

Well is located on topo map 113' feet south of Latitude: 39° 52' 30"

Well is located on topo map 1279' feet west of Longitude: 80° 45' 00"

**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.

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4413875.60 E:520986.61	UTM 17-NAD83 N:4414074.18 E:521202.93	UTM 17-NAD83 N:4415698.46 E:520081.32
NAD83, WV NORTH N:503157.85 E:1616398.83	NAD83, WV NORTH N:503797.63 E:1617119.54	NAD83, WV NORTH N:509204.89 E:1613483.46

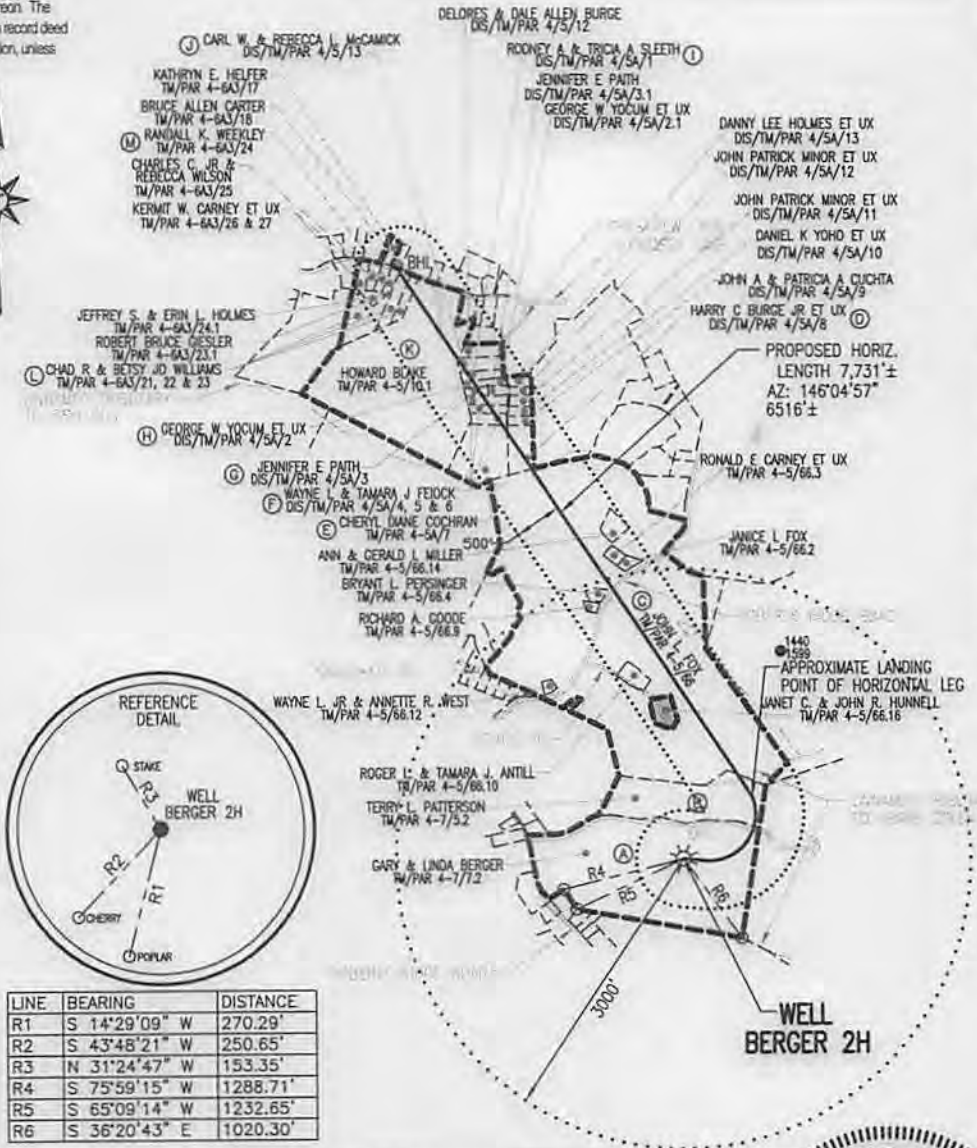
PARCEL	LESSOR
A	GARY & LINDA BERGER
B	TERRY L. PATTERSON
C	MARY E. PERSINGER, ET AL.
D	W.B. MINOR HEIRS
E	W.B. MINOR HEIRS
F	W.B. MINOR HEIRS
G	W.B. MINOR HEIRS
H	W.B. MINOR HEIRS
I	W.B. MINOR HEIRS
J	W.B. MINOR HEIRS
K	HOWARD BLAKE
L	CHAD R. & BETSY JO WILLIAMS
M	RANDALL K. WEEKLEY

**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



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

FILE #: BERGER 2H  
DRAWING #: BERGER 2H  
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: JANUARY 29, 2014  
OPERATOR'S WELL #: BERGER 2H  
API WELL #: 47 51 01703146A  
STATE COUNTY PERMIT

