

BHL is located on topo map 14,660 feet south of Latitude: 39° 57' 30"
 SHL is located on topo map 3,791 feet south of Latitude: 39° 55' 00"

SEE PAGES 2-4 FOR SURFACE OWNERS AND LESSORS

WELL PAD ORIENTATION DETAIL			
M01HC	M14HC	U15HC	U28HC
M02HC	M13HC	U16HC	U27HC
M03HC	M12HC	U17HC	U26HC
M04HC	M11HC	U18HC	U25HC
M05HC	M10HC	U19HC	U24HC
M06HC	M09HC	U20HC	U23HC
M07HC	M08HC	U21HC	U22HC
M08HC	M07HC	U22HC	U23HC
M09HC	M06HC	U23HC	U24HC
M10HC	M05HC	U24HC	U25HC
M11HC	M04HC	U25HC	U26HC
M12HC	M03HC	U26HC	U27HC
M13HC	M02HC	U27HC	U28HC
M14HC	M01HC	U28HC	U29HC

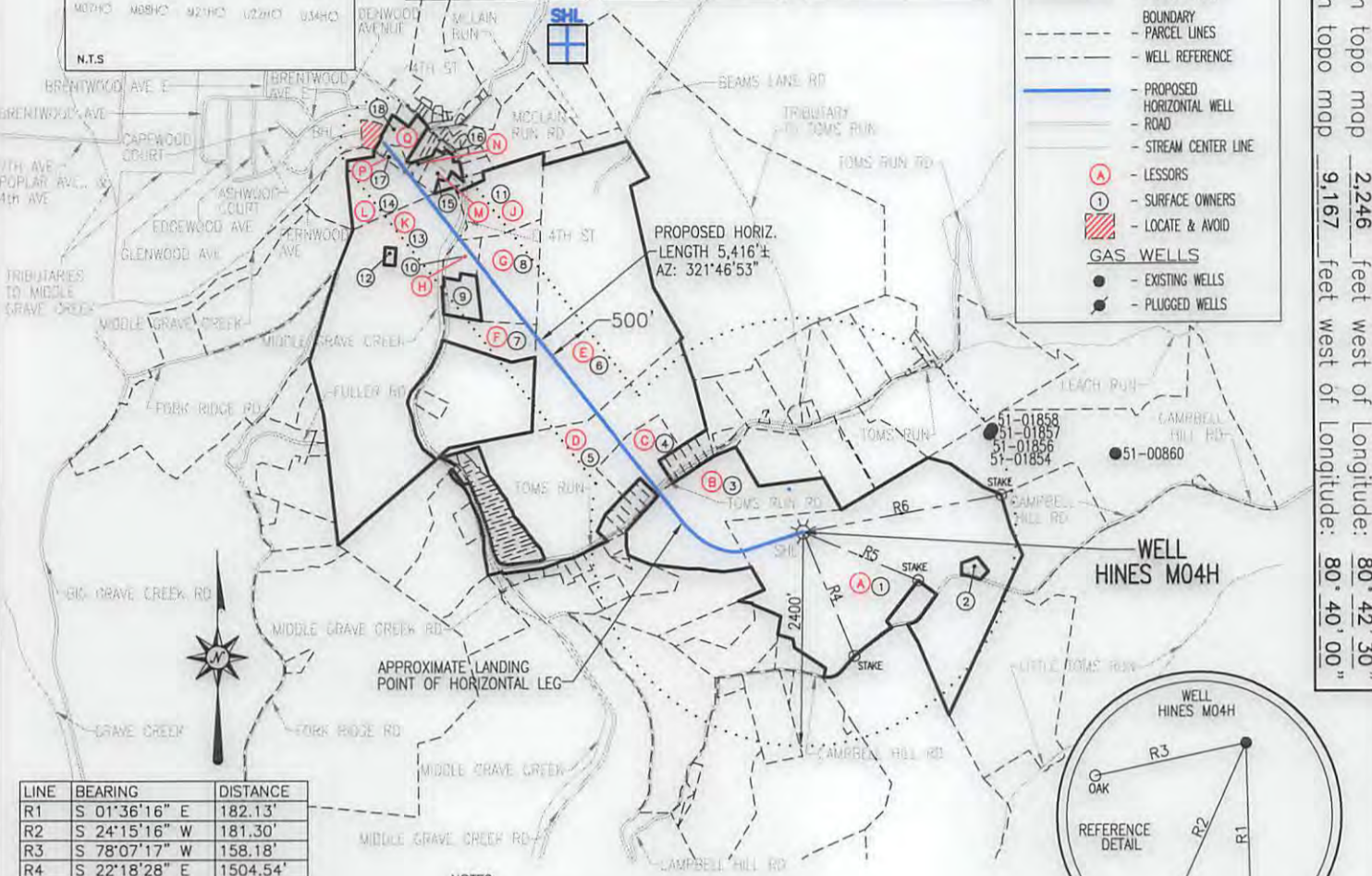
SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4417396.15
 E:525699.01
 NAD83, WV NORTH
 N:514452.051
 E:1632055.157

