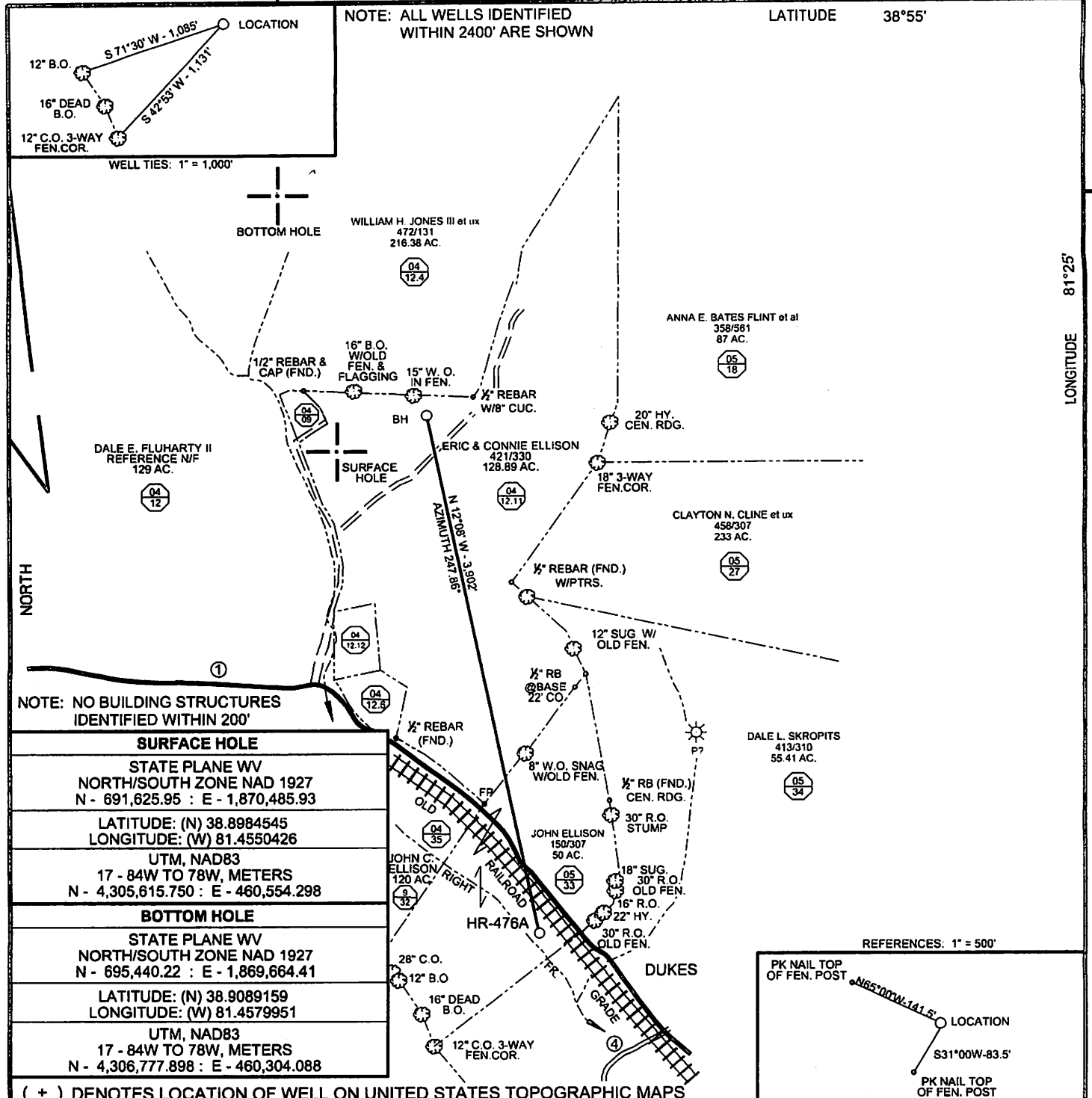


BOTTOM HOLE

11,758'

LATITUDE 38°55'

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN



LONGITUDE 81°25'

BOTTOM HOLE 2,837'

SURFACE HOLE 6,647'

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

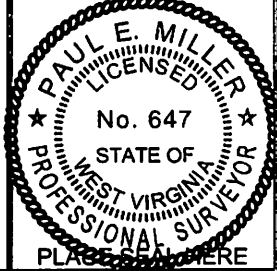
SURFACE HOLE	
STATE PLANE WV	NORTH/SOUTH ZONE NAD 1927
N - 691,625.95	E - 1,870,485.93
LATITUDE: (N) 38.8984545	LONGITUDE: (W) 81.4550426
UTM, NAD83	
17 - 84W TO 78W, METERS	N - 4,305,615.750 : E - 460,554.298
BOTTOM HOLE	
STATE PLANE WV	NORTH/SOUTH ZONE NAD 1927
N - 695,440.22	E - 1,869,664.41
LATITUDE: (N) 38.9089159	LONGITUDE: (W) 81.4579951
UTM, NAD83	
17 - 84W TO 78W, METERS	N - 4,306,777.898 : E - 460,304.088

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

FILE NO. HR-476A.DGN
 DRAWING NO. HR-476
 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 27, 20 12
 OPERATOR'S WELL NO. HR-476A
 API WELL NO. _____

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

LOCATION: ELEVATION 686' WATER SHED RIGHT FORK OF REEDY CREEK
 DISTRICT REEDY COUNTY ROANE
 QUADRANGLE REEDY, WV 7.5'

SURFACE OWNER JOHN ELLISON ACREAGE 50
 OIL & GAS ROYALTY OWNER Ellison, Gas Co. LEASE ACREAGE 178.99
 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 7925' MD; 4265' 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

12/21/2012