

AS DRILLED PLAT

BHL is located on topo map 11,395 feet south of Latitude: 39° 52' 30"
 SHL is located on topo map 1,221 feet south of Latitude: 39° 52' 30"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS



LINE	BEARING	DISTANCE
R1	N 41°28'03" E	202.18'
R2	N 20°22'15" E	160.54'
R3	N 10°20'42" W	162.14'
R4	N 13°29'38" W	1348.17'
R5	N 45°10'53" E	1611.43'
R6	N 81°43'25" E	1946.17'



WELL PAD ORIENTATION DETAIL				
M01H	M14H	M15H	U28H	U29H
M02H	M13H	M16H	U27H	U30H
M03H	M12H	M17H	U26H	U31H
M04H	M11H	M18H	U25H	U32H
M05H	M10H	M19H	U24H	U33H
M06H	M09H	M20H	U23H	U34H
M07H	M08H	M21H	U22H	U35H

N.T.S.

PERMITTED SURFACE HOLE LOCATION (SHL)	PERMITTED APPROX. LANDING POINT
UTM 17-NAD83(M) N:4413549.456 E:524095.923	UTM 17-NAD83(M) N:4412727.48 E:523387.78
NAD83, WV NORTH N:501917.054 E:1626583.598	NAD83, WV NORTH N:499258.581 E:1624214.733
LAT/LON-NAD83 LAT:39°52'17.930" LON:80°43'05.665"	LAT/LON-NAD83 LAT:39°51'51.34" LON:80°43'35.58"

AS DRILLED SURFACE HOLE LOCATION (SHL)	AS DRILLED APPROX. LANDING POINT
UTM 17-NAD83(M) N:4413549.46 E:524095.91	UTM 17-NAD83(M) N:4412664.54 E:523442.97
NAD83, WV NORTH N:501917.050 E:1626583.570	NAD83, WV NORTH N:499049.010 E:1624392.390
LAT/LON-NAD83 LAT:39°52'17.930" LON:80°43'05.665"	LAT/LON-NAD83 LAT:39°51'49.293" LON:80°43'33.265"

PERMITTED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4410461.75 E:525271.36
NAD83, WV NORTH N:491720.280 E:1630271.424
LAT/LON-NAD83 LAT:39°50'37.66" LON:80°42'16.61"

LEGEND

- ☒ - TOPO MAP POINT
- ☼ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- - MINERAL TRACT BOUNDARY
- - - - - PARCEL LINES
- - - - - WELL REFERENCE
- - - - - AS-DRILLED LATERAL
- - - - - PROPOSED HORIZONTAL WELL
- - - - - ROAD
- - - - - STREAM CENTER LINE
- Ⓐ - LESSORS
- Ⓛ - SURFACE OWNERS
- ☒ - LOCATE & AVOID

GAS WELLS

- - EXISTING WELLS
- - PLUGGED WELLS

AS DRILLED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4410467.00 E:525272.47
NAD83, WV NORTH N:491737.460 E:1630275.370
LAT/LON-NAD83 LAT:39°50'37.825" LON:80°42'16.566"

- NOTES:
- There are no water wells or developed springs within 250' of proposed well.
 - Proposed well is greater than 100' from perennial stream, wellhead, 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 herein. 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.

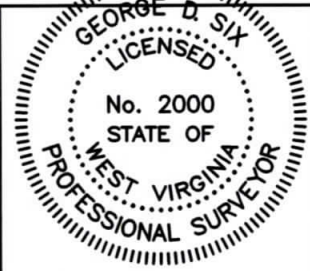
THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 FAX (304) 624-7831

FILE #: HICKS M06H-AS DRILLED
 DRAWING #: HICKS M06H-AS DRILLED
 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: JANUARY 31, 2020
 OPERATOR'S WELL #: HICKS M06H-AS DRILLED
 API WELL #: 47 51 01901
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1180.27'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: THOMAS E. HICKS ACREAGE: 172.100±

OIL & GAS ROYALTY OWNER: CHRISTA DAWN HICKS, ET AL ACREAGE: 850.440±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE

(SPECIFY): AS DRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,600'± TMD: 18,512.56'±

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 10,710 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 2,781 feet west of Longitude: 80° 42' 30"

