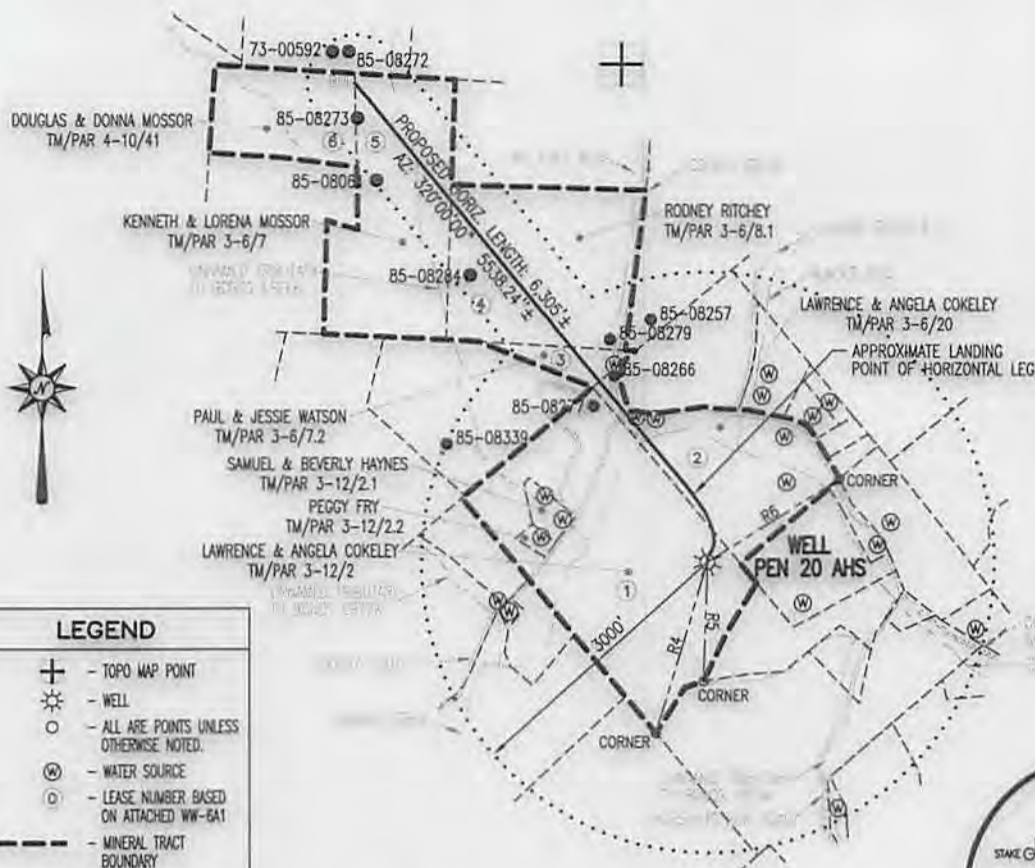


Well is located on topo map 1,881 feet south of Latitude: 39° 20' 00"

Well is located on topo map 7,441 feet west of Longitude: 81° 00' 00"



SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83
 N:4353195.12
 E:497732.66
 NAD27, WV NORTH
 N:305275.581
 E:1568205.800
 LAT/LON DATUM-NAD83
 LAT:39.3281682
 LON:-81.0263062

APPROX. LANDING POINT
UTM 17-NAD83
 N:4353404.56
 E:497683.45
 NAD27, WV NORTH
 N:305965.549
 E:1568055.808
 LAT/LON DATUM-NAD83
 LAT:39.3300553
 LON:-81.0268779

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83
 N:4354678.92
 E:496577.35
 NAD27, WV NORTH
 N:310208.083
 E:1564495.899
 LAT/LON DATUM-NAD83
 LAT:39.3415347
 LON:-81.0397180

LEGEND

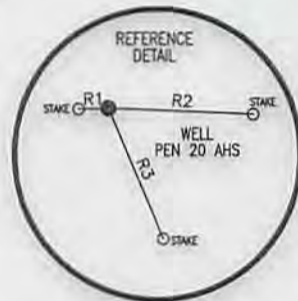
- + - TOPO MAP POINT
- ☼ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- ⊙ - WATER SOURCE
- ⊙ - LEASE NUMBER BASED ON ATTACHED WW-6A1
- - - - - MINERAL TRACT BOUNDARY
- - - - - PARCEL LINES
- - - - - WELL REFERENCE
- - - - - PROPOSED HORIZONTAL WELL
- - - - - ROAD
- - - - - STREAM CENTER LINE

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, wetland, 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	S 88°29'47" W	62.43'
R2	S 87°39'04" E	283.78'
R3	S 23°11'43" E	292.36'
R4	S 17°05'17" W	1848.04'
R5	S 01°51'45" W	1227.82'
R6	N 58°08'22" E	1623.20'

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

FILE #: PEN 20 AHS
 DRAWING #: PEN 20 AHS
 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

GEORGE D. SIX
 LICENSED
 No. 2000
 STATE OF
 WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 PLACE SEAL HERE

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



DATE: MAY 1, 2014
 OPERATOR'S WELL #: PEN 20 AHS
 API WELL #: 47 85 10147H6A
 STATE COUNTY PERMIT

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

WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1081±

COUNTY/DISTRICT: RITCHIE / CLAY QUADRANGLE: ELLENBORO, WV 7.5'

SURFACE OWNER: LAWRENCE & ANGELA COKELEY ACREAGE: 126.17±

OIL & GAS ROYALTY OWNER: Lawrence & Angela Cokeley, Et al ACREAGE: 353.311±

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: 6,220± TMD: 12,150±

WELL OPERATOR NOBLE ENERGY, INC. DESIGNATED AGENT STEVEN M. GREEN
 Address 333 TECHNOLOGY DRIVE, SUITE 116 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

09/19/2014



Received
AUG 1 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

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PEN20 SITE SAFETY PLAN - WATER WELL PURVEYORS -				Date: 2/19/2014	
Well Pad Spring Water Well	Water Well Buffer Parcels	Projection: NAD 1927 StatePlane West Virginia North FIPS 4701 Units: Foot US			
Disclaimer: All data is licensed for use by Noble Energy Inc. use only.				6/6	