

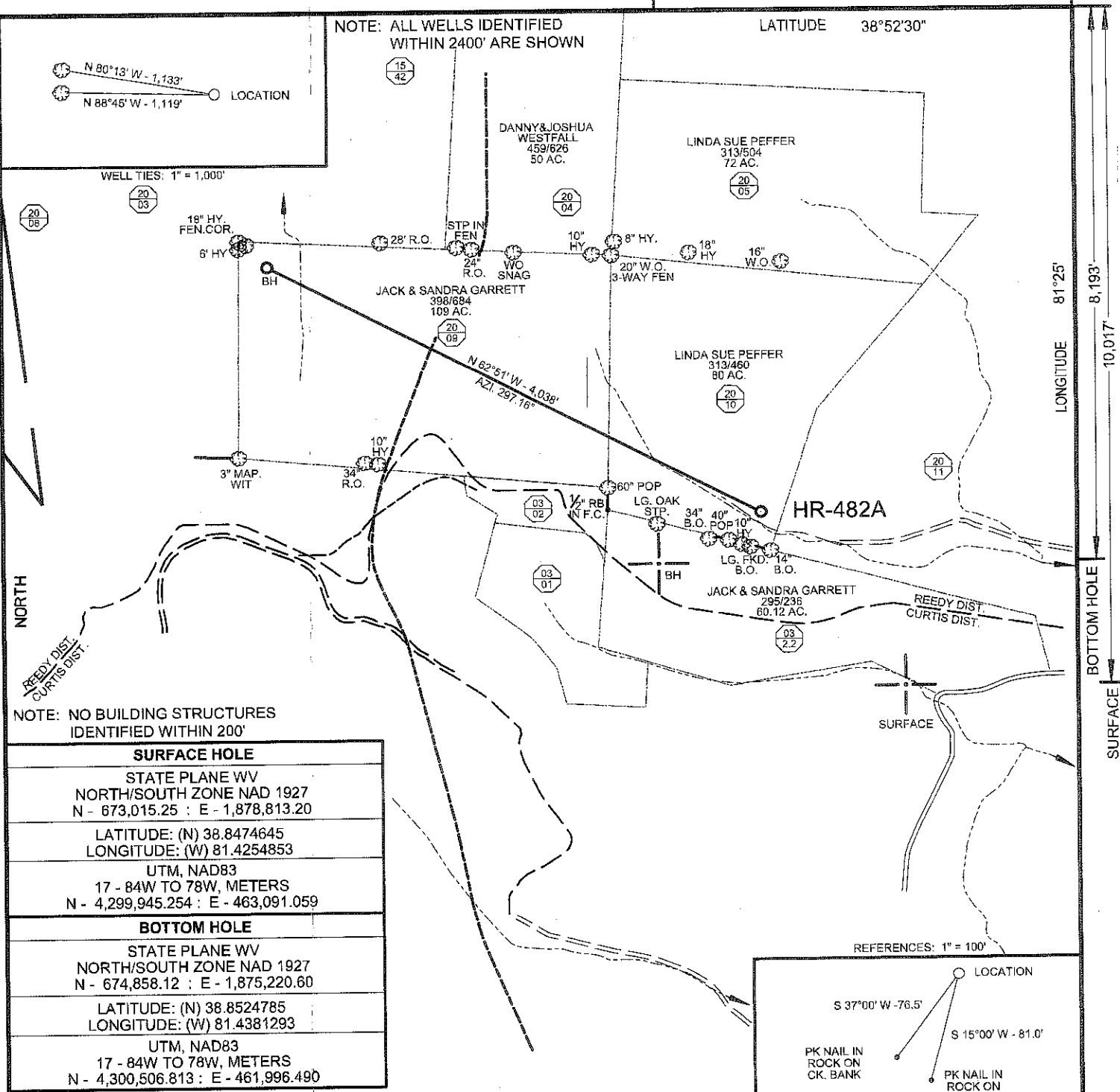
BOTTOM HOLE 6,119'

LATITUDE 38°52'30"

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN

N 80°13' W - 1,133'
N 88°45' W - 1,119' LOCATION

WELL TIES: 1" = 1,000'



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

SURFACE HOLE

STATE PLANE WV
NORTH/SOUTH ZONE NAD 1927
N - 673,015.25 : E - 1,878,813.20

LATITUDE: (N) 38.8474645
LONGITUDE: (W) 81.4254853

UTM, NAD83
17 - 84W TO 78W, METERS
N - 4,299,945.254 : E - 463,091.059

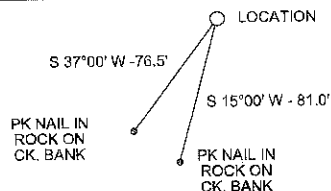
BOTTOM HOLE

STATE PLANE WV
NORTH/SOUTH ZONE NAD 1927
N - 674,858.12 : E - 1,875,220.60

LATITUDE: (N) 38.8524785
LONGITUDE: (W) 81.4381293

UTM, NAD83
17 - 84W TO 78W, METERS
N - 4,300,506.813 : E - 461,996.490

REFERENCES: 1" = 100'

