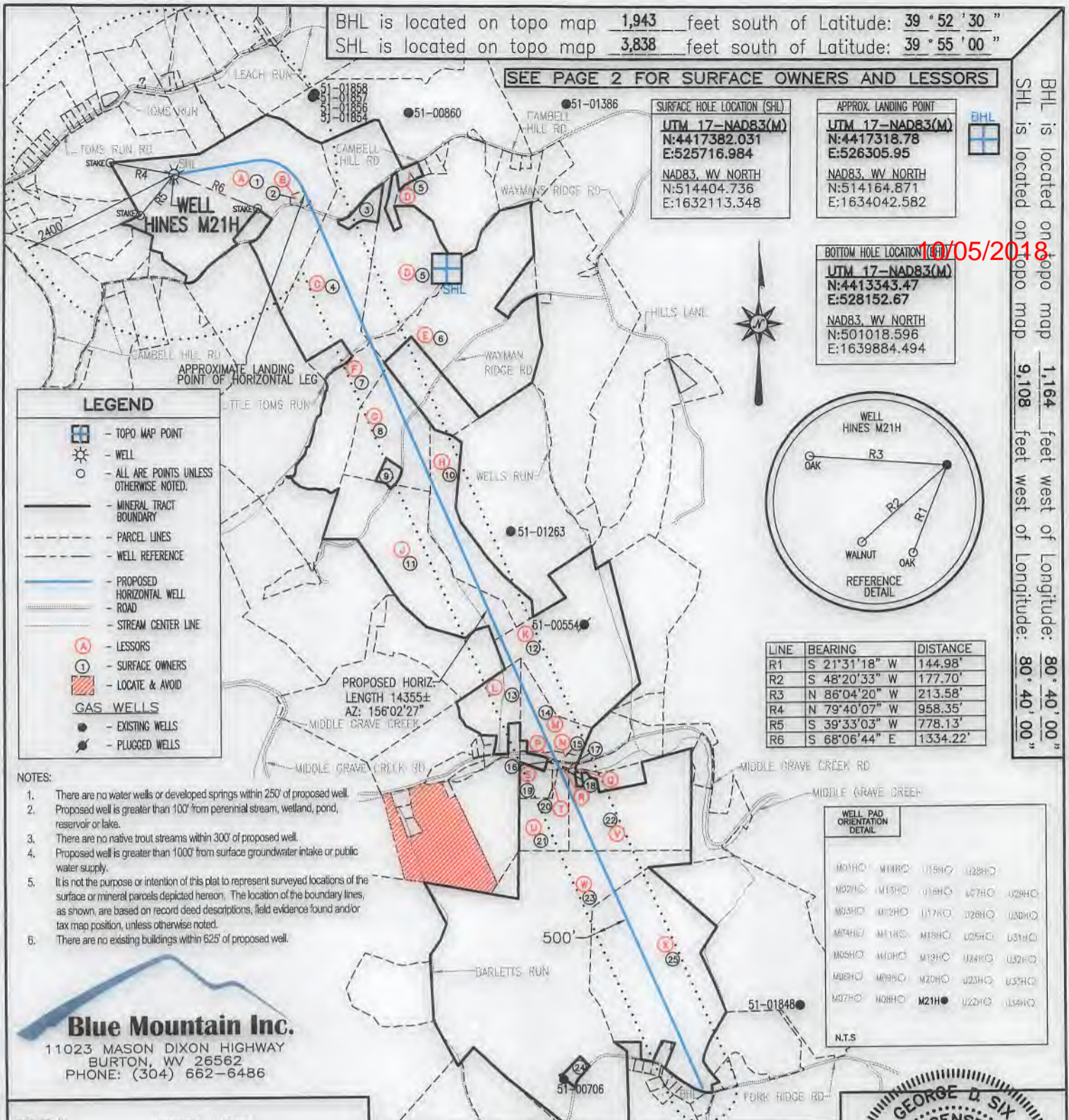


BHL is located on topo map 1,943 feet south of Latitude: 39° 52' 30"
 SHL is located on topo map 3,838 feet south of Latitude: 39° 55' 00"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS



BHL is located on topo map 1,164 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 9,108 feet west of Longitude: 80° 40' 00"

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4417382.031
 E:525716.984
 NAD83, WV NORTH
 N:514404.736
 E:1632113.348

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4417318.78
 E:526305.95
 NAD83, WV NORTH
 N:514164.871
 E:1634042.582

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4413343.47
 E:528152.67
 NAD83, WV NORTH
 N:501018.596
 E:1639884.494

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 21°31'18" W	144.98'
R2	S 48°20'33" W	177.70'
R3	N 86°04'20" W	213.58'
R4	N 79°40'07" W	958.35'
R5	S 39°33'03" W	778.13'
R6	S 68°06'44" E	1334.22'

- 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.

