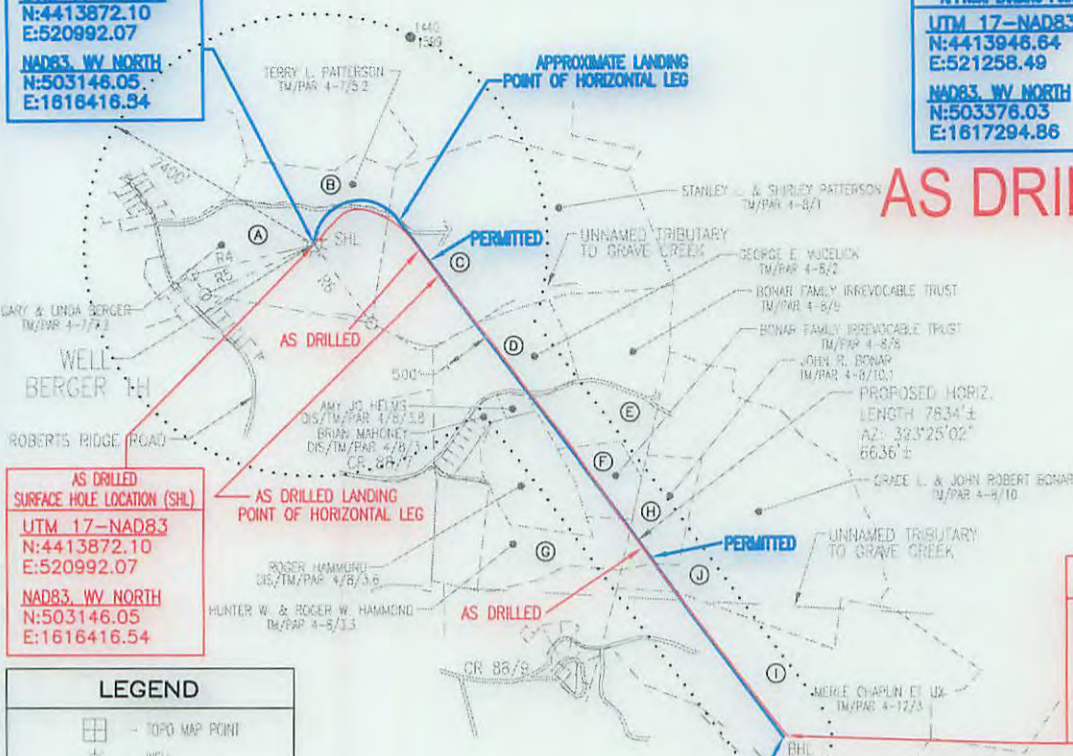


Well is located on topo map 124' feet south of Latitude: 39° 52' 30"

**PERMITTED SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83  
 N:4413872.10  
 E:520992.07  
 NAD83\_WV NORTH  
 N:503146.05  
 E:1616416.34

**PERMITTED APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4413946.64  
 E:521258.49  
 NAD83\_WV NORTH  
 N:503376.03  
 E:1617294.86

**AS DRILLED APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4413780.46  
 E:521383.83  
 NAD83\_WV NORTH  
 N:502823.85  
 E:1617696.54

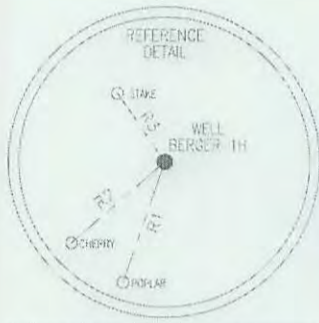


# AS DRILLED PLAT



**LEGEND**

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



LINE	BEARING	DISTANCE
R1	S 18°51'00" W	264.07'
R2	S 48°30'45" W	255.26'
R3	N 34°22'04" W	172.88'
R4	S 76°40'46" W	1303.13'
R5	S 65°59'24" W	1243.90'
R6	S 35°59'44" E	1000.33'

**AS DRILLED BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4412347.83  
 E:522500.66  
 NAD83\_WV NORTH  
 N:498061.41  
 E:1621282.84

PARCEL	LESSOR
A	GARY & LINDA BERGER
B	TERRY L. PATTERSON
C	STANLEY L. & SHIRLEY L. PATTERSON
D	GEORGE E. & REBECCA WUCELICK
E	WILLIAM T. & MONICA BONAR
F	WILLIAM T. BONAR
G	CLARA E. HAMMOND
H	JOHN ROBERT BONAR
I	PURPLEBURGH VENTURES, LLC
J	GRACE L. & JOHN ROBERT BONAR

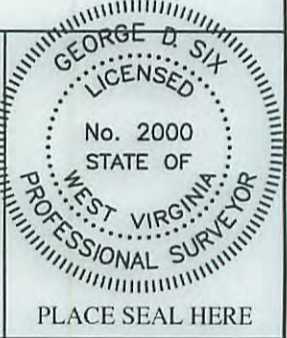
- NOTES:**
- There are no water wells or developed springs within 250' of proposed well.
  - There are no existing buildings within 625' of proposed well.
  - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
  - There are no native trout streams within 300' of proposed well.
  - Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
  - 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.

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

FILE #: BERGER 1H-AS DRILLED  
 DRAWING #: BERGER 1H-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



(+) 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 1H-AS DRILLED

API WELL #: 47 51 01702  
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1287.49'

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: 542.505±

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: 13,817'±

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

Well is located on topo map 1261' feet west of Longitude: 80° 45' 00"