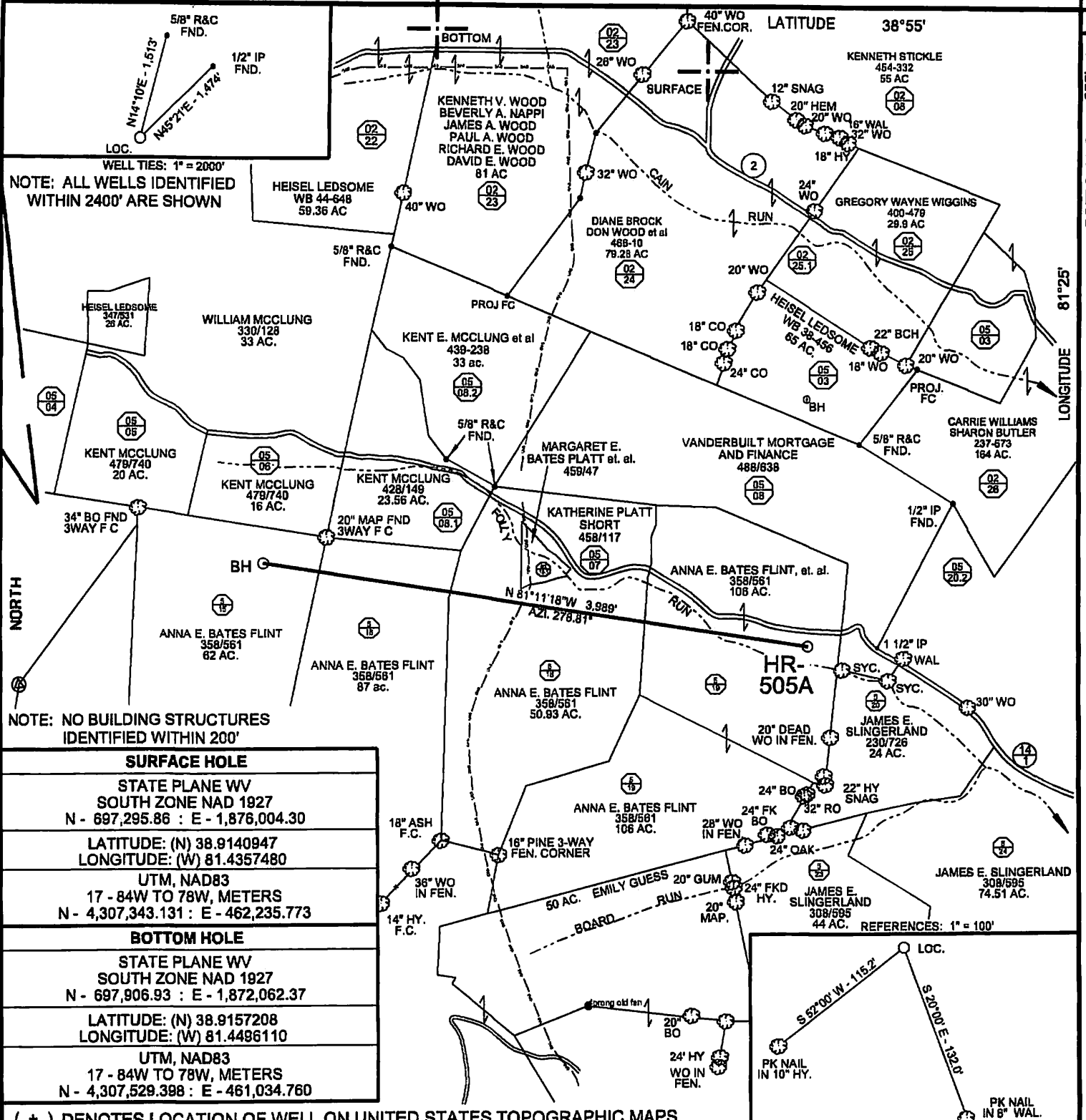


BOTTOM HOLE ← SURFACE HOLE → 9367' 5,423'



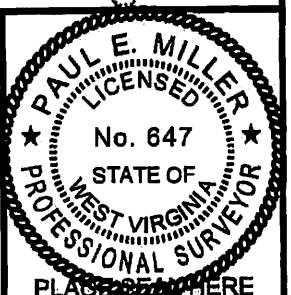
SURFACE HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 697,295.86 : E - 1,876,004.30	
LATITUDE: (N) 38.9140947 LONGITUDE: (W) 81.4357480	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,307,343.131 : E - 462,235.773	
BOTTOM HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 697,906.93 : E - 1,872,062.37	
LATITUDE: (N) 38.9157208 LONGITUDE: (W) 81.4486110	
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,307,529.398 : E - 461,034.760	

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

FILE NO. HR-505A AS DRILLED.DGN
 DRAWING NO. HR-505A AS DRILLED
 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 NOVEMBER 2, 20 15
 OPERATOR'S WELL NO. HR-505A
 API WELL NO. _____

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

LOCATION: ELEVATION 712' WATER SHED FOLLEY RUN OF REEDY CREEK
 DISTRICT REEDY COUNTY ROANE

QUADRANGLE REEDY, WV 7.5'

SURFACE OWNER ANNA E. BATES FLINT, et. al. ACREAGE 106
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

LEASE NO. _____

PROPOSED WORK: DRILL ___ 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 _____

WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
 ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 26312 ADDRESS SAME

STATE 47 COUNTY 087 PERMIT 04741 F

01/01/2016

FORM WW-6

COUNTY NAME
 PERMIT

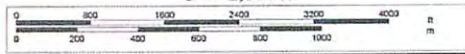


DeLORME

© 2001 DeLorme, XMap®. Data copyright of content owner. Zoom Level: 14-0 Datum: NAD27

Scale 1 : 24,000

1" = 2,000 ft



RECEIVED

Office of Oil and Gas

OCT 27 2015

WV Department of Environmental Protection 01/01/2016