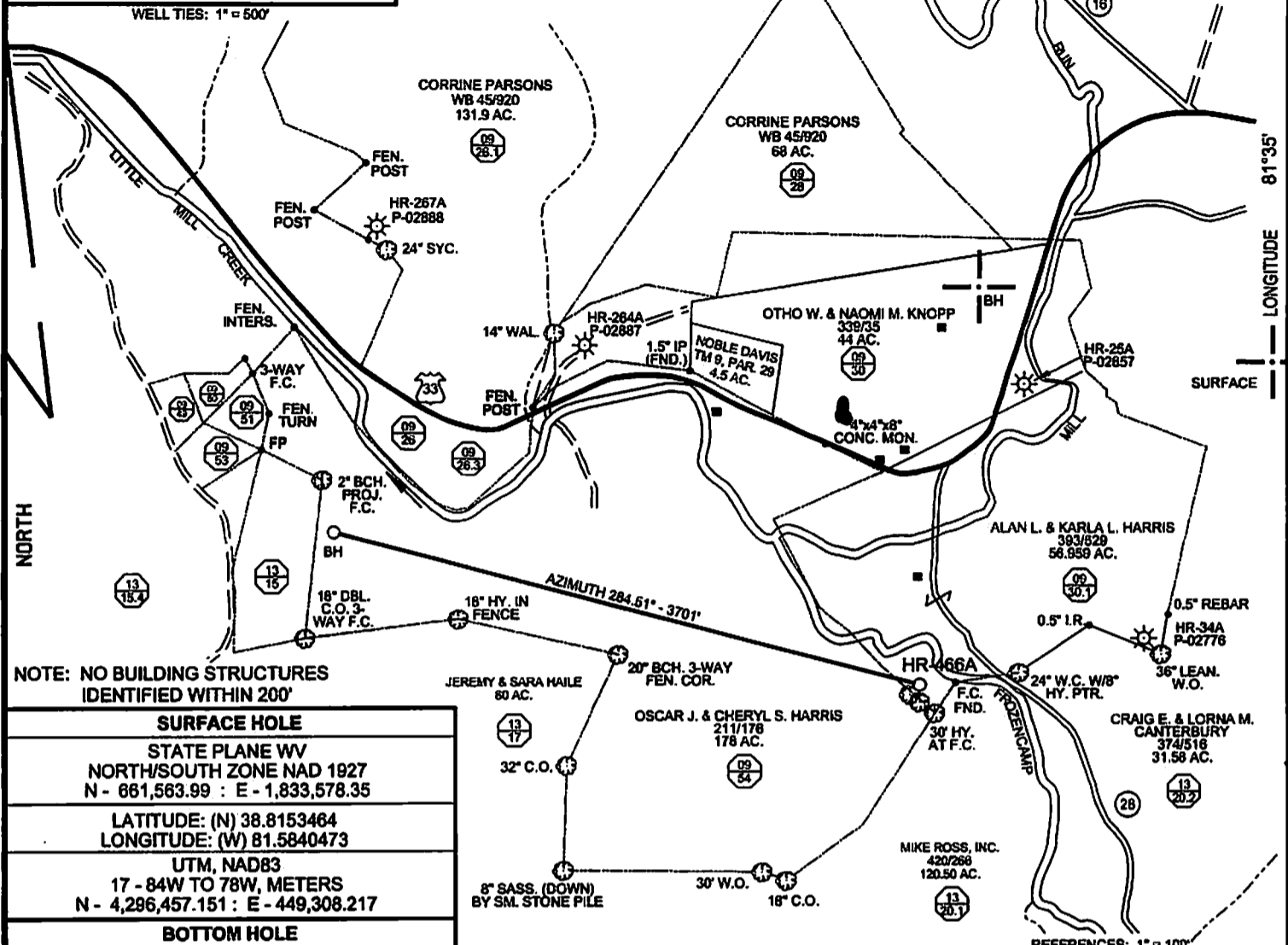
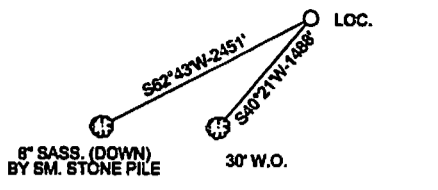


SURFACE 193' 3,782'

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

LATITUDE 38°50'



LONGITUDE 81°35'

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 661,563.99 : E - 1,833,578.35	
LATITUDE: (N) 38.8153464 LONGITUDE: (W) 81.5840473	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,296,457.151 : E - 449,308.217	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 662,491.09 : E - 1,829,994.93	
LATITUDE: (N) 38.8178293 LONGITUDE: (W) 81.5966437	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,286,739.711 : E - 448,216.395	

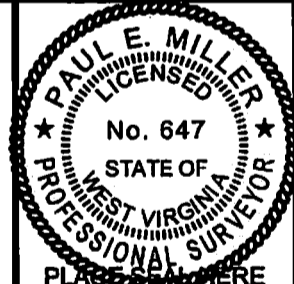
( + ) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.	HR-466A.DGN
DRAWING NO.	HR-466A 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.I.S. 647



