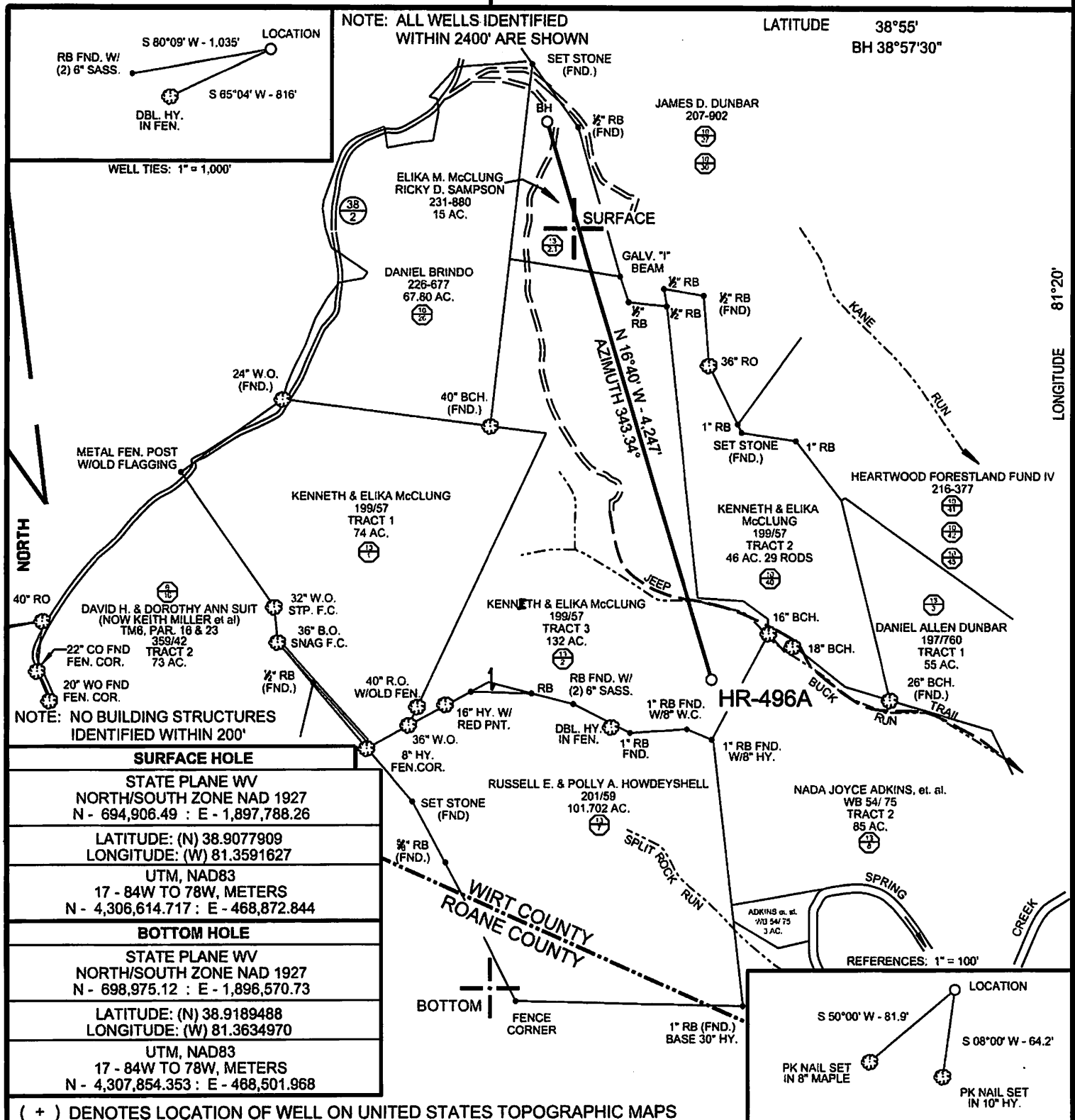


BOTTOM

7,351'

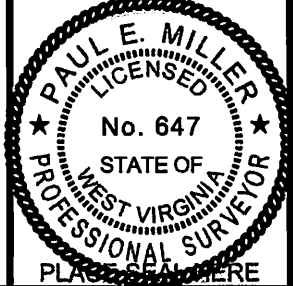


SURFACE HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 694,906.49 : E - 1,897,788.26	
LATITUDE: (N) 38.9077909 LONGITUDE: (W) 81.3591627	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,306,614.717 : E - 468,872.844	
BOTTOM HOLE	
STATE PLANE WV NORTH/SOUTH ZONE NAD 1927 N - 698,975.12 : E - 1,896,570.73	
LATITUDE: (N) 38.9189488 LONGITUDE: (W) 81.3634970	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,307,854.353 : E - 468,501.968	

FILE NO.	HR-496A.DGN
DRAWING NO.	HR-496A
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



