

Well is located on topo map 154' feet south of Latitude: 39° 52' 30"

AS DRILLED PLAT



LINE	BEARING	DISTANCE
R1	S 19°31'40" W	234.21
R2	S 52°46'29" W	231.3
R3	N 27°48'04" W	194.26'
R4	S 77°52'06" W	1289.84'
R5	S 67°06'05" W	1225.84'
R6	S 37°15'39" E	981.10'

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.



Well is located on topo map 1268' feet west of Longitude: 80° 45' 00"

PERMITTED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4413863.18
 E:520990.08
 NAD83, WV NORTH
 N:503116.88
 E:1616409.51

PERMITTED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4413818.70
 E:521087.76
 NAD83, WV NORTH
 N:502985.56
 E:1616727.62

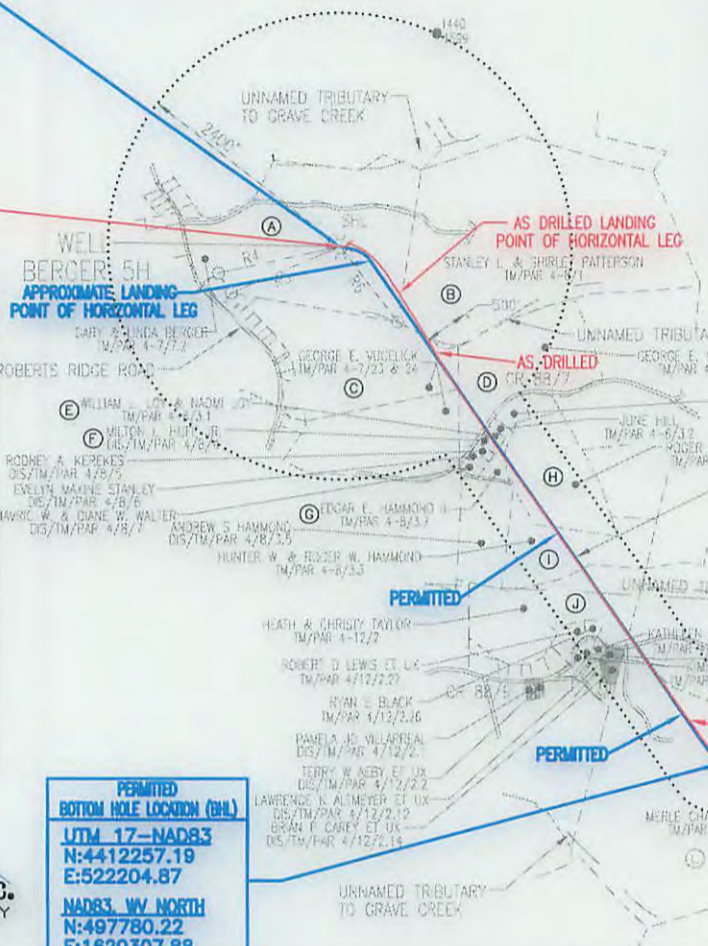
AS DRILLED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4413718.29
 E:521177.09
 NAD83, WV NORTH
 N:502631.16
 E:1617014.69

PARCEL	LESSOR
A	GARY & LINDA BERGER
B	STANLEY L. & SHIRLEY L. PATTERSON
C	GEORGE E. & REBECCA WUCELICK
D	GEORGE E. & REBECCA WUCELICK
E	JEFFERSON HEIRS
F	MILTON L. JR. & COLISIA A. HUFF
G	EDGAR E. HAMMOND, III
H	ROGER W. & CINDY A. HAMMOND
I	CLARA E. HAMMOND
J	HEATH & CHRISTY TAYLOR
K	PURPLEBURGH VENTURES, LLC
L	PURPLEBURGH VENTURES, LLC

AS DRILLED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4413863.18
 E:520990.08
 NAD83, WV NORTH
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 E:1616409.51

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- (A) - LEASE LETTER
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- AS DRILLED
- EXISTING WELLS
 - EXISTING WELLS
 - PLUGGED WELLS



PERMITTED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4412257.19
 E:522204.87
 NAD83, WV NORTH
 N:497780.22
 E:1620307.88

AS DRILLED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4412260.23
 E:522211.39
 NAD83, WV NORTH
 N:497789.82
 E:1620328.78

Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: BERGER 5H-AS DRILLED
 DRAWING #: BERGER 5H-AS DRILLED
 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: *George D. Six*
 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: SEPTEMBER 28, 2015
 OPERATOR'S WELL #: BERGER 5H-AS DRILLED
 API WELL #: 47 51 01705
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1287.56'
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWHATAN, OH-WV 7.5'
 SURFACE OWNER: GARY & LINDA BERGER ACREAGE: 51.753±
 OIL & GAS ROYALTY OWNER: GARY & LINDA BERGER ACREAGE: 580.659±

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: 6,538'± TMD: 13,287'±
 WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY
 Address 800 MOUNTAIN VIEW DRIVE Address 500 LEE STREET, EAST SUITE 1600
 City SMITHFIELD State PA Zip Code 15478 City CHARLESTON State WV Zip Code 25301-3202

02/26/2016