

BHL is located on topo map 1,523 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 10,051 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.

LINE	BEARING	DISTANCE
R1	N 39°59'10" E	274.63'
R2	N 67°53'36" E	272.45'
R3	S 76°37'55" E	229.28'
R4	N 13°22'19" W	568.59'
R5	S 67°47'19" E	838.52'
R6	S 30°48'42" E	646.65'

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



WELL PAD ORIENTATION DETAIL

H1101
 H039C
 H1110
 H1120
 H1130
 H099H
 H1190L
 H04M
 H03MC
 H07MC
 H07MC

N.T.S.

SURFACE HOLE LOCATION (SHL)

UTM 17-NAD83(M)
 N:4415487.65
 E:525066.22
 NAD83, WV NORTH
 N:508224.010
 E:1629873.950

APPROX. LANDING POINT

UTM 17-NAD83(M)
 N:4415647.11
 E:524925.21
 NAD83, WV NORTH
 N:508755.010
 E:1629419.970

BOTTOM HOLE LOCATION (BHL)

UTM 17-NAD83(M)
 N:4418079.86
 E:523095.66
 NAD83, WV NORTH
 N:516838.460
 E:1623549.730

BHL is located on topo map 6,015 feet west of Longitude: 80° 42' 30"
 SHL is located on topo map 11,267 feet west of Longitude: 80° 40' 00"

THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 • FAX (304) 624-7631

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

FILE #: WOODS M04H

DRAWING #: WOODS 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: George D. Six

R.P.E.: _____ L.L.S.: P.S. No. 2000

GEORGE D. SIX
 LICENSED
 No. 2000
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: NOVEMBER 12, 2019

OPERATOR'S WELL #: WOODS M04H

API WELL #: 47 51 02299 HGA

STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1121.00'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: MOUNDVILLE, WV 7.5'

SURFACE OWNER: RICHARD WILEY WOODS ET UX ACREAGE: 96.39±

OIL & GAS ROYALTY OWNER: RICHARD WILEY & NANCY J. WOODS ACREAGE: 471.567±

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: 6,376± TMD: 16,775.55±

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

WOODS

M04H

PAGE 2 OF 2

	SURFACE OWNER	DIST-TM/PAR
1	RICHARD WILEY WOODS ET UX	4-4/61
2	JAMES W. & KELLY R. TAYLOR	4-4/62.4
3	DAVID A. YOUNG & SHARON LILLEY	4-4/35
4	NORMA JEAN BRADFORD REVOCABLE TRUST	4-3/41
5	NORAM JEAN BRADFORD REVOCABLE TRUST	4-3/42
6	CHARLES & DEBORAH RATLIFF	4-3/36
7	CHARLES & DEBORAH RATLIFF	4-3/35
8	JERRY F. STEWART ET UX	4-3/34
9	*LARRY R. & JOAN P. TRUEX	4-3/33.1
10	CHARLES H. RATLIFF ET UX	4-3/31
11	W VA DEPT OF HIGHWAYS	4-3/1.1
12	MARSHALL CO COMMISSION	4-3/28
13	W VA REGIONAL JAIL & CORRECTIONAL AUTHORITY	4-3/2.1
14	CITY OF MOUNDSVILLE	4-3/2

	LESSOR	DIST-TM/PAR
A	RICHARD WILEY & NANCY J. WOODS	4-4/61
B	BRENDA ZAHNOW	4-4/62.4
	BEVERLY BURNS	
	REBECCA SHUTLER	
	WILLIAM COFFIELD	
	DANA Q. COFFIELD	
	ERIC COFFIELD	
	ALAN B. COFFIELD	
	HAROLD DALE COFFIELD	
	JOBE N. McGRANE	
	MICHAEL L. COFFIELD	
	ANNE E. ANDREATOS	
	MAXINE P. GRIBBEN	
	TWILA COFFIELD	
	CHARLES O. COFFIELD	
	LLOYD DEXTER COFFIELD	
	JACK HUNTSMAN	
	LOIS NEIDERT	
	RUDOLPH E. HORVAT	
	KAREN KNIGHT	
	EDWARD A. DANKMER	
	PATRICIA McPEEK	
	FRANK WELLS	
	DOROTHY McPEEK	
	DELORES MURDOCK	
	KAREN S. CATLETT	
	JOHN CATLETT	
	KEVIN POLINSKI	
	JOHN POLINSKI	
	MELVIN POLINSKI	
	JAMES DOMBO	
	ROY E. BENCZO A/K/A EDWARD BENCZO	
	MICHELINE PICCIN	
	RORY A. STALLINGS	
	MARY SIEBEL	
	VICKIE L. MOFFITT	
	REBECCA SUE FAHEY	
	KATHY LEE JONES	
	TAMMY L. REYNOLDS	
	LARRY DANKMER	
C	DAVID A. YOUNG	4-4/35
D	NORMA JEAN BRADFORD	4-3/41
E	NORMA JEAN BRADFORD	4-3/42
F	NILA L. KLEINEDLER & ATHENA R. KLEINEDLER	4-3/36
	ATHENA R. KLEINEDLER & NILA L. KLEINEDLER	
	NILA L. KLEINEDLER & ATHENA R. KLEINEDLER	4-3/35
	ATHENA R. KLEINEDLER & NILA L. KLEINEDLER	
G	JERRY F. & LINDA ANN STEWART	4-3/34
H	*LARRY R. & JOAN P. TRUEX	4-3/33.1
J	CHARLES RATCLIFF A/K/A CHARLES H. RATCLIFF	4-3/31
	DEBORAH RATCLIFF A/K/A DEBBIE ANN RATCLIFF	
K	CNX GAS COMPANY LLC	4-3/1.1
L	THE COUNTY COMMISSION OF MARSHALL COUNTY	4-3/28
M	THE WEST VIRGINIA DIVISION OF CORRECTIONS AND REHABILITATION	4-3/2.1
N	CITY OF MOUNDSVILLE	4-3/2

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

SURFACE HOLE LOCATION (SHL)
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NOVEMBER 12, 2019

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API WELL #: 47 51 02299 H44
STATE COUNTY PERMIT