WELL PAD ORIENTATION DETAIL

M01HC	M18HC	U15HC	U28HC
M02HC	M19HC	U16HC	U29HC
M03HC	M20HC	U17HC	U30HC
M04HC	M21HC	U18HC	U31HC
M05HC	M22HC	U19HC	U32HC
M06HC	M23HC	U20HC	U33HC
M07HC	M24HC	U21HC	U34HC

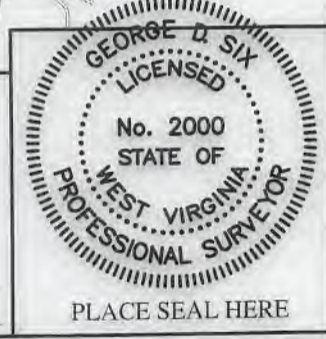
N.T.S.

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

FILE #: HINES M21H
 DRAWING #: HINES M21H
 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 M21H
 API WELL #: 47 51 02088
 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: 947.587±

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: 21,954.65'±

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

M21H

PAGE 2 OF 2

	SURFACE OWNER	DIST-TM/PAR
1	DONALD HINES ET UX	14-12/30
2	TERRY L. DERROW ET UX	14-12/30.3
3	EARNEST L. ROBERTS ET UX	14-12/31.1
4	PATRICIA SUE HOSKINS	14-12/31
5	PAUL E. & BRENT L. SHIPLEY	14-11/16
6	COUNTRY ROADS PROPERTIES LLC	14-11/14
7	PATRICIA SUE HOSKINS	14-13/4
8	TIMOTHY G. GEHO ET UX	14-13/5
9	RICKY L. & TAMMY J. WATSON	14-13/5.1
10	JAMES J. CAVENEY ET UX	14-13/7
11	TIMOTHY G. GEHO ET UX	14-13/6
12	JAMES J. CAVENEY ET UX	14-13/10
13	R. M. COFFIELD FAMILY TRUST	14-13/15
14	KEVIN COULTER ET AL	14-13/50
15	KEVIN COULTER ET AL	14-13/51
16	MICHAEL A. & WENDY S. KELLEY	14-13/53
17	*DONALD G. ROGERSON SR. - LIFE	14-13/55
18	DONALD G. ROGERSON SR. - LIFE	14-13/54
19	MICHAEL A. & WENDY S. KELLEY	3-1/5.3
20	*MICHAEL KELLEY	14-13/56
21	DONALD G. ROGERSON SR. - LIFE	3-1/4
22	DONALD G. ROGERSON SR. - LIFE	3-1/6
23	RICHARD P. FORSHEY	3-1/7
24	MELINDA R. SIMMONS	3-1/7.1
25	SAMUEL J. & SANDRA HEATER	3-1/9.1

