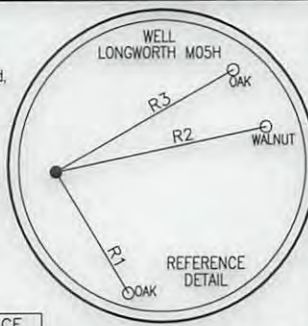


BHL is located on topo map 1,520 feet south of Latitude: 39° 50' 00"
 SHL is located on topo map 10,149 feet south of Latitude: 39° 52' 30"

NOTES:

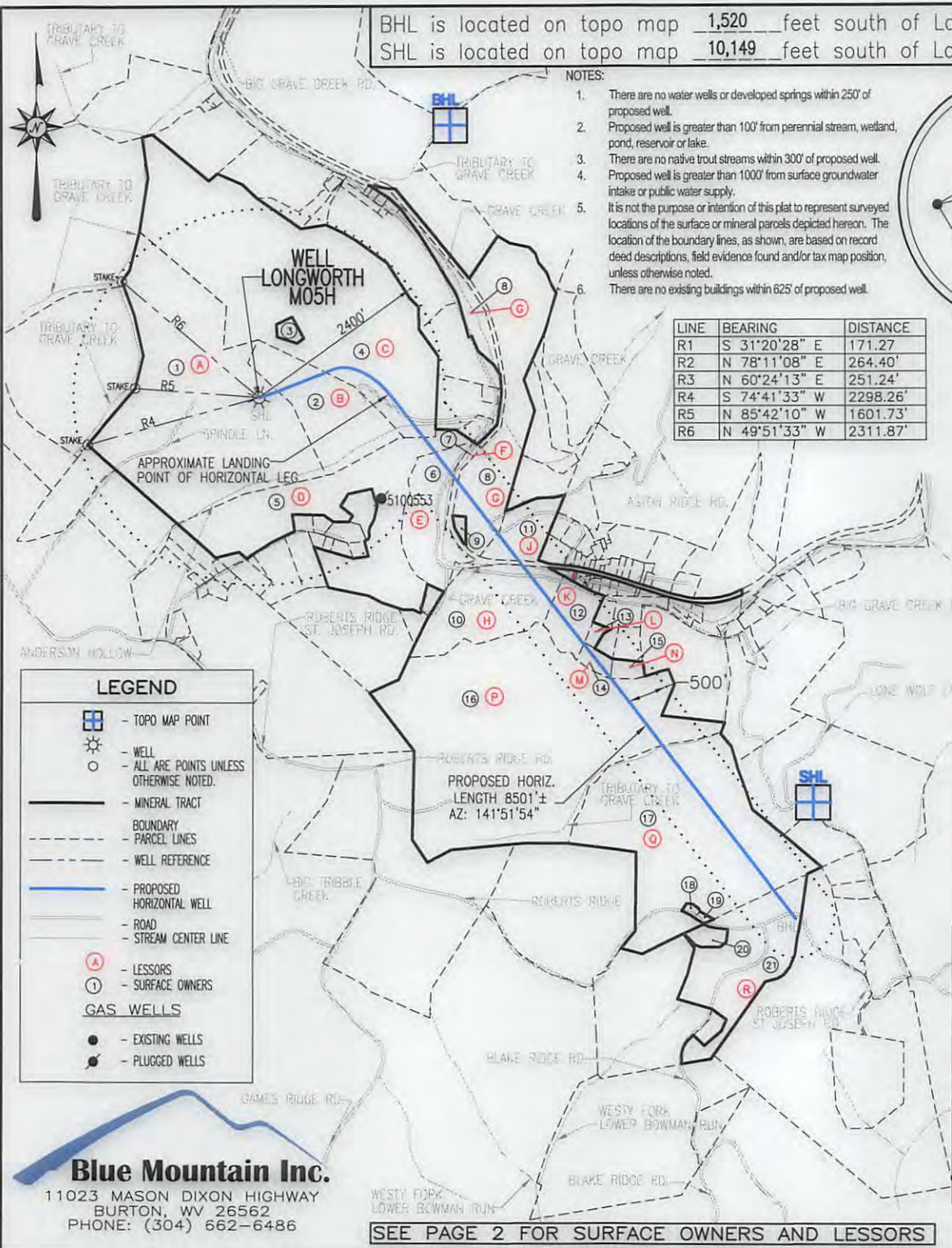
1. There are no water wells or developed springs within 250' of proposed well.
2. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
3. There are no native trout streams within 300' of proposed well.
4. Proposed well is greater than 1000' from surface groundwater intake or public water supply.
5. 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.
6. There are no existing buildings within 625' of proposed well.