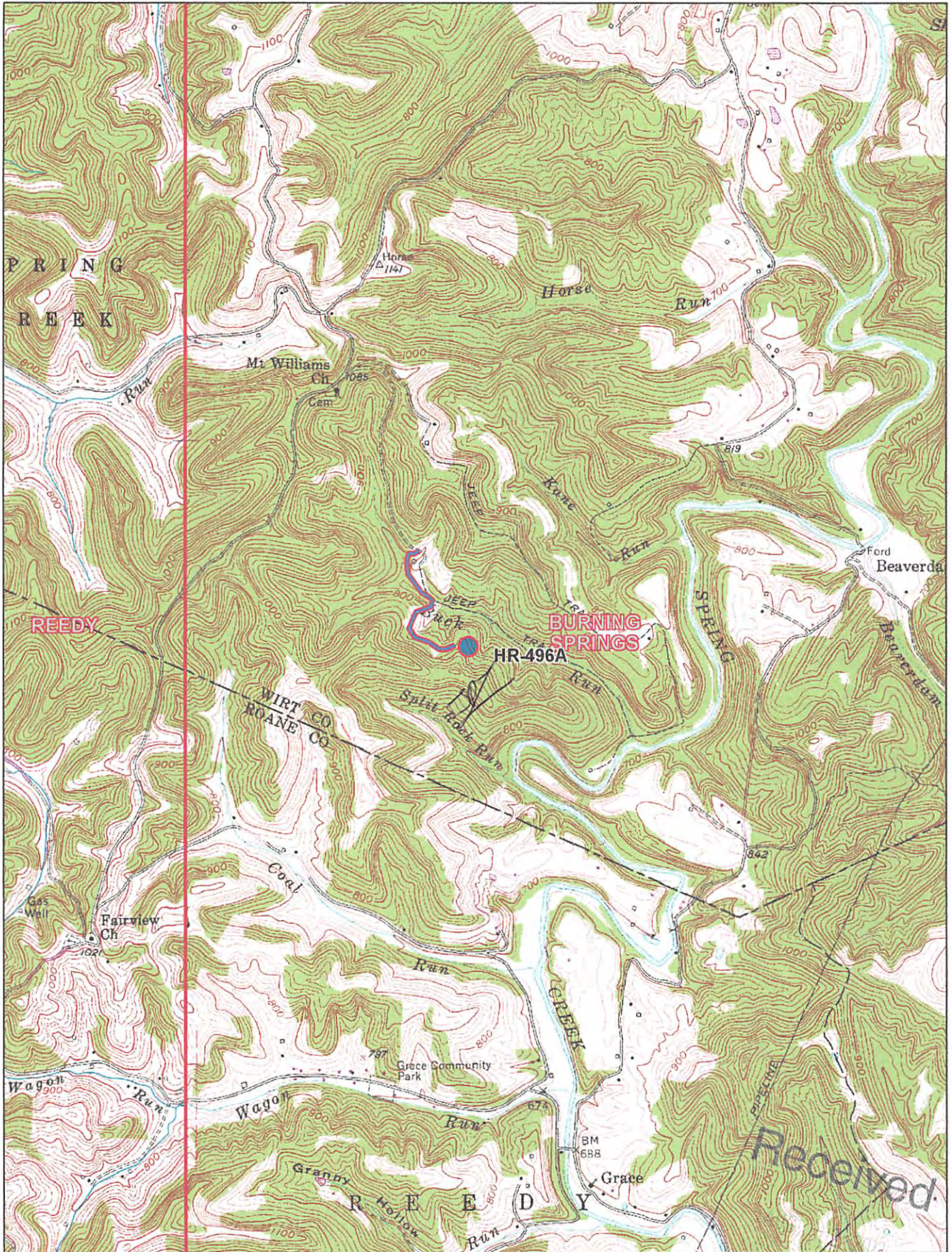
STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION		DATE	JUNE 27, 20 13	
		OPERATOR'S WELL NO.	HR-496A	
WELL TYPE: OIL ___ GAS <u>X</u> LIQUID INJECTION ___ WASTE DISPOSAL ___		STATE	COUNTY	PERMIT
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW <u>X</u>		47	105	01369 H
LOCATION: ELEVATION 855' WATER SHED BUCK RUN OF SPRING CREEK				
DISTRICT SPRING CREEK COUNTY WIRT				
QUADRANGLE BURNING SPRINGS, WV 7.5'				
SURFACE OWNER KENNETH & ELIKA McCLUNG ACREAGE 132				
OIL & GAS ROYALTY OWNER Kenneth + Erika McClung LEASE ACREAGE 147				
LEASE NO. _____				
PROPOSED WORK: DRILL <u>X</u> CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE <u>X</u> PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION <u>X</u> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____				
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___				
TARGET FORMATION LOWER HURON ESTIMATED DEPTH 8375' MD; 4385' TUD				
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS				
ADDRESS 1244 MARTINS BR. ROAD, CHARLESTON, WV 25312 ADDRESS SAME				

08/30/2013

FORM WW-6

COUNTY NAME

PERMIT

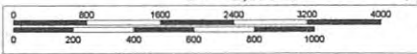


Received



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Scale 1 : 25,000
1" = 2,083 ft



Office of Oil and Gas
Department of Environmental Protection
TN
MN
GA