

SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4410832.905
 E:523393.419
 NAD83, WV NORTH
 N:493041.227
 E:1624129.342

BHL is located on topo map 3,013 feet south of Latitude: 39° 50' 00"
 SHL is located on topo map 10,158 feet south of Latitude: 39° 52' 30"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

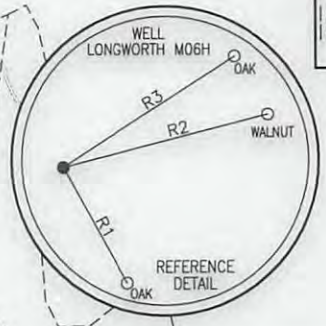
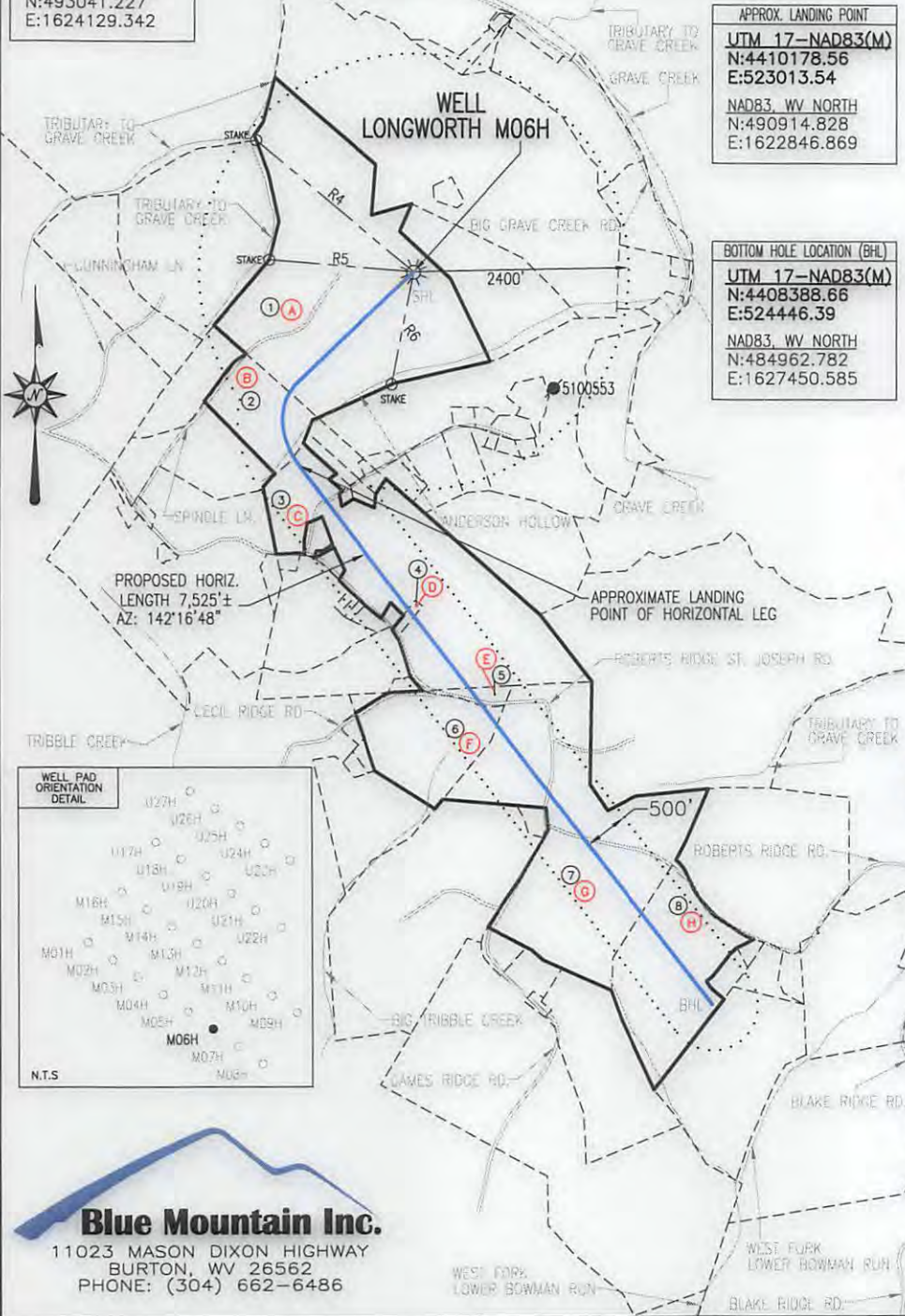
APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4410178.56
 E:523013.54
 NAD83, WV NORTH
 N:490914.828
 E:1622846.869

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4408388.66
 E:524446.39
 NAD83, WV NORTH
 N:484962.782
 E:1627450.585

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

- NOTES:**
- There are no water wells or developed springs within 250' 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.
 - There are no existing buildings within 625' of proposed well.



