

SURFACE HOLE ← 3439' → BOTTOM HOLE

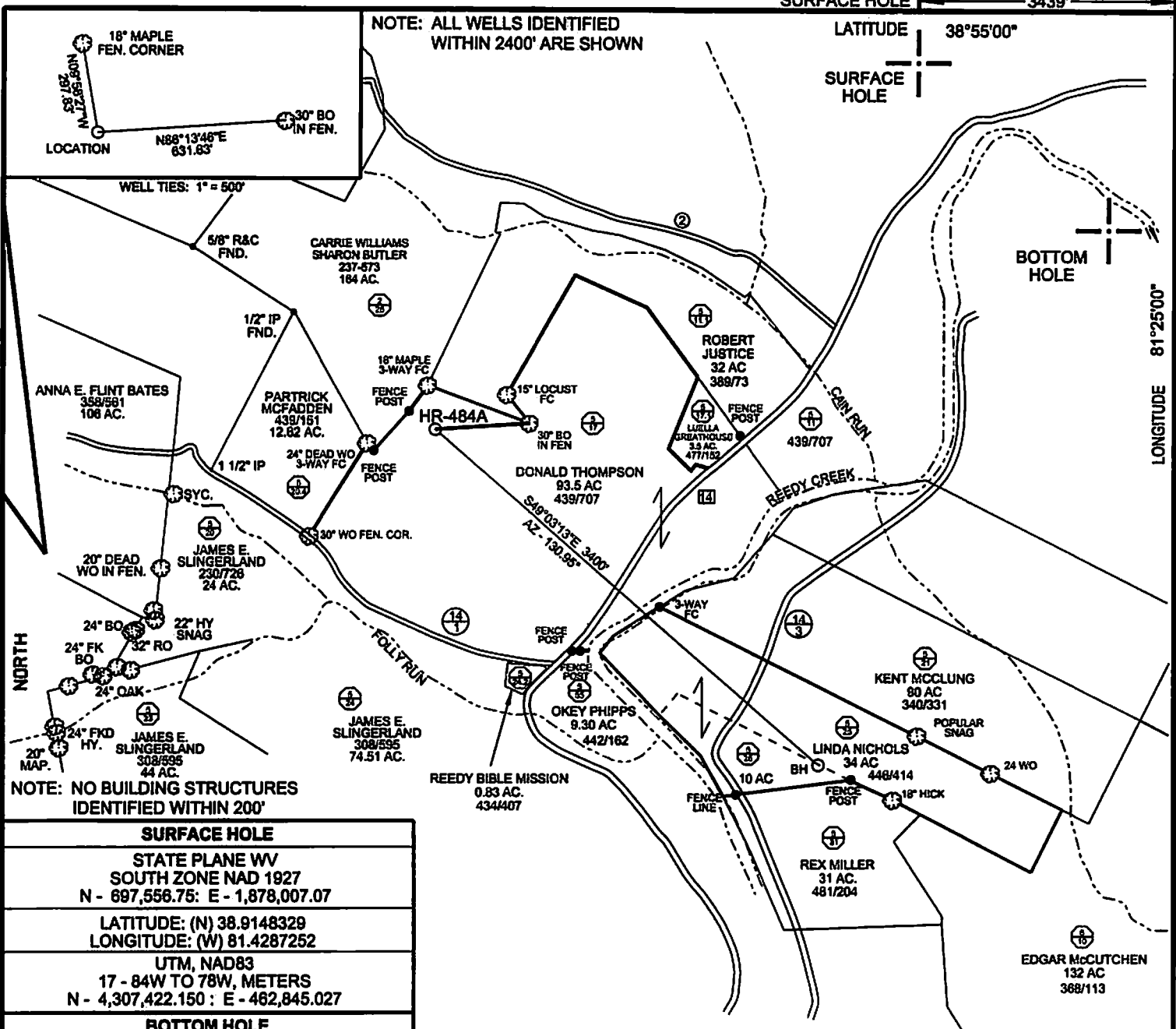
LATITUDE 38°55'00"

SURFACE HOLE  
BOTTOM HOLE

LONGITUDE 81°25'00"

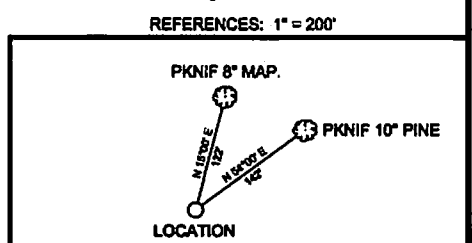
SURFACE HOLE 687'  
BOTTOM HOLE 2908'

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE	
STATE PLANE WV	SOUTH ZONE NAD 1927
N - 697,556.75	E - 1,878,007.07
LATITUDE: (N) 38.9148329	LONGITUDE: (W) 81.4287252
UTM, NAD83	17 - 84W TO 78W, METERS
N - 4,307,422.150	E - 462,845.027
BOTTOM HOLE	
STATE PLANE WV	SOUTH ZONE NAD 1927
N - 695,328.56	E - 1,880,575.17
LATITUDE: (N) 38.9087474	LONGITUDE: (W) 81.4198671
UTM, NAD83	17 - 84W TO 78W, METERS
N - 4,306,743.217	E - 463,627.235



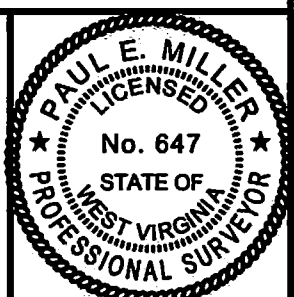
( + ) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.	HR-484A
DRAWING NO.	HR-484A
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 13, 2014  
OPERATOR'S WELL NO. HR-484A  
API WELL NO.

