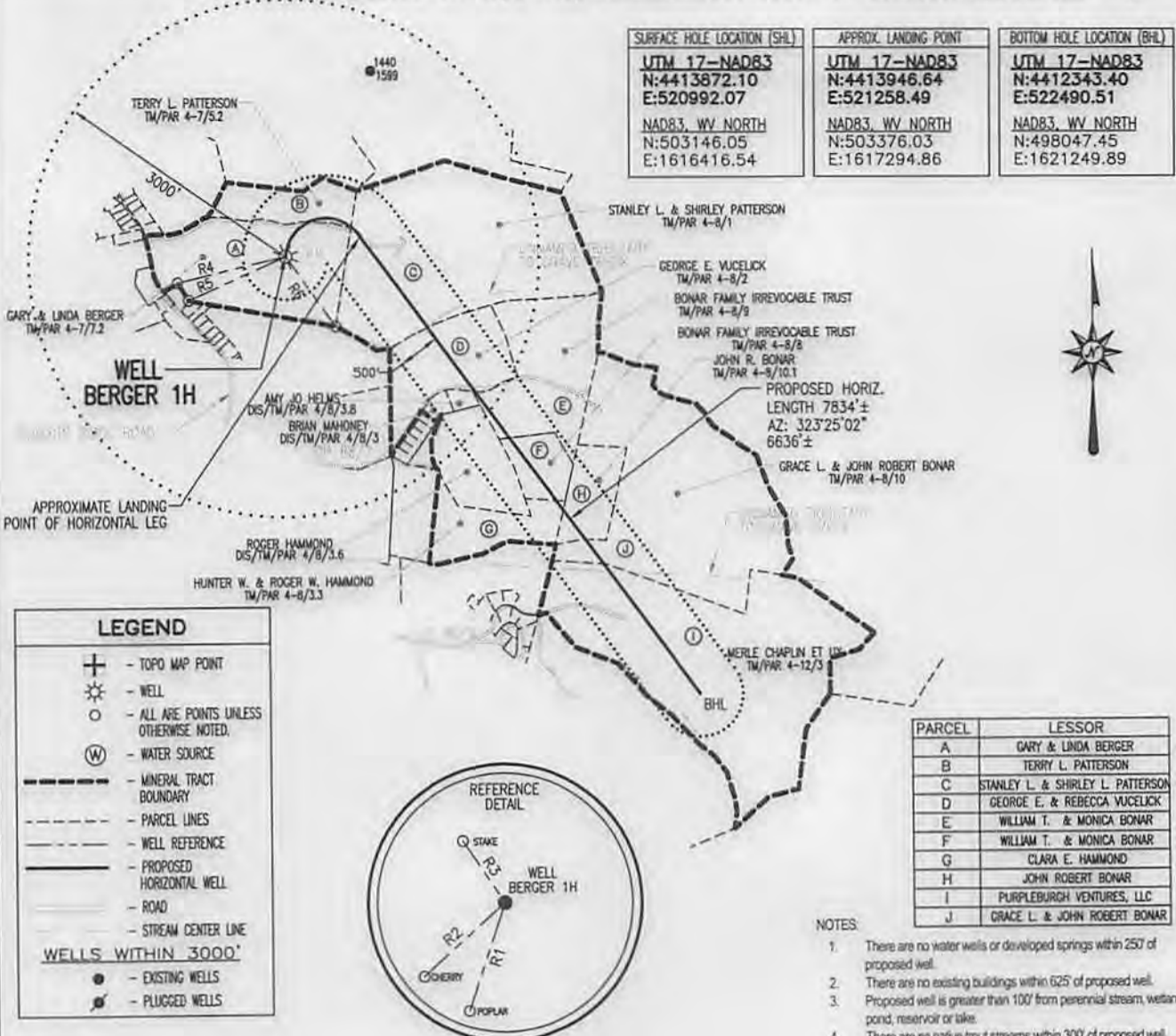


Well is located on topo map 124' feet south of Latitude: 39° 52' 30"

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



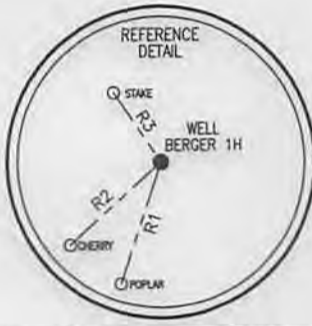
SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4413872.10 E:520992.07	UTM 17-NAD83 N:4413946.64 E:521258.49	UTM 17-NAD83 N:4412343.40 E:522490.51
NAD83, WV NORTH N:503146.05 E:1616416.54	NAD83, WV NORTH N:503376.03 E:1617294.86	NAD83, WV NORTH N:498047.45 E:1621249.89

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



PARCEL	LESSOR
A	GARY & LINDA BERGER
B	TERRY L. PATTERSON
C	STANLEY L. & SHIRLEY L. PATTERSON
D	GEORGE E. & REBECCA VUCELICK
E	WILLIAM T. & MONICA BONAR
F	WILLIAM T. & MONICA 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.