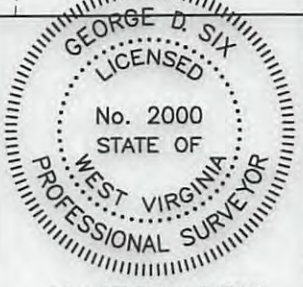
LINE	BEARING	DISTANCE
R1	S 29°05'54" E	157.73'
R2	N 75°44'50" E	254.24'
R3	N 57°15'07" E	245.03'
R4	N 50°39'46" W	2273.03'
R5	N 85°26'11" W	1614.72'
R6	S 11°07'49" W	1266.01'

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

FILE #: LONGWORTH M06H
 DRAWING #: LONGWORTH M06H
 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



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 9, 2017
 OPERATOR'S WELL #: LONGWORTH M06H
 API WELL #: 47 51 01916 HGA
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1292.47'

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

SURFACE OWNER: GRAHAM H. LONGWORTH, JR. ACREAGE: 123.589±

OIL & GAS ROYALTY OWNER: GRAHAM H. LONGWORTH, JR. ACREAGE: 419.495±

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: 15,644.43'±

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

BHL is located on topo map 1,740 feet west of Longitude: 80° 42' 30"
 SHL is located on topo map 5,169 feet west of Longitude: 80° 42' 30"



03/03/2017

LONGWORTH

M06H

PAGE 2 OF 2

	LESSOR	DIST-TM/PAR
A	GRAHAM H. LONGWORTH, JR. ET AL	4-11/1
B	HOLMES CWC LEGACY LLC	4-11/55
C	CLINT E. FLOWERS ET AL	4-11/56
D	THOMAS O. RICHMOND ET UX	4-11/56.1
E	STEPHANIE L. GATTS	4-11/58
F	CHARLES R. KERNAN ET UX	9-1/19
G	SHANNON ROGER HUBBS ET UX	9-1/21
H	DEAN B. COLVIN	9-1/22.2
	MARGARET KINNEY	
	PATRICIA COLVIN GRANDSTAFF	
	MARILYN PYLES SNYDER	
	JAMES E. PYLES	
	SUSAN ASTON	
	CAROL HULL	
	DAVID GEORGE MOORE	
	BETTY LOU DELLGET KERNS	
	MARILYN SOUTH	
	HOWARD GUMP ET UX	
	JUDY REILLEY FEIERSTEIN	
	RICHARD O'HARA	
	CATHY J. COLVIN	
	ALICE FAYE VAN DINE	
	LORA FORNSHELL	
	KEITH PYLES	
	WANDA L. PYLES	
	SHERLEY M. WHITE, FKA SHERLEY M. VAN DINE	
	VERENDA STOKES	
	DOMINAE VESICO-RAMIREZ	
	KRISTA L. VAN DINE	
	ROBERT P. COLVIN	
	RONALD PYLES	
	DONALD COOK - POA CAROL HULL	
	KEVIN O'HARA	
	CATHY LUDWIG GARRETT	
	ROBERT R. D'ERAMO, JR. ET AL	
	DEBRA FORDYCE	
	KEITH JOEL VAN DINE	
	GLADYS PETRELLE BY AIF SHIRLEY BUFFONE	
	RODNEY COLVIN	
	PAULA REILLEY	
	VICKIE EISENHAEUER	
	KIM YOHO	
	JASON COLVIN	
	BRENDA WILLINGHAM	
	DONALD COLVIN	
	MICHAEL COLVIN	
	STACY PANYKO	
	HAROLD E. VAN DINE	
	JOHN E. VAN DINE	

	SURFACE OWNER	DIST-TM/PAR
1	GRAHAM H. LONGWORTH, JR.	4-11/1
2	HOLMES-CWC-LEGACY LLC	4-11/55
3	CLINT E. & BRENT B. FLOWERS	4-11/56
4	THOMAS O. RICHMOND, ET UX.	4-11/56.1
5	KENNETH A. MAYHUGH, II & SHELBY E. HARRIS	4-11/58
6	CHAS R. & EDITH V. KERNAN	9-1/19
7	CNX LAND RESOURCES INC.	9-1/21
8	GEORGE CHRIS LAGOS, ET UX.	9-1/22.2

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