	LESSOR	DIST-TM/PAR
L	ROBERT W. COFFIELD ET UX	14-12/30
M	JUNE ELLEN BOSO	14-13/50
N	HAROLD ELLIS LOGSDON ET UX	14-13/51
P	DEAN LOGSDON ET UX	14-13/53
Q*	AMY LYNN BONAR ET VIR	14-13/55
R	DEBRA RAYE MERCER ET VIR	14-13/54
S	NANCY L. HOWE	3-1/5.3
	DEBORAH JANE DAY	
	JEAN FAYE ROBERTS ET VIR	
	CHARLES N. RUSH ET UX	
	NORMA JEAN PATTERSON	
	WESLEY CLEMONS	
	MICHAEL S. CLEMONS	
	LINDA L. DAY	
	TAMMY L. DAY	
	BEVERLY LOGSDON HILL ET VIR	
	CHARLES RICHARD WILSON	
	VICKY L. HOLMES ET VIR	
	CATHERINE E. ANDERSON	
	MARGARET MARIE MCCARDLE	
	KEITH A. LOGSDON ET UX	
	DAVID PAUL SCOLLIK ET UX	
	RICKEY K. DAY	
	HOYA CLEMONS JR.	
	HOWARD LOGSDON JR.	
	JUDITH LOGSDON SHOOK ET VIR	
	DENNIS J. HARTLEY ET UX	
	SUSAN WOODRUFF	
	EVERETT L. HARTLEY JR.	
	BARBARA A. SCOTT	
	ROBERT HARTLEY DEMARA ET UX	
	BARBARA EVANS	
	GALE L. HARTLEY	
	DEBORAH RUTH MOKOSH	
	SANDRA J. FRAME	
	JUDY MAE ROOD	
	SHIRLEY ANN ROBERTS	
	LARRY W. CANTRELL	
	CALVIN B. BROWN	
	ARTHUR WADE GEORGE	
	NAOMI LEE LYONS	
	RICHARD PAUL DEMARA	
	KIMBERLEY S. LARK	
	RHODA MAE MONIGOLD	
	JENNIFER J. HAND ET VIR	
	WILMA JUANITA NORRIS	
	HOWARD WYATT JR., ET UX	
	FRANK EUGENE WADE ET UX	
	GERALDINE J. WADE	
	ROBERT LEWIS BYRD ET UX	
	RICHARD LEE BYRD ET UX	
	VIRGINIA M. WADE	
	BRENDA SUE CAIN JACKSON	
	JOSHUA KEENER	
	RONALD KEENER II	
	CARL L. HARTLEY SR.	
	EVELYN ELLA MOLYNEAUX	
	FLORENCE JEAN NEWLIN	
	SANDRA L. DURHAM	
	RICHARD A. CANTRELL	
	WILDA J. BENNER	
	EARL R. HARTLEY	
	DEBORAH L. CAMPBELL	
	GLORIA J. PRATT	
	CAROLYN A. ROBERTSON	
	WAVA J. CRAIG	
	CHAD WESLEY HARTLEY	
	MICHAEL R. WYATT ET UX	
	PRISCILLA E. CONSTANTINO ET VIR	
	KEVIN SHAYNE CHERNIAWSKI	
	DENNIS V. WADE II, ET UX	
	SUSAN H. RANERI	
	CAROL ANN WYATT	
	CATHY JEAN TACKETT	
	FREDA MARGARET HALL	
	FLOYD A. BYLES ET UX AIF FORETTA R. BYLES	
	GARY J. WADE	
	LINDA MARIE GREEN	
T	*MICHAEL KELLEY	14-13/56
U	DONALD G. ROGERSON SR.	3-1/4
V	DONALD G. ROGERSON SR.	3-1/6
W	RICHARD P. FORSHEY	3-1/7
X	SAMUEL J. HEATER ET UX	3-1/9.1

10/05/2018

	LESSOR	DIST-TM/PAR
A	DONALD HINES ET UX	14-12/30
B	TERRY L. DERROW ET UX	14-12/30.3
C	PATRICIA S. HOSKINS	14-12/31
D	DANIEL I. SHIPLEY ET AL	14-11/16
E	PATRICIA C. LINDGREN	14-11/14
F	PATRICIA S. HOSKINS	14-13/4
G	TIMOTHY GEHO	14-13/5
H	JAMES J. CAVENEY	14-13/7
J	TIMOTHY GEHO	14-13/6
K	FREDA V. PARSONS	14-13/10
	NEVA E. KELLER	
	SHEILA M. HAZEL EXEC OF MARY IRENE TAYLOR	
	LETHA I. RUCKMAN	
	ROBERT E. ROGERSON	
	RONALD E. ROGERSON	
	PATTY JEAN LANTZ	
	RALPH VAUGHN TAYLOR	
	MELISSA ANN BRAUN	
	ROBIN ROSE	
	RANDALL C. ROGERSON	
	RUSSELL W. ROGERSON	
	ELIZABETH BENNETT	
	JUDITH TAYLOR	
	WILLIAM O. TAYLOR	
	DAVID R. TAYLOR	
	MARY E. TAYLOR	
	HERBERT M. TAYLOR	
	LORETTA DOUGHERTY	
	KORENE LANTZ	
	HOWARD G. TAYLOR	
	MELVIN FANKHAUSER	
	EUGENE R. FANKHAUSER	
	DENVER TAYLOR	
	STEFANIE CIRILLI	
	JENNIFER CUICHTA	
L	ROBERT W. COFFIELD ET UX	14-13/15

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4417382.031
 E:525716.984
 NAD83, WV NORTH
 N:514404.736
 E:1632113.348

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4417318.78
 E:526305.95
 NAD83, WV NORTH
 N:514164.871
 E:1634042.582

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4413343.47
 E:528152.67
 NAD83, WV NORTH
 N:501018.596
 E:1639884.494

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

SEPTEMBER 24, 2018