

FILE NO. HR-454A.DGN

DRAWING NO. HR-454

SCALE 1" = 1000'

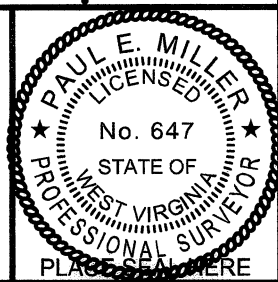
MINIMUM DEGREE OF ACCURACY 1 : 200

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 26, 20 11

OPERATOR'S WELL NO. HR-454A

API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 696' WATER SHED _____ MIDDLE FORK

DISTRICT REEDY COUNTY ROANE

QUADRANGLE Peniel REEDY - WV 7.5'

SURFACE OWNER KYLE DAVIS et al ACREAGE 101.55

OIL & GAS ROYALTY OWNER Leonidas Burton Sears III LEASE ACREAGE 179.55

LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION LOWER HURON ESTIMATED DEPTH 7670' MD; 4335' TVD

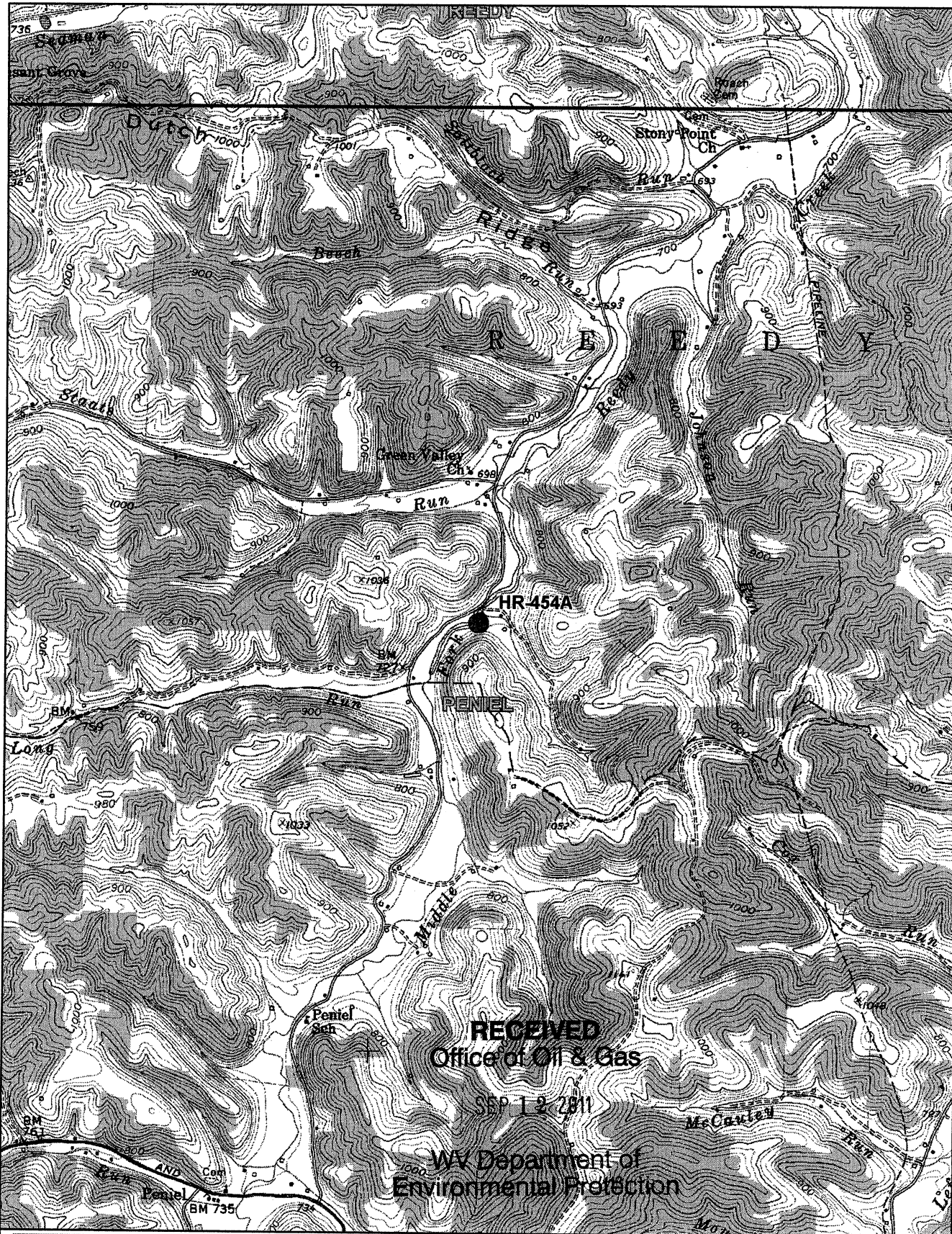
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS

ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

FORM WW-6

COUNTY NAME
PERMIT

87-04712H



RECEIVED
 Office of Oil & Gas
 SEP 12 2011

WV Department of
 Environmental Protection

DeLORME

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 Zoom Level: 13-0 Datum: NAD27

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

