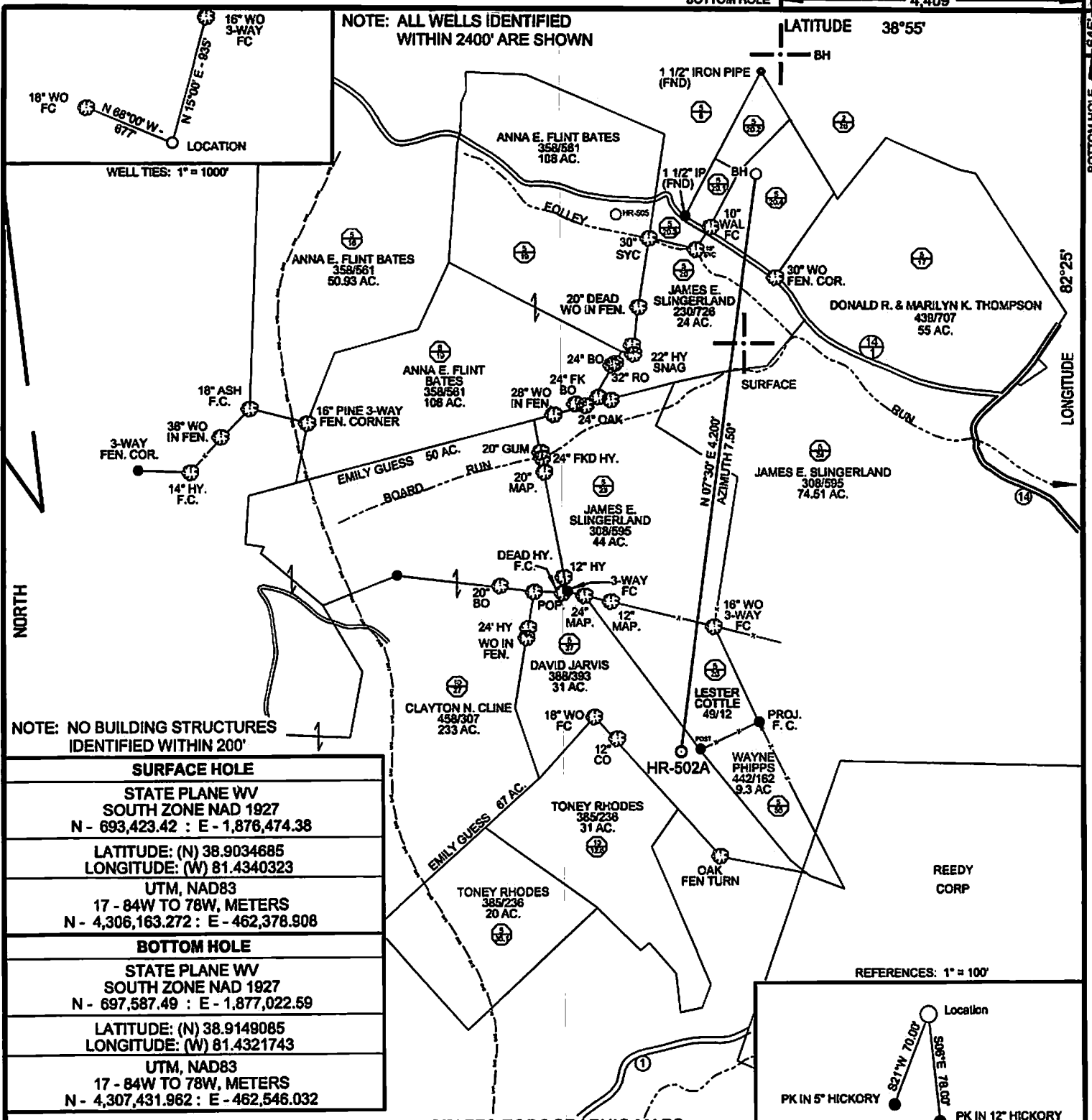


SURFACE 4,936'
BOTTOM HOLE 4,409'

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

LATITUDE 38°55'

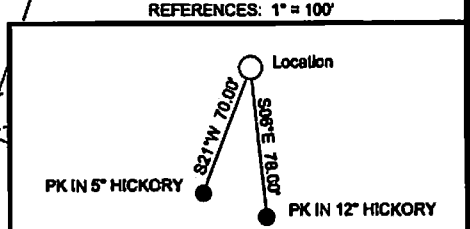
BOTTOM HOLE 4,815'
SURFACE



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

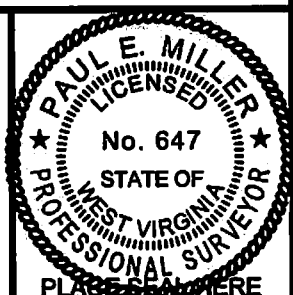
SURFACE HOLE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 693,423.42 : E - 1,876,474.38
LATITUDE: (N) 38.9034685 LONGITUDE: (W) 81.4340323
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,306,163.272 : E - 462,378.908
BOTTOM HOLE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 697,587.49 : E - 1,877,022.59
LATITUDE: (N) 38.9149085 LONGITUDE: (W) 81.4321743
UTM, NAD83 17 - 84W TO 78W, METERS N - 4,307,431.962 : E - 462,546.032