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4417425.06
 E:525284.40
 NAD83, WV NORTH
 N:514569.681
 E:1630696.182

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4418704.36
 E:524241.89
 NAD83, WV NORTH
 N:518824.890
 E:1627345.345

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 01°36'16" E	182.13'
R2	S 24°15'16" W	181.30'
R3	S 78°07'17" W	158.18'
R4	S 22°18'28" E	1504.54'
R5	S 67°14'38" E	1406.63'
R6	N 79°36'37" E	2273.45'

- 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.

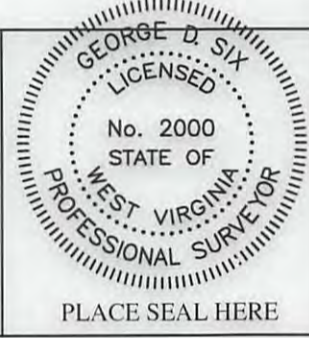


Blue Mountain Inc.
 11023 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: HINES M04H
 DRAWING #: HINES M04H
 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: [Signature]
 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 M04H
 API WELL #: 47 51 01926 HCA
 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: 460.861± **08/18/2017**

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: 12,559±

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

BHL is located on topo map 2,246 feet west of Longitude: 80° 42' 30"
 SHL is located on topo map 9,167 feet west of Longitude: 80° 40' 00"

HINES

M04H

PAGE 2 OF 4

	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	CHRISTOPHER S. & DENISE L. SCAMEHORN	14-12/24.1
5	CHARLES R. HALL EST.	14-12/24
6	ALAN N. CROW ET AL.	14-9/48
7	GEORGE R. MASON ET UX.	14-9/49.2
8	STACIE CROSSING ASSOCIATES	14-9/49
9	HILL VIEW LIMITED PARTNERSHIP	14-9/49.3
10	HILL VIEW II LTD PARTNERSHIP	14-9/49.4
11	PATRICK J. ROGERS	14-9/50
12	MARSHALL CO. DAY CARE & CHILD	4-3/46.2
13	MARSHALL CO. ACTIVITIES DEVELOPMENT	4-3/46
14	MARSHALL CO. ACTIVITIES DEVELOPMENT	4-3/46.1
15	*BRADLEY C. RINE	14-9/7.2
16	*KEVIN DREW RINE ET UX.	14-9/7.8
17	BARRY C. SULLIVAN	14-9/7.1
18	BARRY C. SULLIVAN	14-9/7.7

	LESSOR	DIST-TM/PAR
A	DONALD HINES ET UX.	14-12/30
B	TRUSTEES LIMESTONE PRESBYTERIAN CHURCH	14-12/25
	CLYDE DOWLER ET UX	
	GARY MORRISON	
	ELIZABETH Y. MORRISON	
	WILLIAM F. RULONG	
	CHARLES BURTON RULONG	
	ROGER GLEN RULONG	
	LAURA J. REYES	
	ROBERT L. RULONG	
	DALE FRANCIS FURBEE	
	HAROLD DEAN FURBEE	
	JOHN T. MORRIS	
	DRU ELLA FOX	
	LYNN ELLEN COOK	
	ETHEL M. RULONG	
	TERRY LEE RULONG	
	RICHARD J. RULONG	
	TRACEY LYNN RULONG	

