

BHL is located on topo map 11,330 feet south of Latitude: 39° 57' 30"
 SHL is located on topo map 3,747 feet south of Latitude: 39° 55' 00"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

LINE	BEARING	DISTANCE
R1	S 06°44'38" W	227.60'
R2	S 26°55'48" W	234.72'
R3	S 67°42'13" W	201.70'
R4	N 77°08'39" E	2049.25'
R5	S 89°58'55" E	2307.20'
R6	S 65°04'29" E	1395.26'

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4417409.65
 E:525708.46
 NAD83, WV NORTH
 N:514495.840
 E:1632086.900

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:441720.33
 E:526099.73
 NAD83, WV NORTH
 N:516254.990
 E:1633400.620

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4419720.33
 E:524687.96
 NAD83, WV NORTH
 N:522134.350
 E:1628864.880

BHL is located on topo map 771 feet west of Longitude: 80° 42' 30"
 SHL is located on topo map 9,136 feet west of Longitude: 80° 40' 00"

WELL PAD ORIENTATION DETAIL

M01HC	M14H	0158HC	0228HC
M02HC	M13HC	0118HC	0128HC
M03HC	M12HC	0117HC	0258HC
M04HC	M11HC	M38HC	0128HC
M05HC	M10HC	M19HC	0228HC
M06HC	M09HC	M08HC	0228HC
M07HC	M08HC	M21HC	0228HC

N.T.S

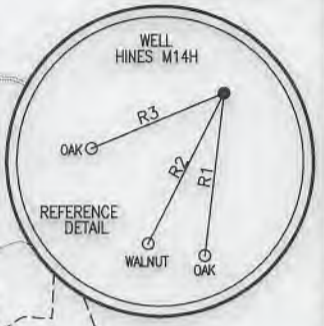
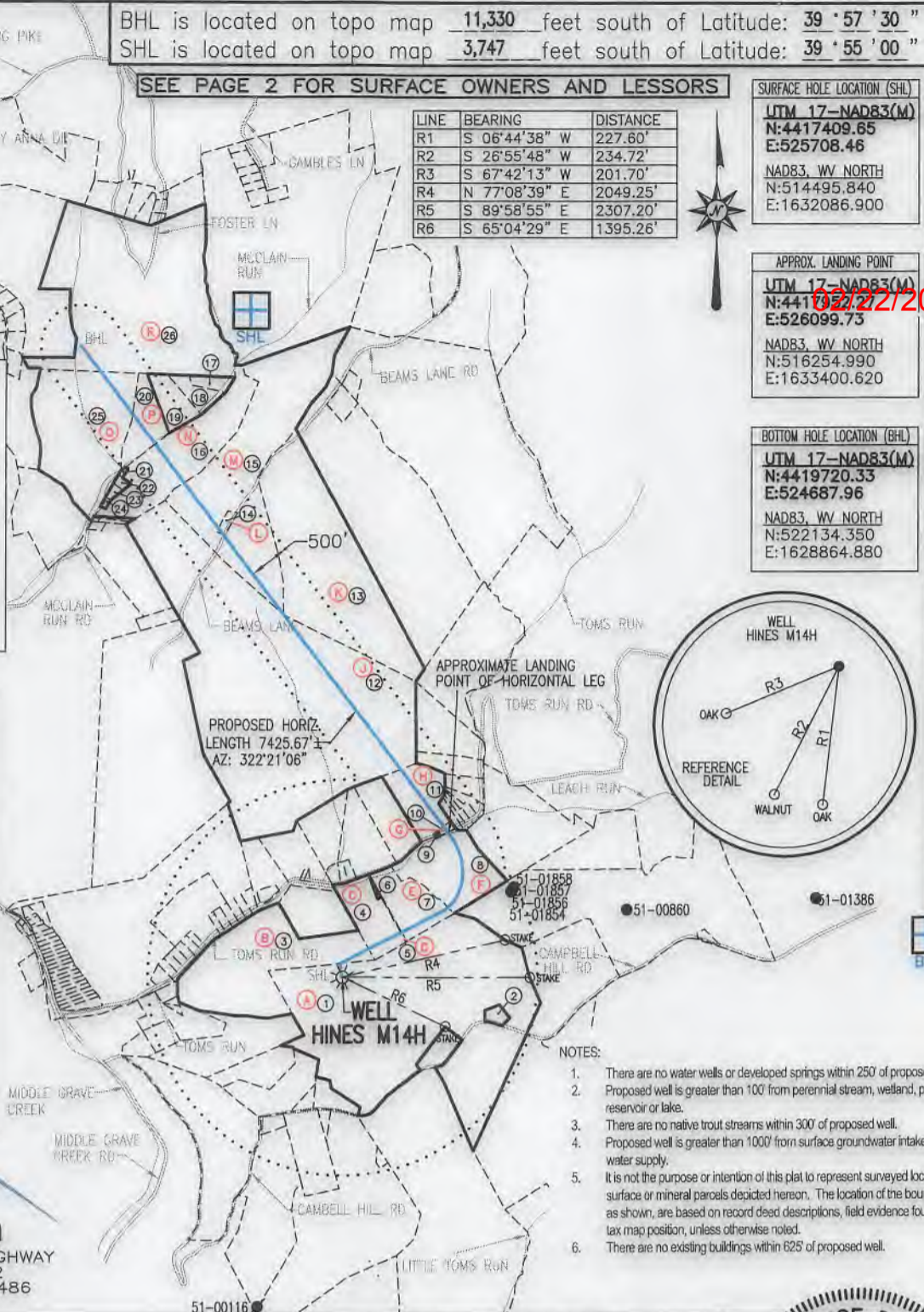
LEGEND

