

Well is located on topo map 625' feet south of Latitude: 39° 50' 00"

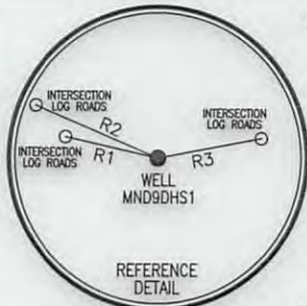
Well is located on topo map 10,466' feet west of Longitude: 80° 45' 00"

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- WATER SOURCE
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- WELLS WITHIN 3000'**
- EXISTING WELLS
- PLUGGED WELLS

NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, welland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

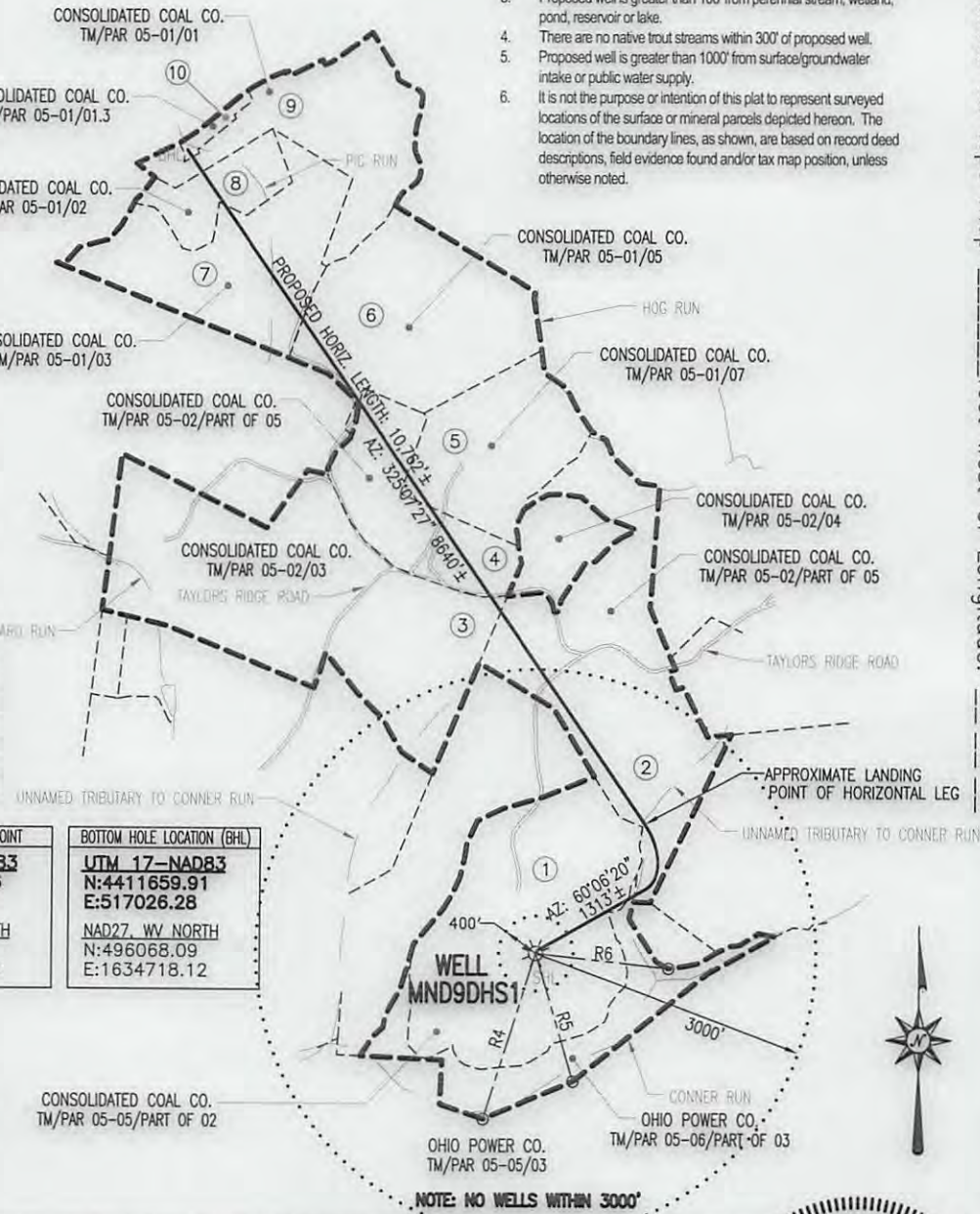


LINE	BEARING	DISTANCE
R1	N 77°18'40" W	198.22'
R2	N 67°07'03" W	278.50'
R3	N 79°25'33" E	220.82'
R4	S 17°44'45" W	1833.59'
R5	S 16°34'47" E	1406.96'
R6	S 83°53'15" E	1429.69'

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4409099.273 E:518222.862	UTM 17-NAD83 N:4409525.76 E:518567.38	UTM 17-NAD83 N:4411659.91 E:517026.28
NAD27, WV NORTH N:487599.68 E:1638504.35	NAD27, WV NORTH N:488980.29 E:1639658.23	NAD27, WV NORTH N:496068.09 E:1634718.12