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



FILE NO.	HR-502A.DGN
DRAWING NO.	HR-502A
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 JULY 22, 20 14
OPERATOR'S WELL NO. HR-502A
API WELL NO. _____

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

LOCATION: ELEVATION 981' WATER SHED FORK OF REEDY CREEK
DISTRICT REEDY COUNTY ROANE

QUADRANGLE REEDY, WV 7.5'

SURFACE OWNER DAVID JARVIS ACREAGE 31

OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

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 _____

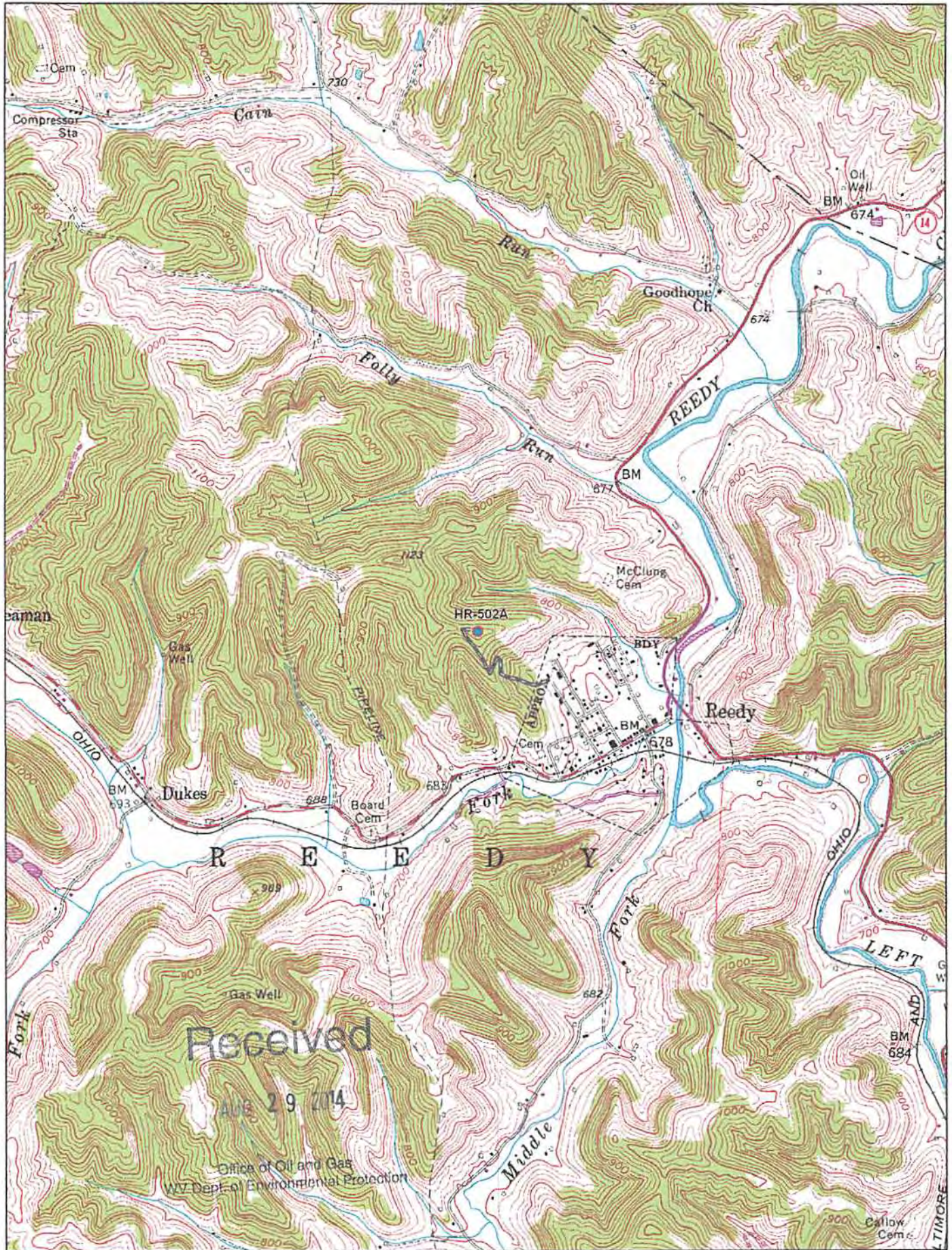
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

10/03/2014

FORM WW-6

COUNTY NAME

PERMIT



Received
 AUG 29 2014

Office of Oil and Gas
 WVT Dept. of Environmental Protection



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 Zoom Level: 14-0 Datum: NAD27

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

