

BHL is located on topo map 4,765 feet south of Latitude: 39° 57' 30"
 SHL is located on topo map 14,356 feet south of Latitude: 40° 00' 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.

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS



LINE	BEARING	DISTANCE
R1	N 30°48'50" W	223.55'
R2	N 41°03'20" W	190.54'
R3	N 59°12'53" W	186.43'
R4	N 39°37'08" W	986.90'
R5	N 02°34'26" W	1305.10'
R6	S 86°08'24" E	1146.80'

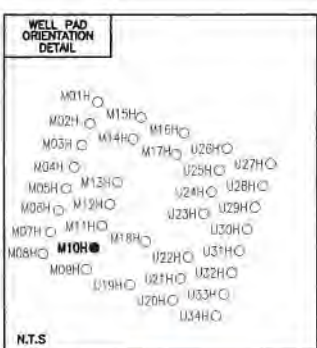


BHL is located on topo map 10,915 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 2,559 feet west of Longitude: 80° 42' 30"

SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4423421.35
 E:524131.12
 NAD83, WV NORTH
 N:534309.870
 E:1627240.670

APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4423101.60
 E:524039.45
 NAD83, WV NORTH
 N:533265.610
 E:1626922.290

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4421722.22
 E:525150.14
 NAD83, WV NORTH
 N:528678.210
 E:1630491.370



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
- ABANDONED WELLS

THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4105 • FAX (304) 624-7531

FILE #: HAZLETT M10H
 DRAWING #: HAZLETT M10H
 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: NOVEMBER 11, 2019
 OPERATOR'S WELL #: HAZLETT M10H
 API WELL #: 47 51 02300, HGA
 STATE COUNTY PERMIT

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

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1148.00'
 COUNTY/DISTRICT: MARSHALL / UNION QUADRANGLE: MOUNDSVILLE, WV 7.5'

SURFACE OWNER: IRENE HAZLETT-LIFE ACREAGE: 77.24±
 OIL & GAS ROYALTY OWNER: DONALD BOYD YOHO, KELLY ANN MEASE, ZANE EDWARD NELSEN, NANCY A. BAKER, LARRY JOHN MCCrackEN, PATRICIA ANN MCCrackEN, ROBERT JAY MCCrackEN, FLORENCE HAZLETT ET AL ACREAGE: 382.807±

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: 6,164'± TMD: 12475.30'±
 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

HAZLETT

M10H

PAGE 2 OF 2

	LESSOR	DIST-TM/PAR
A	DONALD BOYD YOHO KELLY ANN MEASE ZANE EDWARD NEILSEN NANCY A. BAKER LARRY JOHN MCCRACKEN PATRICIA ANN MCCRACKEN ROBERT JAY MCCRACKEN FLORENCE HAZLETT ET AL	13-12/49
B	RICHARD JOSEPH OTTE CAROLINE PENTZIEN PATRICIA GAIL FOSTER NANCY JEAN CUNNINGHAM REBECCA ANN YOHO HUBERT C. OTTE ET UX MICHAEL P. OTTE MARK DOUGLAS OTTE	13-12/47
C	RICHARD JOSEPH OTTE CAROLINE PENTZIEN PATRICIA GAIL FOSTER NANCY JEAN CUNNINGHAM REBECCA ANN YOHO HUBERT C. OTTE ET UX MICHAEL P. OTTE MARK DOUGLAS OTTE	14-3/2
D	RICHARD JOSEPH OTTE CAROLINE PENTZIEN PATRICIA GAIL FOSTER NANCY JEAN CUNNINGHAM REBECCA ANN YOHO HUBERT C. OTTE ET UX MICHAEL P. OTTE MARK DOUGLAS OTTE	14-3/2.1
E	RICHARD JOSEPH OTTE CAROLINE PENTZIEN PATRICIA GAIL FOSTER NANCY JEAN CUNNINGHAM REBECCA ANN YOHO HUBERT C. OTTE ET UX MICHAEL P. OTTE MARK DOUGLAS OTTE	14-3/53
F	CHARLES RICHARD WILSON	14-3/45

	SURFACE OWNER	DIST-TM/PAR
1	IRENE HAZLETT - LIFE	13-12/49
2	IRENE HAZLETT - LIFE	13-12/47
3	HUBERT C. OTTE ET AL	14-3/2
4	HUBERT C. & JANE E. OTTE	14-3/2.1
5	HUBERT C. & JANE E. OTTE	14-3/53
6	CHARLES RICHARD WILSON	14-3/45

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4423421.35 E:524131.12 NAD83, WV NORTH N:534309.870 E:1627240.670

APPROX. LANDING POINT
UTM 17-NAD83(M) N:4423101.60 E:524039.45 NAD83, WV NORTH N:533265.610 E:1626922.290

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4421722.22 E:525150.14 NAD83, WV NORTH N:528678.210 E:1630491.370

NOVEMBER 11, 2019

THRASHER

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

API WELL #: 47 51 02300 *RLA*
STATE COUNTY PERMIT