HICKS M06H PAGE 2 OF 2

AS DRILLED PLAT

	LESSOR	DIST-TM/PAR
A	CHRISTA DAWN HICKS, ET AL.	4-8/37
B	SIDNEY P. POND, ET UX.	4-8/36.1
C	MABEL J. WILLIAMS	4-8/23
D	SIDNEY P. POND, ET UX.	4-8/36.2
E	LILLIE LAVERN GAREY	4-8/36
F	MARILYN MARTIN	4-8/23.3
G	MICHAEL R. ALLMAN	4-8/23.2
H	KERMIT E. PERSINGER, ET UX.	4-8/24
J	CNX GAS COMPANY, LLC.	4-12/25
K	DIOCESE OF WHEELING-CHARLESTON	4-10/1
	ROBERT S. WUERTHELE	
	MARK K. WUERTHELE	
	JEFFREY A. WUERTHELE	
	MICHAEL D. WUERTHELE	
	SISTERS OF ST. FRANCIS OF THE PROVIDENCE OF GOD	
	MARY ANN BAKER	
	ULMAN TRUST MARY ANN BAKER TRSTE	
	SUSAN M. & BERNARD LUKE ZIDAR	
	LAUREN M. TEKELY IRREVOCABLE TRUST	
L	JAMES L. COSTER, ET AL.	4-10/2
	FLOYD G. GREATHOUSE, ET UX.	
	PAUL R. BLAZER, ET UX.	
	ROBERT A. HOWARD EDGE JR., ET UX.	
	THOMAS A. MONTI, ET UX.	
	G. JEANETTE SOUTH	
	RONALD L. LANCH, ET UX.	
	MICHAEL E. RHODEHAMEL, ET UX.	
	EDWARD D. YEATER	
	ROBERT A. EDGE, ET UX.	
	KENNETH R. RUNYAN, ET UX.	
	DANIEL G. MAY, ET UX.	
	KEVIN R. DURBIN, ET UX.	
	GARY D. HINERMAN, ET UX.	
M	ELAINE A. FONTES	4-10/4
	THE DAKAN FAMILY REVOCABLE LIVING TRUST	
	RONALD W. DAKAN	
	DAVID H. DAKAN	
	SUZANNE SWIFT	
	BARBARA D. FURFARI	
	DIANE WILLIS, ET VIR.	
	LESLIE M. BUTTS	
N	LESLIE M. BUTTS	4-10/8
	DIANE CLARE WILLIS, ET VIR.	
	BARBARA D. FURFARI	
	SUZANNE E. SWIFT	
	DAVID H. DAKAN	
	RONALD W. DAKAN	
	ELAINE A. FONTES	
	DIANA K. COSLICK	
	LESLEY D. BALLA	

	LESSOR	DIST-TM/PAR
P	ROY A. CLARK, ET UX.	4-10/9
Q	VIOLET P. STANDIFORD	4-10/10
	RONNIE LEE MCCAMAN SR.,	
	SANDRA JEAN OAKS	
	SALLY BECK	
	LEO A. MATTILIO	
	MARJORIE ANN GIBAS	
	RAYMOND DOUGLAS SMITH	
	LINDA K. MATTILIO-YEOMANS	
	FREDERICK EUGENE WHITEMAN	
	VIOLET LENORE KELLEY	
	CAROL JEAN ABBEY	
	LYNN EDWARD WEBB	
	MARTHA GAY BARRETT	
	KENNETH EUGENE SMITH, ET UX.	
	JIMMIE LEWIS SMITH, ET UX.	
	GARY LEE SMITH	
	GAIL LYNN BROWN	
	DEBORAH SUE BRICELAND	
	ERICH MICHAEL WHITEMAN	
	PETE LOPEZ, IV	
	TRACY SAMANTHA SMITH	
	TERRY M. LOPEZ, ET UX.	
	LLOYD SUMMER	
	TABATHA JANE TOTH	
R	JOSEPH W. GOULDSBERRY, ET UX.	4-10/11
S	JAMES STOUT, ET UX.	4-11/8.3
T	JAMES STOUT, ET UX.	4-11/8.2
U	MARGARET L. DAVIS	4-11/8.4
V	WILLIAM R. STANDIFORD II, ET UX.	4-11/8.5

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	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	VICKIE L. & SIDNEY P. POND	4-8/36.1
3	MABEL JUANITA WILLIAMS	4-8/23
4	SIDNEY P. POND ET UX	4-8/36.2
5	LILLIE LAVERN GAREY	4-8/36
6	MARILYN MARTIN	4-8/23.3
7	ANN M. STEVEY	4-8/23.2
8	KERMIT E. PERSINGER ET UX	4-8/24
9	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT.	4-12/25
10	CITY OF MOUNDSVILLE	4-10/1
11	JAMES L. COSTER	4-10/2
12	DENNIS D. WINGROVE ET UX	4-10/4
13	DENNIS D. WINGROVE ET UX	4-10/8
14	ROY A. & SANDRA F. CLARK	4-10/9
15	JAMES STOUT	4-10/10
16	JOSEPH W. GOULDSBERRY ET UX	4-10/11
17	JAMES STOUT	4-11/8.3
18	JAMES STOUT	4-11/8.2
19	MARGARET DAVIS	4-11/8.4
20	WILLIAM R. STANDIFORD II ET UX	4-11/8.5

JANUARY 31, 2020

RECEIVED
Office of Oil and Gas

MAR 16 2020

WV Department of
Environmental Protection

THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
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