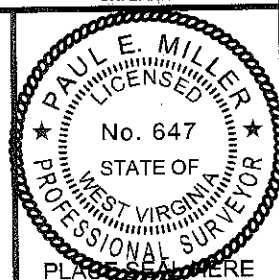


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. HR-482A.DGN
DRAWING NO. HR-482
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 MAY 21, 20 2012
OPERATOR'S WELL NO. HR-482A
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 760' WATER SHED _____ TRIBUTARY OF REEDY CREEK
DISTRICT REEDY COUNTY ROANE
QUADRANGLE PENIEL, WV 7.5'

SURFACE OWNER LINDA SUE PEFFER ACREAGE 80
OIL & GAS ROYALTY OWNER Balfrey, Nicholson, Wine, Runyon, Peffer, Harper LEASE ACREAGE 189
LEASE NO. _____

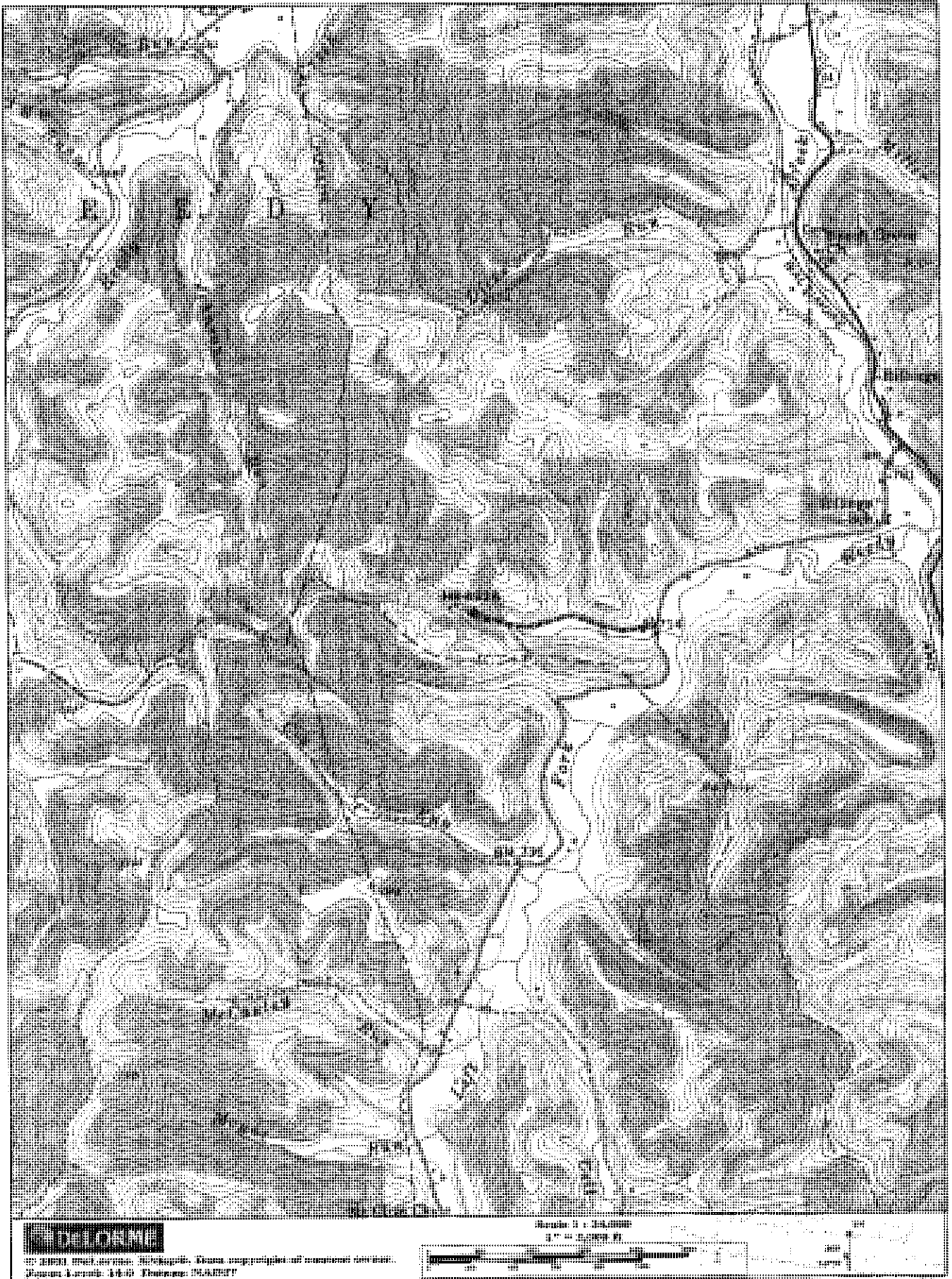
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION LOWER HURON ESTIMATED DEPTH 9190' TMD; 4720' TVD
WELL OPERATOR HARD ROCK EXPLORATION, INC. DESIGNATED AGENT JAMES L. STEPHENS
ADDRESS 1244 MARTINS BR. RD., CHARLESTON, WV 25312 ADDRESS SAME

COUNTY NAME
PERMIT

FORM WV-6

87-04720H



08/03/2012