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

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08/18/2017

HINES

M04H

PAGE 3 OF 4

	LESSOR	DIST-TM/PAR
C	DALE HALL	14-12/24.1
	DENISE SCAMEHORN	
	DAVID HALL	
	DONNA HOLLIDAY	
	CECIL R. LIGTNER	
	MELANIE J. YOUNG	
	APRIL DAWN WELLS	
	HARVEY LEE WELLS JR.	
	LONNIE V. BLAKE	
	SHIRLEY PONDER	
	EARLE VINCENT BLAKE - SPL COM DAVID C. WHITE	
	RACHEL EARNEST	
	NANCY GREATHOUSE	
	STEVEN D. WELLS	
	DENISE A. WELLS	
	GREGORY A. PFAUS	
	ANDREW PFAUS	
	CATHERINE A. GUSTIN	
	MATHEW PFAUS	
	MELISSA S. PRICE	
	CHANTEE M. DANCIC	
	ROBERT JOHN MCCLELLAN	
	MELISSA A. WAGGONER	
	KIMBERLY R. FRANKENFIELD	
	DEBORAH ELDER	
	DARCY MICHAELS	
	DARLA THURMAN	
	MARY WIDDER	
	RANDALL W. DENNIS	
	KAY WATSON	
	DONALD MCCLELLAND	
	GEORGE MCCLELLAN JR.	
	DONNA DAVIS	
	DIANA LOUISE MCKINNEY	
	DIANE MINCKS	
	WAYNE KENNETH MCCLELLAN	
	BEULAH J. CURRY	
	DONALD E. GEARHART	
	AARON CURRY	
	DENISE K. PETREE	
	GEOFFREY A. ROWLANDS	
	KIMBERLY PAULA VARNER	
	RALPH E. WELLMAN ET AL	
	CANDICE J. CASTLE	
	JASON M. SANDOR	
	JENNIFER JORDAN	
	JAMES M. SANDOR JR.	
	ANDREW W. FLOYD	
	LINDA HAYS	
	KEVIN L. ROWLANDS	
	THOMAS MAZZAFERRO	
	SANDRA TRESSLER	
	RONALD MAZZAFERRO	
	JOHN T. WELLING	
	MELANY L. WASKO	
	ROBERT L. WELLING	
	LORREN ROGERS	
	MARK D. WELLING	
	THERESA B. WORKMAN	
	JAMES R. BLAKE	
	RANDY SEIBERT	
	TERRY SEIBERT	
	SHEREE SINCLAIR	
	BETH GODFREY	
	JAMES E. RICE	
	STEVE RICE	
	STEVEN DALE PIERSON	
	IVAN L. WELLMAN ET UX	
	ROBERT K. BLAKE ET UX	
	TIMOTHY L. CURRY ET UX	
	ELMER Z. WELLMAN ET UX	
	CHARLES L. BLAKE ET UX	
	TAMRA C. MORGAN	
	GARREN D. WELLMAN	
	MARTHA E. DICKERHOOF	