Blue Mountain Engineering
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486



FILE #: MND9DHS1
DRAWING #: MND9DHS1
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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: *[Signature]*
R.P.E.: _____ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: AUGUST 27, 2013
OPERATOR'S WELL #: MND9DHS1
SERIAL No.: WV0510629HS
API WELL #: 47 51 1676 H6A

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

STATE COUNTY PERMIT
Replacement for 51-1571 H6A

WATERSHED: FISH CREEK ELEVATION: 1226.69'
COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, WV-OH 7.5'
SURFACE OWNER: CONSOLIDATION COAL COMPANY ACREAGE: 123.244±
OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 771.489±

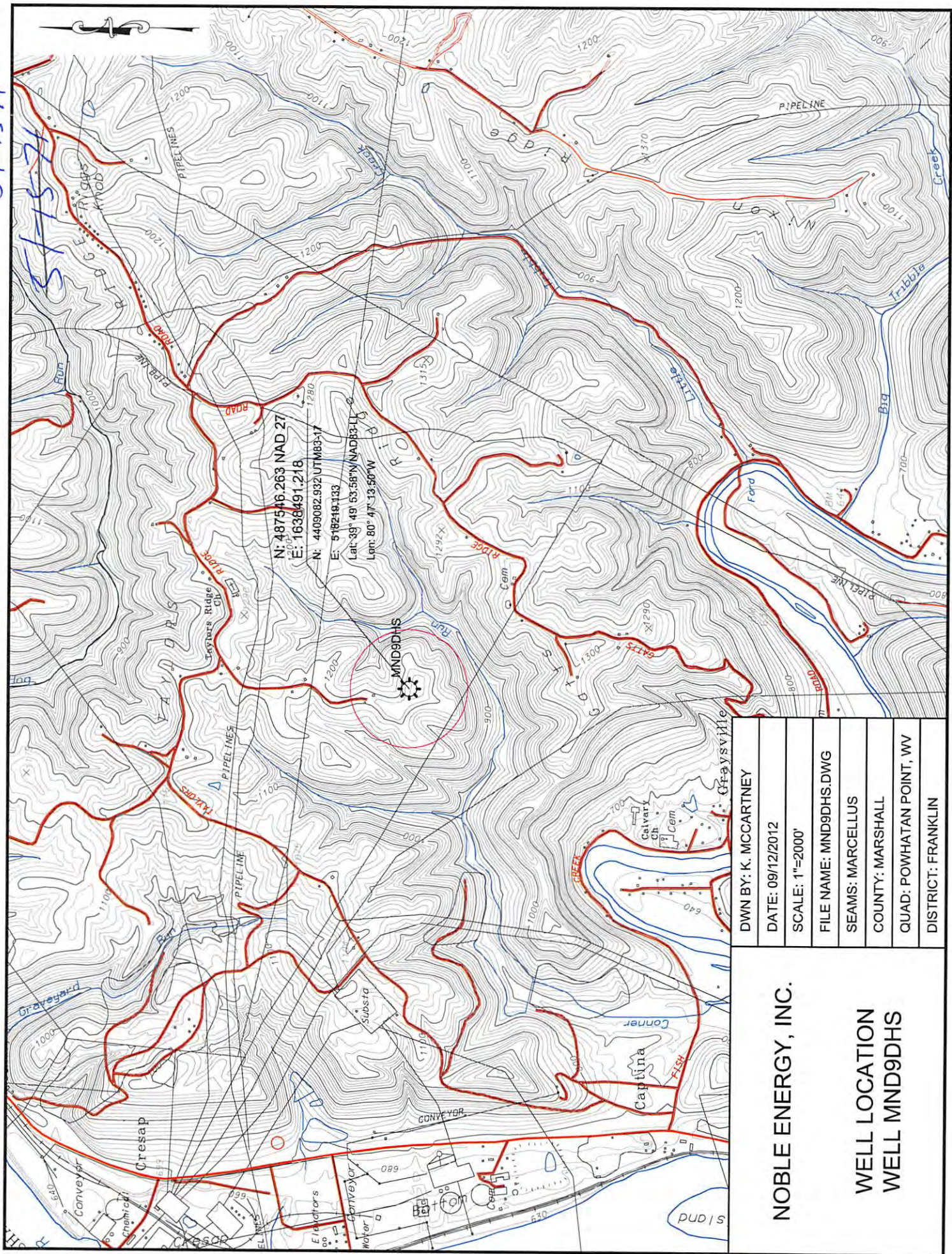
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,599'± TMD: 16,157'±
WELL OPERATOR NOBLE ENERGY INC. DESIGNATED AGENT STEVEN M. GREEN
Address 333 TECHNOLOGY DRIVE, SUITE 116 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 1001
City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

08/30/2013

51-157
51-1676

51-01676



DWN BY: K. MCCARTNEY
DATE: 09/12/2012
SCALE: 1"=2000'
FILE NAME: MND9DHS.DWG
SEAMS: MARCELLUS
COUNTY: MARSHALL
QUAD: POWHATAN POINT, WV
DISTRICT: FRANKLIN

NOBLE ENERGY, INC.

WELL LOCATION
WELL MND9DHS