LINE	BEARING	DISTANCE
R1	S 31°20'28" E	171.27
R2	N 78°11'08" E	264.40'
R3	N 60°24'13" E	251.24'
R4	S 74°41'33" W	2298.26'
R5	N 85°42'10" W	1601.73'
R6	N 49°51'33" W	2311.87'

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4410835.420
 E:523389.602
 NAD83, WV NORTH
 N:493049.687
 E:1624116.955
 LAT/LON-NAD83
 LAT:39°50'49.969"
 LON:80°43'35.747"
 APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4410857.51
 E:523901.44
 NAD83, WV NORTH
 N:493094.108
 E:1625797.759
 LAT/LON-NAD83
 LAT:39°50'50.64"
 LON:80°43'14.21"
BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4408847.15
 E:525534.83
 NAD83, WV NORTH
 N:486407.536
 E:1631047.449
 LAT/LON-NAD83
 LAT:39°49'45.26"
 LON:80°42'05.75"

BHL is located on topo map 9,865 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 5,182 feet west of Longitude: 80° 42' 30"

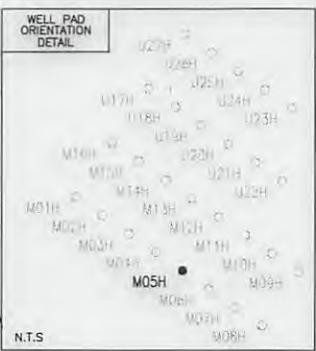


LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT
- BOUNDARY - PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS
- GAS WELLS
- EXISTING WELLS
- PLUGGED WELLS

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

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS



FILE #: LONGWORTH M05H-REV1.1
 DRAWING #: LONGWORTH M05H-REV1.1
 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 26, 2017
 OPERATOR'S WELL #: LONGWORTH M05H
 API WELL #: 47 51 01914MOD
 STATE COUNTY PERMIT H6A

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1294.18'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: GRAHAM H. LONGWORTH JR. ACREAGE: 123.589± 02/02/2018

OIL & GAS ROYALTY OWNER: GRAHAM H. LONGWORTH JR. ACREAGE: 849.548±

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: 6,600'± TMD: 15951.9'±

WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY
 Address 700 CHERRINGTON PARKWAY Address 500 LEE STREET, EAST SUITE 1600
 City CORAOPOLIS State PA Zip Code 15108 City CHARLESTON State WV Zip Code 25301-3202