	LESSOR	DIST-TM/PAR
D	DALE HALL	14-12/24
	DENISE SCAMEHORN	
	DAVID HALL	
	DONNA HOLLIDAY	
	CECIL R. LIGHTNER	
	MELANIE J. YOUNG	
	APRIL DAWN WELLS	
	HARVEY LEE WELLS JR.	
	LONNIE V. BLAKE	
	SHIRLEY PONDER	
	EARLE VINCENT BLAKE - SPL COM DAVID C. WHITE	
	RACHEL EARNEST	
	NANCY GREATHOUSE	
	STEVEN D. WELLS	
	DENISE A. WELLS	
	GREGORY A. PFAUS	
	ANDREW PFAUS	
	CATHERINE A. GUSTIN	
	MATHEW PFAUS	
	MELISSA S. PRICE	
	CHANTEE M. DANCIC	
	ROBERT JOHN MCCLELLAN	
	MELISSA A. WAGGONER	
	KIMBERLY R. FRANKENFIELD	
	DEBORAH ELDER	
	DARCY MICHAELS	
	DARLA THURMAN	
	MARY WIDDER	
	RANDALL W. DENNIS	
	KAY WATSON	
	DONALD MCCLELLAND	
	GEORGE MCCLELLAN JR.	
	DONNA DAVIS	
	DIANA LOUISE MCKINNEY	
	DIANE MINCKS	
	WAYNE KENNETH MCCLELLAN	
	BEULAH J. CURRY	
	DONALD E. GEARHART	
	AARON CURRY	
	DENISE K. PETREE	
	GEOFFREY A. ROWLANDS	
	KIMBERLY PAULA VARNER	
	RALPH E. WELLMAN ET AL	
	CANDICE J. CASTLE	
	JASON M. SANDOR	
	JENNIFER JORDAN	
	JAMES M. SANDOR JR	
	ANDREW W. FLOYD	
	LINDA HAYS	
	KEVIN L. ROWLANDS	
	THOMAS MAZZAFERRO	
	SANDRA TRESSLER	
	RONALD MAZZAFERRO	
	JOHN T. WELLING	
	MELANY L. WASKO	
	ROBERT L. WELLING	
	LORREN ROGERS	
	MARK D. WELLING	
	THERESA B. WORKMAN	
	JAMES R. BLAKE	
	RANDY SEIBERT	
	TERRY SEIBERT	
	SHEREE SINCLAIR	
	BETH GODFREY	
	JAMES E. RICE	
	STEVE RICE	
	STEVEN DALE PIERSON	
	IVAN L. WELLMAN ET UX	
	ROBERT K. BLAKE ET UX	
	TIMOTHY L. CURRY ET UX	
	ELMER Z. WELLMAN ET UX	
	CHARLES L. BLAKE ET UX	
	TAMRA C. MORGAN	
	GARREN D. WELLMAN	
	MARTHA E. DICKERHOOF	
E	ALAN NEIL CROW	14-9/48
	RUTH ANN CROW	
	MARY KATHRYN NEEHOUSE	
F	GEORGE R. MASON ET UX	14-9/48
G	STACIE CROSSING ASSOCIATES LP	14-9/48
H	HILL VIEW II LTD PARTNERSHIP	14-9/49.4
J	PATRICK J. ROGERS	14-9/50