- 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

Blue Mountain
 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 M14H
 DRAWING #: HINES M14H
 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: OCTOBER 22, 2018
 OPERATOR'S WELL #: HINES M14H
 API WELL #: 47 51 02159 HGA
 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: 630.135±

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: 6,262'± TMD: 15,072.70'±

WELL OPERATOR CHEVRON APPALACHIA, LLC Address 700 CHERRINGTON PARKWAY City CORAOPOLIS State PA Zip Code 15108

DESIGNATED AGENT KENNETH E. TAWNEY Address 500 LEE STREET, EAST SUITE 1600 City CHARLESTON State WV Zip Code 25301-3202

OCTOBER 22, 2018

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

02/22/2019

SURFACE HOLE LOCATION (SHL) UTM 17-NAD83(M) N:4417409.65 E:525708.46 NAD83, WV NORTH N:514495.840 E:1632086.900	APPROX. LANDING POINT UTM 17-NAD83(M) N:4417952.27 E:526099.73 NAD83, WV NORTH N:516254.990 E:1633400.620	BOTTOM HOLE LOCATION (BHL) UTM 17-NAD83(M) N:4419720.33 E:524687.96 NAD83, WV NORTH N:522134.350 E:1628864.880
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LESSOR	DIST-TM/PAR	
A	14-12/30	DONALD HINES ET UX
B	14-12/25	LYNN ELLEN COOK
		WILLIAM F. RULONG
		CHARLES BURTON RULONG
		GARY MORRISON
		ELIZABETH Y. MORRISON
		ROGER GLEN RULONG
		TRUSTEES LIMESTONE PRESBYTERIAN CHURCH
		CLYDE DOWLER ET UX
		DRU ELLA FOX
		LAURA J. REYES
		DALE FRANCIS FURBEE
		HAROLD DEAN FURBEE
		JOHN T. MORRIS
		ETHEL M. RULONG
		RICHARD J. RULONG
		ROBERT L. RULONG
		TERRY LEE RULONG
		TRACY LYNN RULONG
C	14-12/27	EUALIA MAE SIMMONS
D	14-12/28.1	EUALIA MAE SIMMONS
E	14-12/28	EUALIA MAE SIMMONS
F	14-12/29	JODI LYNN HARDING ET VIR
G	14-9/40	RONNIE PYLES ET UX
H	14-9/43	RONNIE E. PYLES ET UX
J	14-9/47	RICHARD F. VARGO ET UX
		RUTH ANN CROW
K	14-9/21.1	MARY KATHRYN NEEHOUSE
		ALAN AND BRENDA CROW
L	14-9/20.1	SHARON L. SWISHER
M	14-9/20	ALAN AND BRENDA CROW
N	14-9/15	JOHN D. WELLS
		ROY WELLS
		CLARENCE WELLS
		MARY MARGARET WADE
		CHARLOTTE WILLIAMSON
		EDWARD L. CONLEY
		DOROTHY V. RITZER
		JAMES D. CONLEY
		ELBUR LEE WELLS
		SIDNEY F. BAKER
		ROBIN DOYLE
		HARRY EUGENE MOWDER
		JOYCE A. TSORAS

