

BOTTOM HOLE

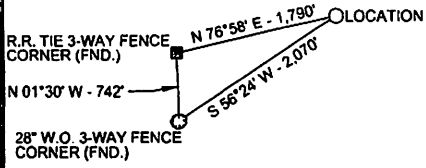
SURFACE HOLE

6.676'

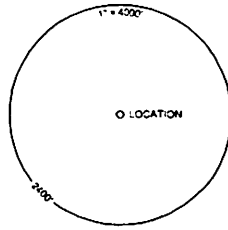
4,238

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

LATITUDE 38°55'00"

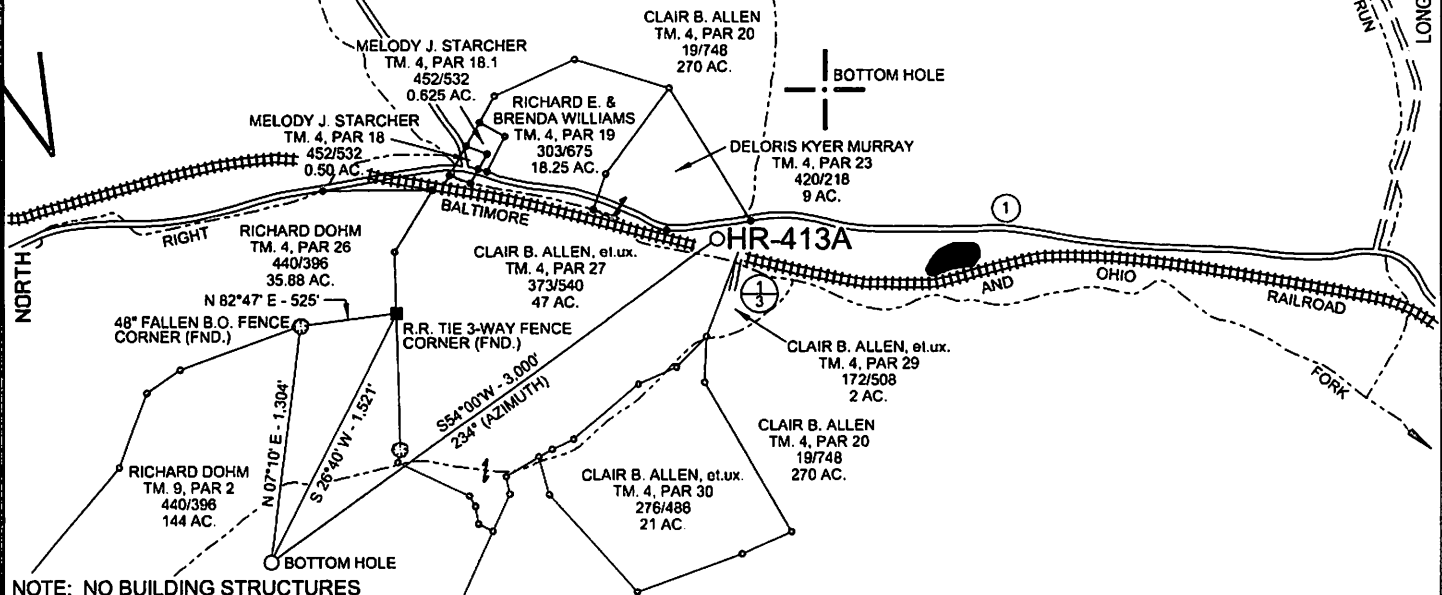


WELL TIES: 1" = 2000'



SURFACE HOLE

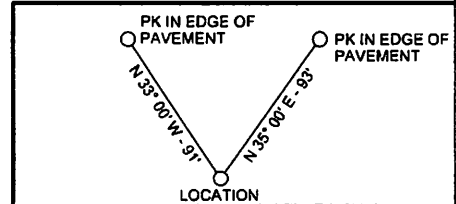
BOTTOM HOLE



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927	
N - 693,557.15 : E - 1,865,300.65	
LATITUDE: (N) 38°54'13"	
LONGITUDE: (W) 81°28'24"	
BOTTOM HOLE	
STATE PLANE WV SOUTH ZONE NAD 1927	
N - 691,793.79 : E - 1,862,873.60	
LATITUDE: (N) 38°53'56"	
LONGITUDE: (W) 81°28'55"	

REFERENCES: 1" = 100'



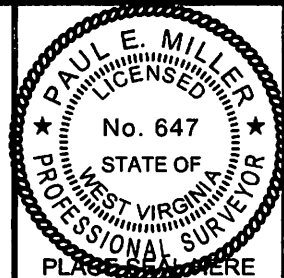
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.	HR-413A.DGN
DRAWING NO.	HR-413A
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 16, 20 11
 OPERATOR'S WELL NO. HR-413A
 API WELL NO.

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

LOCATION: ELEVATION 713' WATER SHED RIGHT FORK OF REEDY CREEK
 DISTRICT REEDY COUNTY ROANE

QUADRANGLE REEDY, WV 7.5'

SURFACE OWNER CLAIR B. ALLEN et ux. ACREAGE 47

OIL & GAS ROYALTY OWNER Clair Allen, Todd Larson LEASE ACREAGE 191.25

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 6900' MD; 4350' TVD

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

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

FORM WV-6

COUNTY NAME

PERMIT



DELORME

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Zoom Level: 13-0 Datum: NAD27

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