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

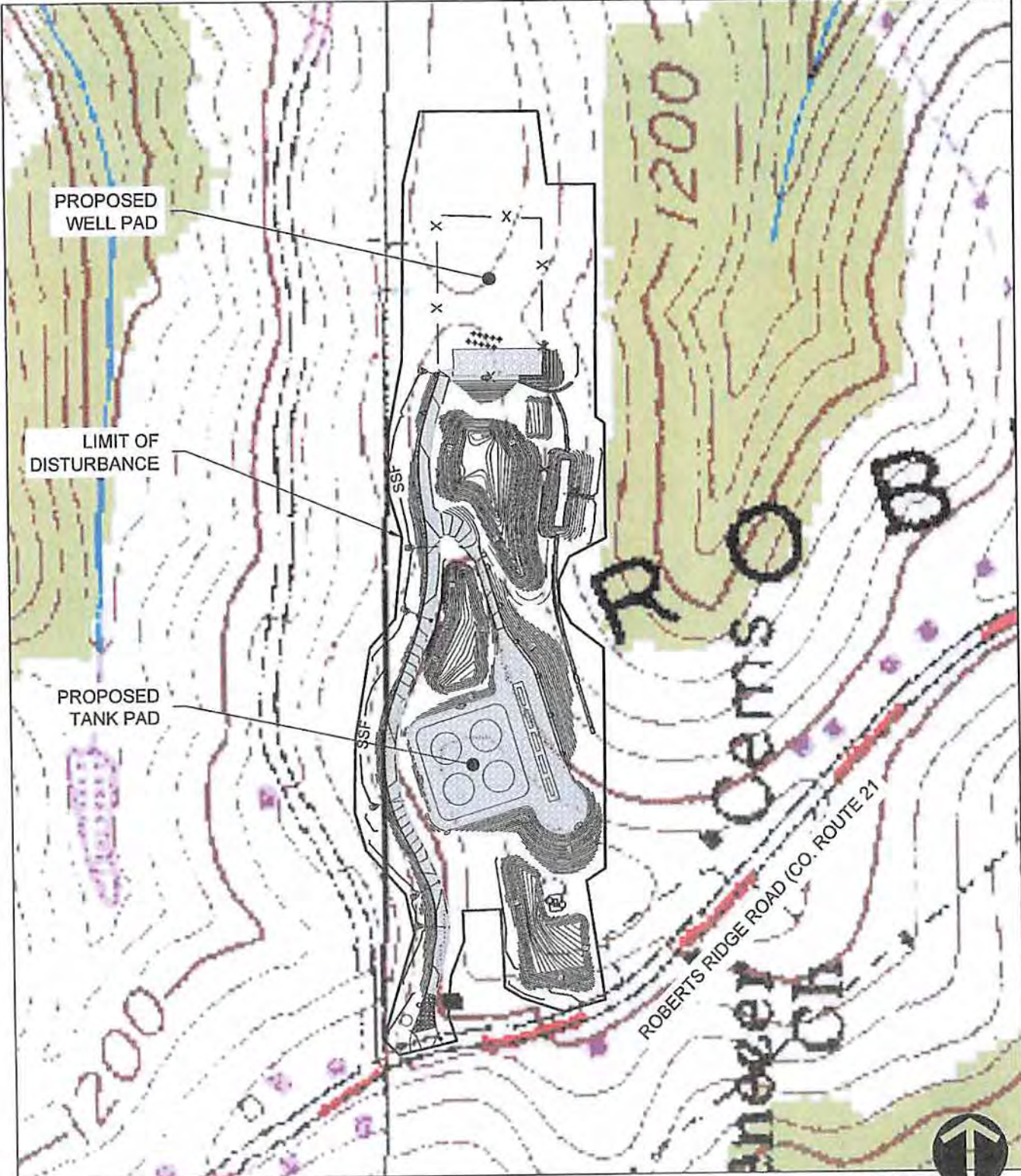
WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1287.56'  
COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWHATAN, OH-WV 7.5'  
SURFACE OWNER: GARY & LINDA BERGER ACREAGE: 51.753±  
OIL & GAS ROYALTY OWNER: GARY & LINDA BERGER ACREAGE: 285.356±

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: 13,851'±  
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

02/28/2014





SITE USGS LOCATION MAP  
 POWHATAN POINT AND BUSINESSBURG USGS QUADS  
 SCALE: 1" = 300'

RECEIVED  
 Office of Oil and Gas  
 NORTH

USGS SITE LOCATION MAP  
 Project Number: 0117144.0008  
 Drawing Scale: 1"=300'  
 Data Source: 2001, 2003  
 Index Number: 0117144.0008  
 Created By: JCB  
 Checked By: JCB  
 Project Manager: JCB  
 FIG-1

**BERGER WELLS AND TANK PAD**  
 ROBERTS RIDGE ROAD (CO. ROUTE 21), CLAY DISTRICT  
 MARSHALL COUNTY, WEST VIRGINIA  
 PREPARED FOR:  
**CHEVRON APPALACHIA, LLC**  
 800 MOUNTAIN VIEW DRIVE  
 SMITHFIELD, PA 15478

Date	No.	REVISION RECORD
-	01	-
-	02	-
-	03	-
-	04	-
-	05	-
-	06	-
-	07	-
-	08	-

82013  
**GATEWAY**  
 Consulting Engineers & Surveyors  
 400 Holiday Drive, Suite 900 Pittsburgh, PA 15220  
 Phone (412) 921-4030 - Fax (412) 921-9990  
 \*Tulsa, PA 0216 287 1126  
 www.gatewayinc.com