

BHL is located on topo map 1,462 feet south of Latitude: 39° 50' 00"
 SHL is located on topo map 10,166 feet south of Latitude: 39° 52' 30"

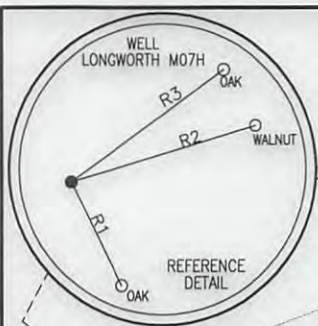
SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

LINE	BEARING	DISTANCE
R1	S 26°26'08" E	144.46'
R2	N 73°06'39" E	244.58'
R3	N 53°56'44" E	239.58'
R4	S 75°15'28" W	2317.79'
R5	N 69°44'49" W	1616.56'
R6	N 37°16'10" W	794.99'

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

BHL is located on topo map 10,872 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 5,157 feet west of Longitude: 80° 42' 30"



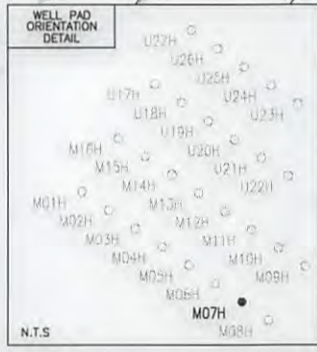
SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4410830.391
 E:523397.263
 NAD83, WV NORTH
 N:493032.767
 E:1624141.728

APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4410743.36
 E:523721.22
 NAD83, WV NORTH
 N:492729.406
 E:1625200.158

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4408863.65
 E:525227.93
 NAD83, WV NORTH
 N:486478.670
 E:1630041.316

- 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.

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



FILE #: LONGWORTH M07H
 DRAWING #: LONGWORTH M07H
 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:

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 M07H
 API WELL #: 47 51 01917 HLG
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1290.96'

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: 572.402±

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: 15,009.73'±

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

03/03/2017

LONGWORTH

M07H

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	DELORES J. FOX	4-11/54
D	CNX GAS COMPANY LLC	4-11/52
E	CNX GAS COMPANY LLC	4-11/59
F	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		
G	HOWARD E. YOUNG BY AIF SUSAN YOUNG	9-1/18
H	DANIEL L. DOBBS ET UX	9-1/16

	SURFACE OWNER	DIST-TM/PAR
1	GRAHAM H. LONGWORTH JR.	4-11/1
2	GRAHAM H. LONGWORTH JR.	4-11/2
3	DUNCAN OR SUSAN ARNETT	4-11/54
4	HARRY & DONNA ROUSH	4-11/52
5	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-11/59
6	HARRY & DONNA ROUSH	9-1/2
7	CNX LAND RESOURCES INC.	9-1/18
8	CNX LAND RESOURCES INC.	9-1/16

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JANUARY 9, 2017