08/18/2017

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

HINES

M04H

PAGE 4 OF 4

	LESSOR	DIST-TM/PAR
K	DEBORAH MAXWELL YARBROUGH	4-3/46
	RAYMOND W. WOODS	
	BONNIE D. ANDERSON	
	RICHARD W. WOODS	
	WILLIAM L. MAXWELL	
	BARBARA A. MCINALLY	
	WILLIAM J. MINES	
	STEPHEN LESLIE MAXWELL	
	BEVERLY K. TIEMAN	
	CAROLYN K. GABROVSEK	
	RETTA JANE WAYNE	
	ROBERT KOESTERS	
	ANNALEE BERNARD	
	GARY KOESTERS	
	ROBERT L. MINES JR.	
	MICHAEL JOSEPH KOESTERS	
	CYNTHIA KURTZ	
	CHARLES RICHARD KOESTERS	
	FREDRICK M. YEATER	
	LOIS W. DOWLER AIF DAVID B. DOWLER	
	ERIC W. BROWN	
	DAVID J. MAXWELL	
	HOLLIS ZULICK	
	LESLIE M. ZIRINGER	
	MELISSA ELAIN SCHROTH	
	HENRY M. HUPP	
	HARRY L. MAXWELL AIF BRIAN L. MAXWELL	
	CLARENCE R. BROWN	
	JAMES H. MAXWELL	
	MARY A. MORGAN	
	NILA ELAINE ROGERSON AIF GARY ROGERSON	
	MARK DAVID HUNT	
	CHRISTOPHER M. BROWN	
	BEVERLY JOYCE ARMSTRONG	
	JEFFREY LYNN CELLARS	
	KEVIN MERLE BROWN	
	CHARLES EDWARD CELLARS	
	JD CELLARS	
	THOMAS WILLIAM CELLARS	
	DONALD WAYNE CELLARS	
	TERRY ALAN CELLARS	
L	DEBORAH MAXWELL YARBROUGH	4-3/46.1
	RAYMOND W. WOODS	
	BONNIE D. ANDERSON	
	RICHARD W. WOODS	
	WILLIAM L. MAXWELL	
	BARBARA A. MCINALLY	
	WILLIAM J. MINES	
	STEPHEN LESLIE MAXWELL	
	BEVERLY K. TIEMAN	
	CAROLYN K. GABROVSEK	
	RETTA JANE WAYNE	
	ROBERT KOESTERS	
	ANNALEE BERNARD	
	GARY KOESTERS	
	ROBERT L. MINES JR.	
	MICHAEL JOSEPH KOESTERS	
	CYNTHIA KURTZ	
	CHARLES RICHARD KOESTERS	
	FREDRICK M. YEATER	
	LOIS W. DOWLER AIF DAVID B. DOWLER	
	ERIC W. BROWN	
	DAVID J. MAXWELL	
	HOLLIS ZULICK	
	LESLIE M. ZIRINGER	
	MELISSA ELAIN SCHROTH	
	HENRY M. HUPP	
	HARRY L. MAXWELL AIF BRIAN L. MAXWELL	
	CLARENCE R. BROWN	
	JAMES H. MAXWELL	
	MARY A. MORGAN	
	NILA ELAINE ROGERSON AIF GARY ROGERSON	
	MARK DAVID HUNT	
	CHRISTOPHER M. BROWN	
	BEVERLY JOYCE ARMSTRONG	
	JEFFREY LYNN CELLARS	
	KEVIN MERLE BROWN	
	CHARLES EDWARD CELLARS	
	JD CELLARS	
	THOMAS WILLIAM CELLARS	
	DONALD WAYNE CELLARS	
	TERRY ALAN CELLARS	

	LESSOR	DIST-TM/PAR
M	*ERIC CHAMBERLAIN	14-9/7.2
	*BRAD CHAMBERLAIN	
	*ALYN BRENT CHAMBERLAIN	
	*TODD CHAMBERLAIN	
	*GERALDINE PLOWDEN	
	*BARRY F. LARSON ET UX	
	*JULIE CARTWRIGHT	
	*GREG BIETH	
	*JENNIFER KELLER	
	*TANYA BIETH	
	*DALE JONES	
	*GERALDINE PLOWDEN	
	*PAUL C. NIX	
	*FIRST UNITED METHODIST CHURCH OF ORLANDO	
	*DIXIE UNITED METHODIST CHURCH	
	*BISHOP GRAY RETIREMENT FOUNDATION	
	*JOYCE K. LARSON	
	*FL UNITED METHODIST CHILDRENS HOME INC	
	*EMMANUEL EPISCOPAL CHURCH	
	*EDGEWOOD CHILDRENS RANCH INC	
N	*ERIC CHAMBERLAIN	14-9/7.8
	*BRAD CHAMBERLAIN	
	*ALYN BRENT CHAMBERLAIN	
	*TODD CHAMBERLAIN	
	*GERALDINE PLOWDEN	
	*BARRY F. LARSON ET UX	
	*JULIE CARTWRIGHT	
	*GREG BIETH	
	*JENNIFER KELLER	
	*TANYA BIETH	
	*DALE JONES	
	*GERALDINE PLOWDEN	
	*PAUL C. NIX	
	*FIRST UNITED METHODIST CHURCH OF ORLANDO	
	*DIXIE UNITED METHODIST CHURCH	
	*BISHOP GRAY RETIREMENT FOUNDATION	
	*JOYCE K. LARSON	
	*FL UNITED METHODIST CHILDRENS HOME INC	
	*EMMANUEL EPISCOPAL CHURCH	
	*EDGEWOOD CHILDRENS RANCH INC	
P	ROBERT B. SULLIVAN	14-9/7.1
Q	ROBERT B. SULLIVAN	14-9/7.7

RECEIVED
Office of Oil and Gas
APR 24 2017
WV Department of
Environmental Protection

08/18/2017

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE