

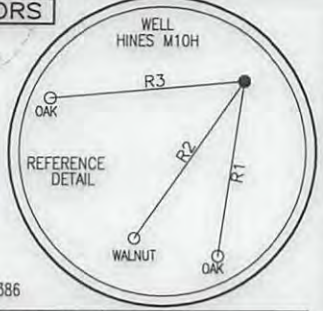
SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4417391.37
 E:525708.05
 NAD83, WV NORTH
 N:514435.887
 E:1632084.546

APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4417073.37
 E:525387.72
 NAD83, WV NORTH
 N:513409.917
 E:1631015.928

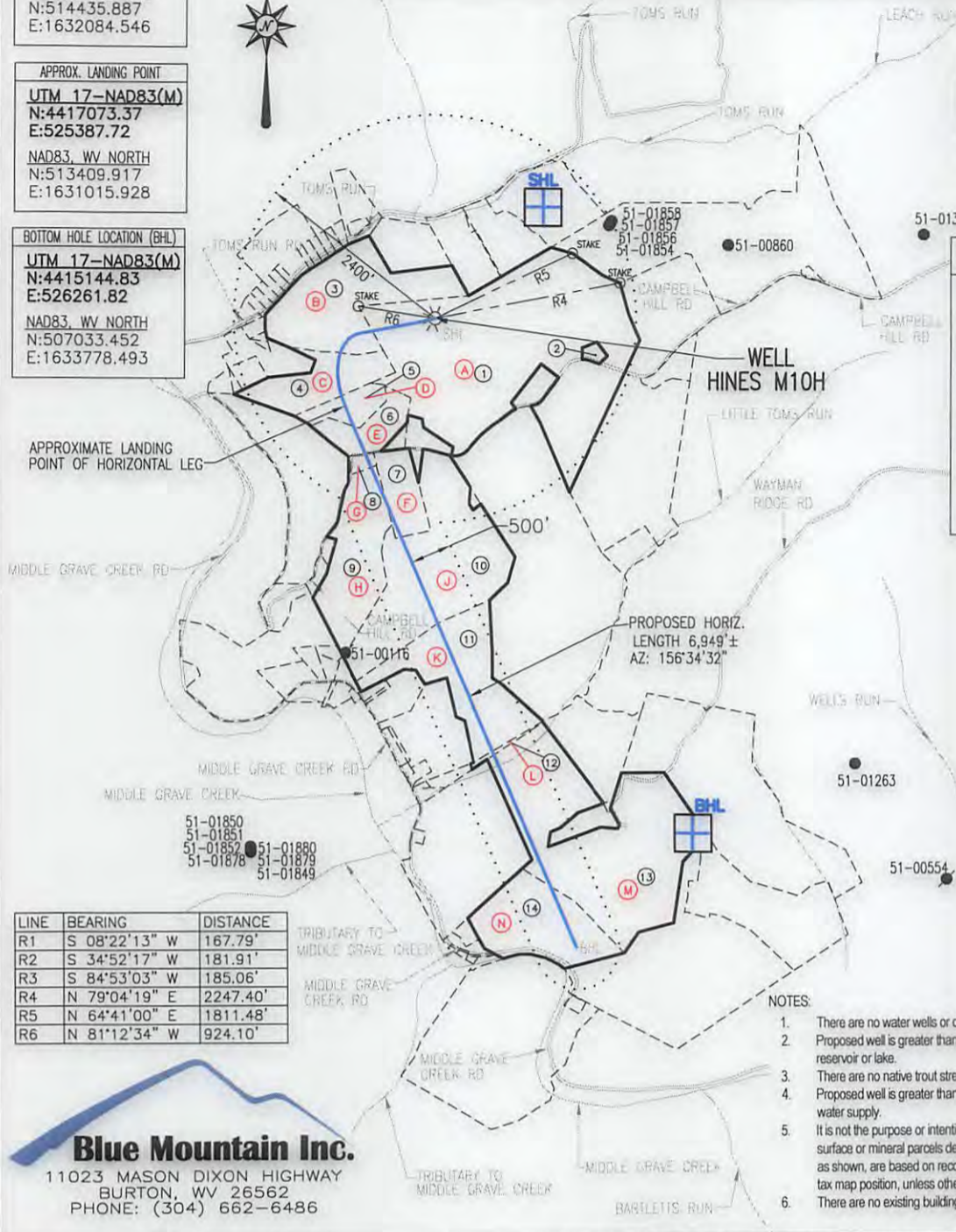
BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4415144.83
 E:526261.82
 NAD83, WV NORTH
 N:507033.452
 E:1633778.493

BHL is located on topo map 11,186 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 3,807 feet south of Latitude: 39° 55' 00"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS



BHL is located on topo map 7,347 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 9,137 feet west of Longitude: 80° 40' 00"



WELL PAD ORIENTATION DETAIL

MD10C	M10C	W10C	U10C
MD20C	M20C	W20C	U20C
MD30C	M30C	W30C	U30C
MD40C	M40C	W40C	U40C
MD50C	M50C	W50C	U50C
MD60C	M60C	W60C	U60C
MD70C	M70C	W70C	U70C
MD80C	M80C	W80C	U80C
MD90C	M90C	W90C	U90C
MD100C	M100C	W100C	U100C
MD110C	M110C	W110C	U110C
MD120C	M120C	W120C	U120C
MD130C	M130C	W130C	U130C
MD140C	M140C	W140C	U140C
MD150C	M150C	W150C	U150C
MD160C	M160C	W160C	U160C
MD170C	M170C	W170C	U170C
MD180C	M180C	W180C	U180C
MD190C	M190C	W190C	U190C
MD200C	M200C	W200C	U200C

N.T.S.