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



DATE REVISED MAY 20, 20 14  
OPERATOR'S WELL NO. HR-466A  
API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 835' WATER SHED FROZENCAMP CREEK OF LITTLE MILL CREEK  
DISTRICT WASHINGTON COUNTY JACKSON  
QUADRANGLE GAY, WV 7.5'

SURFACE OWNER ALAN L. & KARLA L. HARRIS ACREAGE 59.959  
OIL & GAS ROYALTY OWNER Alan L. Harris, Karla L. Harris, Paul Parsons LEASE ACREAGE 7.35  
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) \_\_\_\_\_

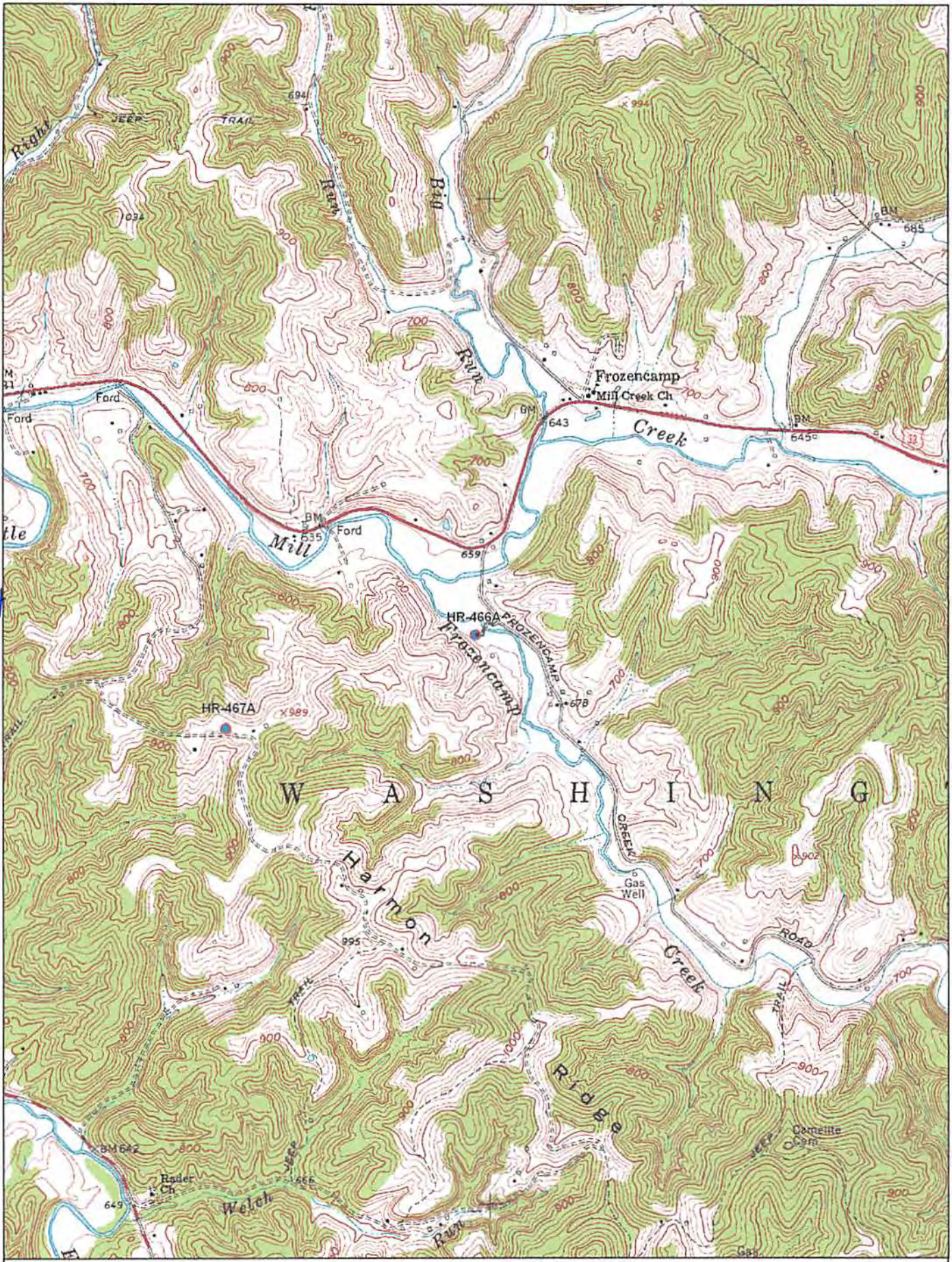
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION LOWER HURON ESTIMATED DEPTH 7640' MD; 4200' TVD  
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS  
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

08/01/2014

FORM WW-6

COUNTY NAME

PERMIT



7/3/2014  
 ↘



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 Zoom Level: 14-0 Datum: NAD27

Scale 1 : 24,000  
 1" = 2,000 ft