1	14-12/30	DONALD HINES ET UX
2	14-12/30.3	TERRY L. DERRROW ET UX
3	14-12/25	ARNIE N. GOODNIGHT ET UX
4	14-12/27	EDWARD DAVID KNUHT ET UX
5	14-12/28.1	EDWARD DAVID & KATHY JO KNUHT
6	14-12/27.1	TOBIAS G. & JESSICA D. BROWN
7	14-12/28	TOBIAS G. & JESSICA D. BROWN
8	14-12/29	JODI LYNN & TERRY A. HARDING
9	14-9/41	ROGER T. & BRIANNA L. RUSH
10	14-9/40	ROGER T. & BRIANNA L. RUSH
11	14-9/43	ROGER T. & BRIANNA L. RUSH
12	14-9/47	ALAN N. CROW ET AL
13	14-9/21.1	ALAN N. & BRENDA CROW
14	14-9/20.1	RICHARD N. & SHARON L. SWISHER
15	14-9/20	ALAN NEIL & BRENDA CROW
16	14-9/15	JOSEPH L. GODDARD
17	14-9/19	TAMARA L. REYNOLDS
18	14-9/18	COLE MARTIN WELLS ET AL
19	14-9/17	COLE MARTIN WELLS ET AL
20	14-9/16	EDWARD YOST ET UX
21	14-9/14	JOSEPH L. GODDARD
22	14-9/13.1	RANDY EVERETT WELLS ET AL
23	14-9/13	FRANK STANLEY WELLS
24	14-9/12	EVERETT STANLEY WELLS
25	14-9/9	WILLIAM B. & DOTTIE M. BEE
26	14-8/39	DAVID LEE WHITE ET UX

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	NAD83, WV NORTH	N:514495.840	E:1632086.900

LESSOR	DIST-TM/PAR	14-9/9	14-8/39
GREGORY W. SATLER ET UX			
REGG BIETH			
JULIE CARTWRIGHT			
DALE JONES			
JENNIFER KELLER			
BARRY F. LARSON ET UX			
TANYA BIETH			
ALYN BRENT CHAMBERLAIN			
ERIC CHAMBERLAIN			
BRAD CHAMBERLAIN			
TODD CHAMBERLAIN			
PAUL C. NIX			
FIRST UNITED METHODIST CHURCH OF ORLANDO			
GERALDINE PLOWDEN			
JOYCE K. LARSON			
DIXIE UNITED METHODIST CHURCH			
BISHOP GRAY RETIREMENT FOUNDATION			
FL UNITED METHODIST CHILDRENS HOME INC.			
EMMANUEL EPISCOPAL CHURCH			
EDGEWOOD CHILDRENS RANCH INC.			
DAVID AND GENELDA WHITE			

LESSOR	DIST-TM/PAR	14-9/15	14-9/16
MABEL ARNETTA WELLS BY AIF FRANK WELLS			
HOWARD LEE WELLS			
NANCY L. JONES			
TERRY L. MOWDER			
KENNETH E. WELLS			
KIMBERLY D. HOSTUTLER			
KEELY D. BAKER			
BRIDGETTE Y. TURNER			
LARRY JEFFREY WELLS			
BRIAN TIMOTHY WELLS			
REBECCA J. KOVALCHIK			
SHIRLEY POGORZELSKI			
REGG BIETH			
JULIE CARTWRIGHT			
DALE JONES			
JENNIFER KELLER			
BARRY F. LARSON ET UX			
TANYA BIETH			
ALYN BRENT CHAMBERLAIN			
ERIC CHAMBERLAIN			
BRAD CHAMBERLAIN			
WILBERT W. RYAN JR.			
KATHRYN GAIL WOOD			
MARY F. WASZKIEWICZ			
TODD CHAMBERLAIN			
LINDA LOUISE SPERLING			
GEORGE W. SETTLES			
BARBARA ANN WELLS			
PAUL C. NIX			
FIRST UNITED METHODIST CHURCH OF ORLANDO			
GERALDINE PLOWDEN			
JOYCE K. LARSON			
DIXIE UNITED METHODIST CHURCH			
BISHOP GRAY RETIREMENT FOUNDATION			
ALBERTA RYAN			
FL UNITED METHODIST CHILDRENS HOME INC.			
EMMANUEL EPISCOPAL CHURCH			
EDGEWOOD CHILDRENS RANCH INC.			
SHIRLEY WEAVER			
THOMAS R. MOWDER			
JOHN W. MOWDER			
NANCY MOWDER			
REGG BIETH			
JULIE CARTWRIGHT			
DALE JONES			
JENNIFER KELLER			
BARRY F. LARSON ET UX			
TANYA BIETH			
ALYN BRENT CHAMBERLAIN			
ERIC CHAMBERLAIN			
BRAD CHAMBERLAIN			
WILBERT W. RYAN JR.			
EDGEWOOD CHILDRENS RANCH INC.			
EMMANUEL EPISCOPAL CHURCH			
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