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
- LOCATE & AVOID

GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS

LINE	BEARING	DISTANCE
R1	S 08°22'13" W	167.79'
R2	S 34°52'17" W	181.91'
R3	S 84°53'03" W	185.06'
R4	N 79°04'19" E	2247.40'
R5	N 64°41'00" E	1811.48'
R6	N 81°12'34" W	924.10'

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

- 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.

FILE #: HINES M10H
 DRAWING #: HINES M10H
 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: MARCH 7, 2017
 OPERATOR'S WELL #: HINES M10H
 API WELL #: 47 51 01932
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1125.45'

COUNTY/DISTRICT: MARSHALL / WASHINGTON QUADRANGLE: MOUNDSVILLE, WV 7.5'

SURFACE OWNER: DONALD HINES ET UX ACREAGE: 114.934±

OIL & GAS ROYALTY OWNER: DONALD HINES ET UX ACREAGE: 419.163±

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: 6,400'± TMD: 14,189'±

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

08/18/2017

HINES M10H PAGE 2 OF 2

	LESSOR	DIST-TM/PAR
A	DONALD HINES ET UX	14-12/30
B	WILLIAM F. RULONG	14-12/25
	CHARLES BURTON RULONG	
	HAROLD DEAN FURBEE	
	DALE FRANCIS FURBEE	
	ROBERT L. RULONG	
	DRU ELLA FOX	
	JOHN T. MORRIS	
	LYNN ELLEN COOK	
	ETHEL M. RULONG	
	TERRY LEE RULONG	
	RICHARD J. RULONG	
	TRACEY LYNN RULONG	
	GARY MORRISON	
	ELIZABETH Y. MORRISON	
ROGER GLEN RULONG		
TRUSTEES LIMESTONE PRESBYTERIAN CHURCH		
CLYDE DOWLER ET UX		
LAURA J. REYES		
C	ARNIE N. GOODNIGHT ET UX	14-12/66
D	MORGAN T. LACEFIELD	14-12/30.5
E	MORGAN T. LACEFIELD	14-12/30.1
F	DONALD M. BOSTON ET AL	14-12/33.2
G	ELIHU B. SERDA ET UX	14-12/45.1
H	SHANNETTE OMEAR	14-12/45
	SANDRA K. FULLER	
	DOUGLAS L. PARSONS	
	DONALD M. BOSTON ET UX	
	DAVID D. PARSONS ET UX	
	JAMES CRAIG PARSONS	
	ROBERT B. FULLER TEST TRUSTEE	
GRACE I. SCARBOROUGH		
J	SHANNETTE OMEAR	14-12/33
	SANDRA K. FULLER	
	DOUGLAS L. PARSONS	
	DONALD M. BOSTON ET UX	
	DAVID D. PARSONS ET UX	
	JAMES CRAIG PARSONS	
	ROBERT B. FULLER TEST TRUSTEE	
GRACE I. SCARBOROUGH		
K	SHANNETTE OMEAR	14-12/34
	SANDRA K. FULLER	
	DOUGLAS L. PARSONS	
	DONALD M. BOSTON ET UX	
	DAVID D. PARSONS ET UX	
	JAMES CRAIG PARSONS	
	ROBERT B. FULLER TEST TRUSTEE	
GRACE I. SCARBOROUGH		
L	RICHARD C. YOHO ET UX	14-13/41
M	TODD R. KETTLER ET UX	14-13/2
N	THOMAS AND EVELYN JOHNSON	14-13/22

	SURFACE OWNER	DIST-TM/PAR
1	DONALD HINES ET UX	14-12/30
2	TERRY L. DERROW ET UX	14-12/30.3
3	IRENE D. MILLER	14-12/25
4	ARNIE N. GOODNIGHT ET UX	14-12/66
5	MORGAN T. LACEFIELD	14-12/30.5
6	MORGAN LACEFIELD	14-12/30.1
7	DONALD M. BOSTON ET UX - LIFE	14-12/33.2
8	ELIHU B. & MAILA L. SERDA	14-12/45.1
9	HENRY T. PARSONS EST ET AL	14-12/45
10	HENRY T. PARSONS EST ET AL	14-12/33
11	HENRY T. PARSONS EST ET AL	14-12/34
12	RICHARD C. & CARLA V. YOHO	14-13/41
13	TODD & DAWN R. KETTLER	14-13/2
14	EVELYN RUTH JOHNSON	14-13/22

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