LONGWORTH

M05H

PAGE 2 OF 2

	LESSOR	DIST-TM/PAR
A	GRAHAM H. LONGWORTH JR. ET AL	4-11/1
B	GRAHAM H. LONGWORTH JR. ET AL	4-11/2
	LISA NICEWARNER	
	JULIA RODGERS	
	KEITH FRIESE	
	MARK FRIESE	
	ANTHONY FRIESE	
	JAMES FRIESE	
	HENRY FRIESE	
	STEVEN FRIESE	
C	GRAHAM H. LONGWORTH JR. ET AL	4-12/16
	SHERI L. EVRAETS FAMILY TRUST	
	LISA NICEWARNER	
	JULIA RODGERS	
	KEITH FRIESE	
	MARK FRIESE	
	ANTHONY FRIESE	
	JAMES FRIESE	
	HENRY FRIESE	
D	DELORES J. FOX	4-11/54
E	CNX GAS COMPANY LLC	4-11/52
F	CNX GAS COMPANY LLC	4-11/59
G	HARRY F. ROUSH ET UX	4-11/3
H	JOE PAUL WELLMAN	9-1/2
	WILLIAM R. LEVASSEUR, JR.	
	FRANCIS THOMAS KROL, JR.	
	CHRISTINA L. BOARDWINE	
	DIANA L. WELLMAN	
	MARGARET ANN BONNETT	
	DOROTHY SEDOSKY	
	MARGARET E. DAKAN	
	DOLLYE GUZEK	
	LINDSEY R. FOSTER	
	NANCY DAKAN RACKLEY ET VIR	
	CNX GAS COMPANY LLC	
	RONALD W. DAKAN	
	DAVID H. DAKAN	
	SUZANNE SWIFT	
	BARBARA D. FURFARI	
	DIANE CLARE WILLIS ET VIR	
	LESLIE MARIE BUTTS	
	JOSEPH G. DAKAN	
	ELAINE A. FONTES	
	DIANA K. COSLICK	
LESLEY D. BALLA		
J	GLEN WILLIAM CONNER	4-11/51
K	ALVIN D. BARRETT ET UX	9-1/3
L	*ROSEANN TRAYON	9-1/4.4
	*DIANA L. WELLMAN	
	*MARGARET ANN BONNETT	
	*JOE PAUL WELLMAN	
	*CHRISTINA L. BOARDWINE	
	*FRANCIS THOMAS KROL, JR.	
	*WILLIAM R. LEVASSEUR, JR.	
M	CINDY S. TRAYON ET AL	9-1/4.6
	DIANA L. WELLMAN	
	MARGARET ANN BONNETT	
	JOE PAUL WELLMAN	
	CHRISTINA L. BOARDWINE	
	FRANCIS THOMAS KROL, JR.	
N	ROBERT L. TRAYON, JR. ET UX	9-1/4.5
	DIANA L. WELLMAN	
	MARGARET ANN BONNETT	
	JOE PAUL WELLMAN	
	CHRISTINA L. BOARDWINE	
	FRANCIS THOMAS KROL, JR.	
P	HOWARD E. YOUNG BY AIF SUSAN YOUNG	9-1/18
Q	DANIEL L. DOBBS ET UX	9-1/16
R	PETER MILLER	9-1/24

	SURFACE OWNER	DIST-TM/PAR
1	GRAHAM H. LONGWORTH JR.	4-11/1
2	GRAHAM H. LONGWORTH JR.	4-11/2
3	DANIEL C. SR. AND JEANNETTE L. LONGWORTH	4-12/16.1
4	DANIEL C. LONGWORTH	4-12/16
5	DUNCAN OR SUSAN ARNETT	4-11/54
6	HARRY & DONNA ROUSH	4-11/52
7	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT.	4-11/59
8	HARRY F. ROUSH ET UX	4-11/3
9	DEAN ROUSH ET UX	4-11/3.1
10	HARRY & DONNA ROUSH	9-1/2
11	GLEN W. CONNER ET UX	4-11/51
12	ALVIN DALE BARRETT ET UX	9-1/3
13	*ROSEANN TRAYON	9-1/4.4
14	CINDY SUE TRAYON & BRIAN CROW	9-1/4.6
15	ROBERT L. JR. & AMY J. TRAYON	9-1/4.5
16	CNX LAND RESOURCES INC.	9-1/18
17	CNX LAND RESOURCES INC.	9-1/16
18	MACK A. CROW ET UX	9-1/17
19	MACK A. CROW ET UX	9-1/16.1
20	VICKIE CROW	9-1/24.1
21	PETER A. MILLER	9-1/24

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51- 01914 MOD
H6A

02/02/2018