47 087 04744 H  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1.019' WATER SHED FOLLY RUN OF REEDY CREEK  
DISTRICT REEDY COUNTY ROANE COUNTY

SURFACE OWNER DONALD THOMPSON ACREAGE 93.5  
OIL & GAS ROYALTY OWNER *Nichols, Thompson, Learman* LEASE ACREAGE 739.5  
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) \_\_\_\_\_

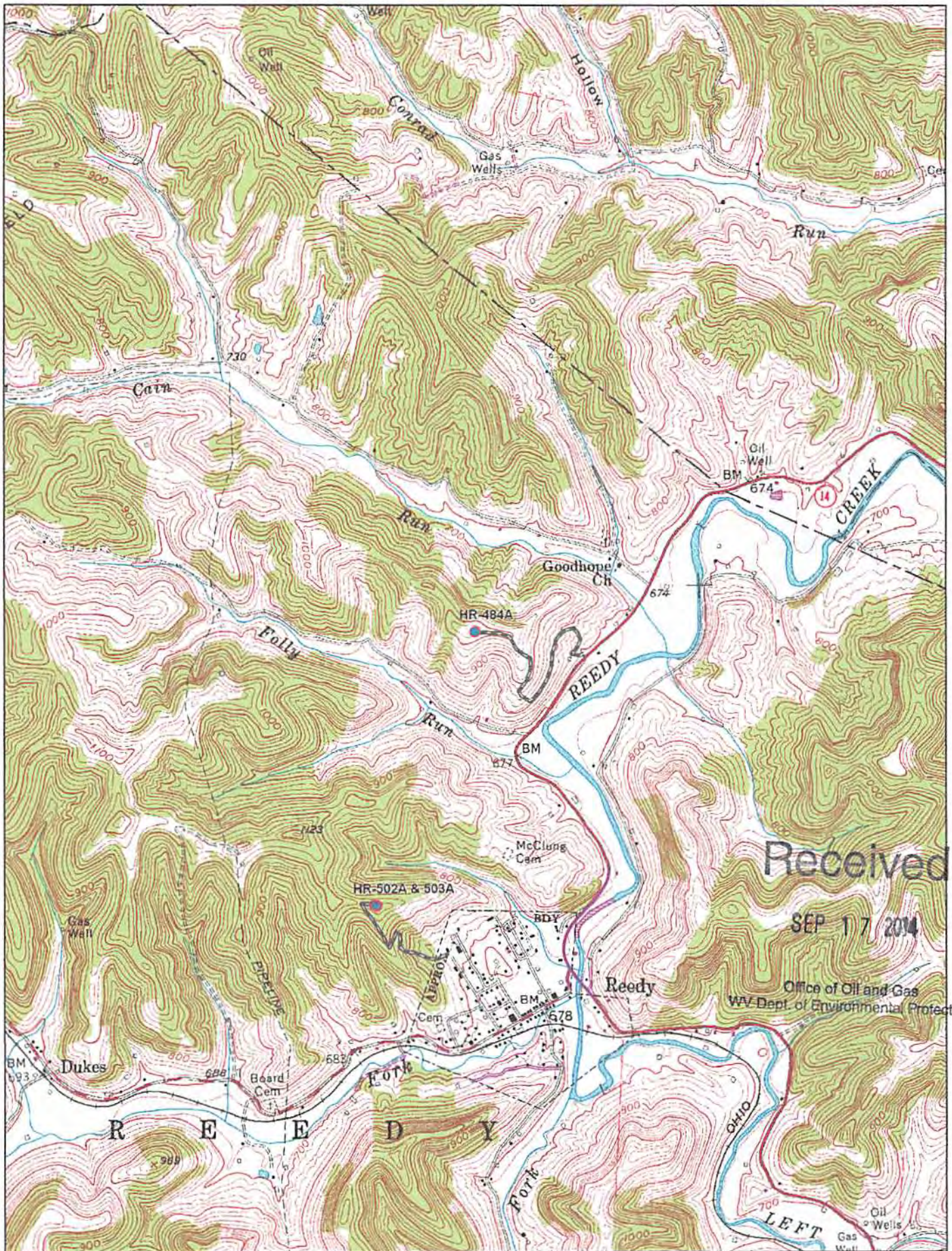
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION LOWER HURON ESTIMATED DEPTH 7800' MD, 4659' TVD  
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEVENS  
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 26312 ADDRESS SAME

10/17/2014

FORM WW-6

COUNTY NAME

PERMIT



Received

SEP 17 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection



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 Zoom Level: 14-0 Datum: NAD27

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