LINE	BEARING	DISTANCE
R1	S 18°51'00" W	264.07'
R2	S 48°30'45" W	255.26'
R3	N 34°23'04" W	172.88'
R4	S 76°40'46" W	1303.13'
R5	S 65°59'24" W	1243.90'
R6	S 35°55'44" E	1000.33'

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

FILE #: BERGER 1H

DRAWING #: BERGER 1H

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: JANUARY 29, 2014

OPERATOR'S WELL #: BERGER 1H

API WELL #: 47 51 01702464

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±

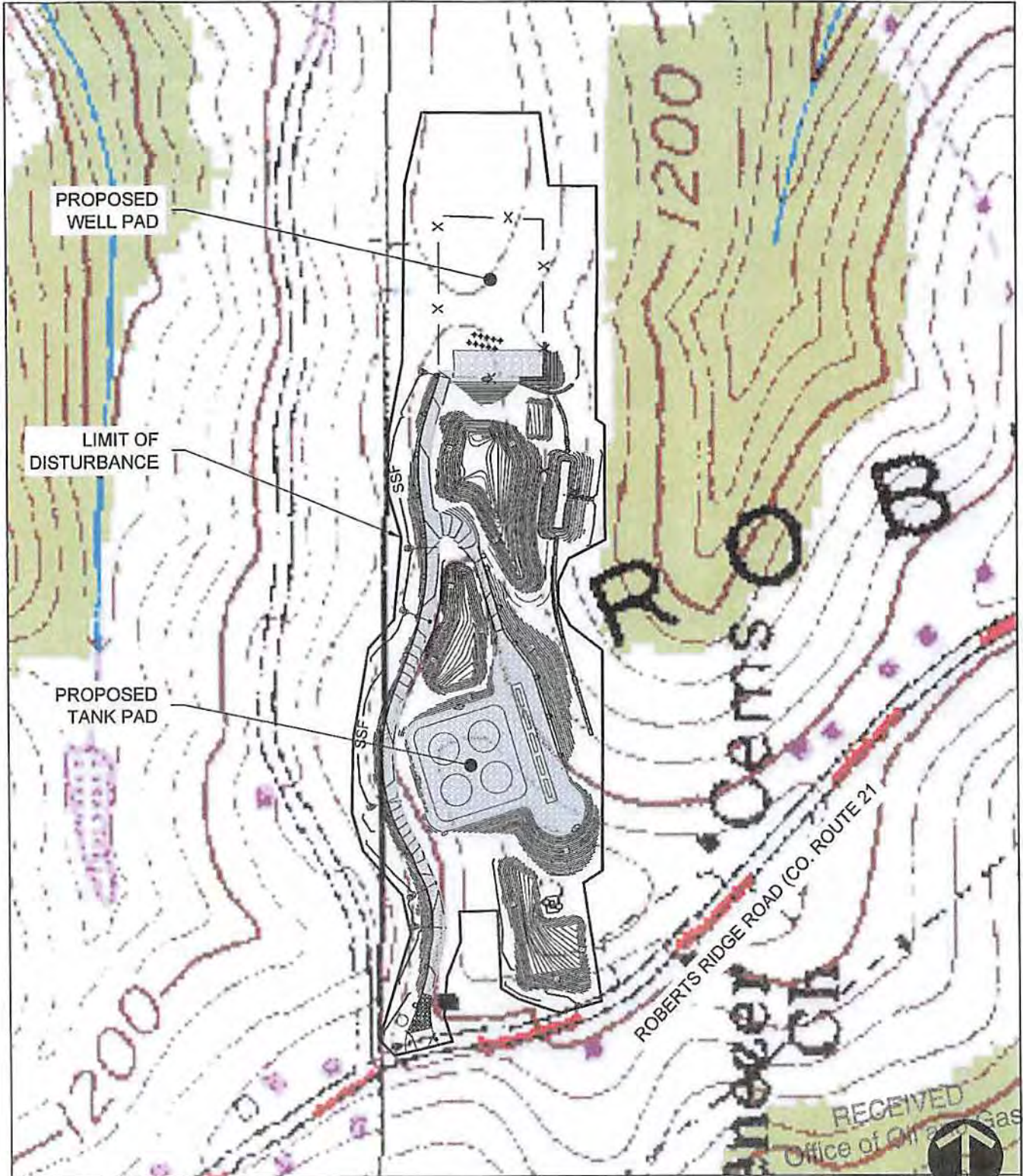
OIL & GAS ROYALTY OWNER: GARY & LINDA BERGER ACREAGE: 542.505±

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

02/28/2014



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

RECEIVED
 Office of Oil and Gas
 OCT 28 2011
 NORTH

USGS SITE LOCATION MAP
 Project Number: 0-11544-0100
 Drawing Scale: 1"=300'
 Date Issued: 08/21/2011
 Issue Number: 001
 Drawn By: JSC
 Checked By: JSC
 Project Manager: JSC
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	-

WV Department of Environmental Protection
GATEWAY
 Consulting Engineers & Surveyors
 400 Holiday Drive, Suite 300 Pittsburgh, PA 15220
 Phone (412) 921-4030 - Fax (412) 921-9960
 • Buffalo, PA (724) 287-1388 • Washington, PA (724) 233-3362
 http://www.gatewayeng.com