

BHL is located on topo map 10,801 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 3,777 feet south of Latitude: 39° 55' 00"

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.

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

SURFACE HOLE LOCATION (SHL)

UTM 17-NAD83(M)
 N:4417400.513
 E:525708.256
 NAD83, WV NORTH
 N:514465.864
 E:1632085.721

APPROX. LANDING POINT

UTM 17-NAD83(M)
 N:4417400.513
 E:525146.57
 NAD83, WV NORTH
 N:513470.214
 E:1632025.394

BOTTOM HOLE LOCATION (BHL)

UTM 17-NAD83(M)
 N:4415261.15
 E:525960.04
 NAD83, WV NORTH
 N:507431.723
 E:1632794.593

BHL is located on topo map 8,336 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 9,136 feet west of Longitude: 80° 40' 00"

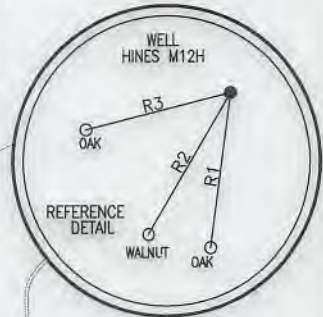
WELL PAD ORIENTATION DETAIL

M01HC	M14HC	U15HC	U26HC	
M02HC	M15HC	U16HC	U27HC	U28HC
M03HC	M12H	U17HC	U25HC	U30HC
M04HC	M11HC	M16HC	U25HC	U31HC
M05HC	M10HC	M15HC	U24HC	U32HC
M06HC	M09HC	M14HC	U23HC	U33HC
M07HC	M08HC	M13HC	U22HC	U34HC

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
- GAS WELLS
- EXISTING WELLS
- PLUGGED WELLS



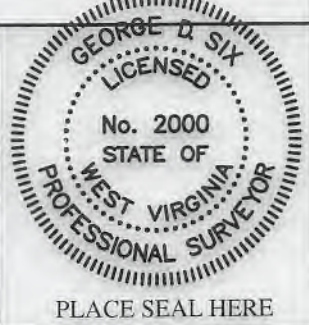
LINE	BEARING	DISTANCE
R1	S 07°25'46" W	197.66'
R2	S 30°23'40" W	207.80'
R3	S 75°55'28" W	191.19'
R4	N 18°40'30" E	626.36'
R5	N 79°50'58" E	2241.88'
R6	S 66°12'20" E	1385.53'

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

FILE #: HINES M12H
 DRAWING #: HINES M12H
 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 24, 2018
 OPERATOR'S WELL #: HINES M12H
 API WELL #: 47 51 02084
 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: 418.613±

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: 6,289'± TMD: 14,436.61'±

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

HINES M12H PAGE 2 OF 2

10/05/2018

	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	
LIMESTONE PRESBYTERIAN CHURCH TRUSTEES		
CLYDE DOWLER ET UX		
LAURA J. REYES		
C	OSCAR JACKSON GOODNIGHT ET UX	14-12/67
D	ARNIE N. GOODNIGHT ET UX	14-12/66
E	PAUL DAVID YOHO	14-12/65
	SHIRLEY MCWHORTER	
	IRENE GLOVER	
	CARL WAYNE YOHO	
	CAROLYN GAUGHAN	
	JILL YOHO-WHITE	
F	*DELBERT MARSHALL VAN SCYOC ET UX	14-12/46
G	SHANNETTE OMEAR	14-12/45
H	SANDRA K. FULLER	14-12/33
J	DOUGLAS L. PARSONS	14-12/34
	DONALD M. BOSTON ET UX	
	DAVID D. PARSONS ET UX	
	JAMES CRAIG PARSONS	
	ROBERT B. FULLER TEST TRUSTEE	
	GRACE I. SCARBOROUGH	
K	KEVIN W. ROGERS JR., ET UX	14-12/37
L	CAROL SUE ONEIL CROFT	14-12/35
	THOMAS PARSONS	
	TEDDY HOWARD PARSONS	
	KENNETH ROBERT PARSONS	
	SANDRA K. FULLER	
	SHANNETTE OMEAR	
	BERNICE MAE MCKIMMIE	
	DONALD HERBERT PARSONS	
	DONNA GASSAWAY IAMS	
	PATRICIA A. PARSONS	
	DOUGLAS L. PARSONS	
	GRACE SCARBOROUGH	
	FRANKI LEE PARSONS	
	DANIEL F. PARSONS	
	DAVID D. PARSONS ET UX	
	DARLENE BOSTON ET VIR	
	DANNY K. WALKER	
MARY MABLE MORGAN AIF PHYLLIS JEAN CONLEY		
RICHARD BAKER ET UX		
HILLVIEW TERRACE CHURCH OF CHRIST		
ROBERT FULLER TEST TRUSTEE		
EVAN ROBERT VERBA		
M	RICHARD C. YOHO ET UX	14-13/42
N	RICHARD L. MARTIN ET UX	14-13/41.1
P	JENNIFER KELCH	14-13/26
Q	THOMAS AND EVELYN JOHNSON	14-13/22

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BOTTOM HOLE LOCATION (BHL)

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E:525960.04
 NAD83, WV NORTH
 N:507431.723
 E:1632794.593

	SURFACE OWNER	DIST-TM/PAR
1	DONALD HINES ET UX	14-12/30
2	TERRY L. DERROW ET UX	14-12/30.3
3	ARNIE N. GOODNIGHT ET UX	14-12/25
4	OSCAR JACKSON & ARLENE J. GOODNIGHT	14-12/67
5	ARNIE N. GOODNIGHT ET UX	14-12/66
6	DELBERT M. & SYLVIA I. VAN SCYOC - LIFE	14-12/65
7	*DELBERT M. & SYLVIA I. VAN SCYOC - LIFE	14-12/46
8	HENRY T. PARSONS EST ET AL	14-12/45
9	HENRY T. PARSONS EST ET AL	14-12/33
10	HENRY T. PARSONS EST ET AL	14-12/34
11	KEVIN W. JR. & REBECCA ROGERS	14-12/37
12	CAROL SUE CROFT-ONEIL ET VIR	14-12/35
13	RICHARD C. & CARLA V. YOHO	14-13/42
14	RICHARD L. & DARLENE K. MARTIN	14-13/41.2
15	RICHARD L. & DARLENE K. MARTIN	14-13/41.1
16	JENNIFER KELCH	14-13/26
17	EVELYN RUTH JOHNSON	14-13/22

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

SEPTEMBER 24, 2018