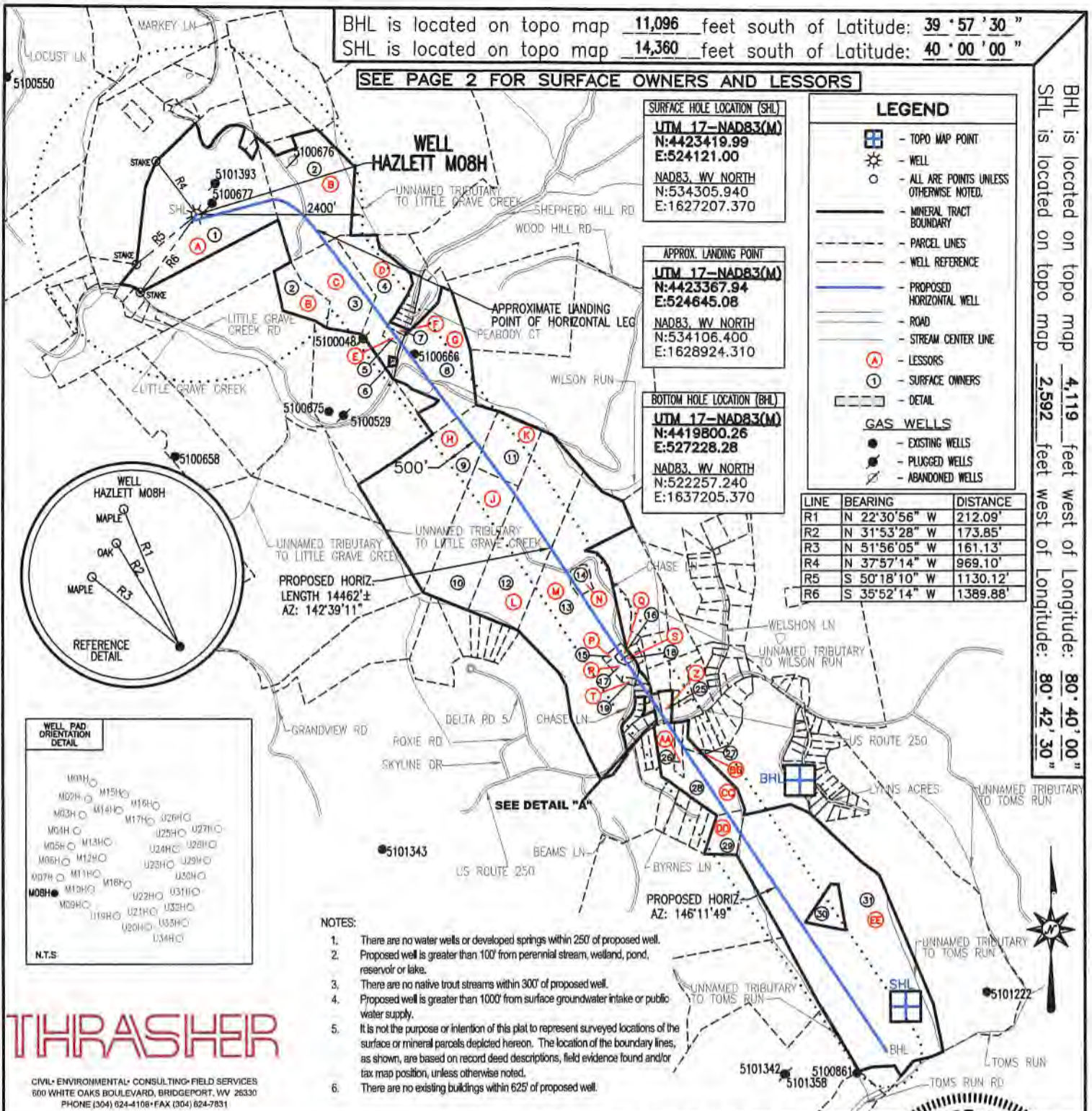


BHL is located on topo map 11,096 feet south of Latitude: 39° 57' 30"
 SHL is located on topo map 14,360 feet south of Latitude: 40° 00' 00"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

BHL is located on topo map 4,119 feet west of Longitude: 80° 40' 00"
 SHL is located on topo map 2,592 feet west of Longitude: 80° 42' 30"



SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4423419.99
 E:524121.00
 NAD83, WV NORTH
 N:534305.940
 E:1627207.370

APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4423367.94
 E:524645.08
 NAD83, WV NORTH
 N:534106.400
 E:1628924.310

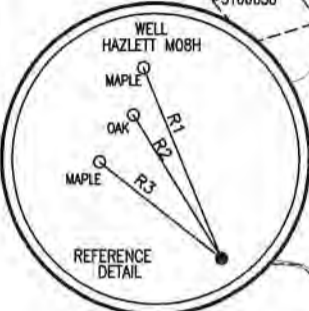
BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4419800.26
 E:527228.28
 NAD83, WV NORTH
 N:522257.240
 E:1637205.370

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
- DETAIL

GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS



WELL PAD ORIENTATION DETAIL

M08H	M154H
M024H	M144H
M034H	M174H
M044H	M134H
M054H	M124H
M064H	M114H
M074H	M104H
M084H	M094H
M094H	M084H
M104H	M074H
M114H	M064H
M124H	M054H
M134H	M044H
M144H	M034H
M154H	M024H

N.T.S.

PROPOSED HORIZ.
 LENGTH 14462'±
 AZ: 142°39'11"

PROPOSED HORIZ.
 AZ: 146°11'49"

- 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.

THRASHER

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

FILE #: HAZLETT M08H
 DRAWING #: HAZLETT M08H
 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 M08H
 API WELL #: 47 51 02100 MOD1
 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 NEILSEN, NANCY A. BAKER, LARRY JOHN MCCrackEN, PATRICIA ANN MCCrackEN, ROBERT JAY MCCrackEN, FLORENCE HAZLETT ET AL ACREAGE: 593.211±

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: 21,340.62'±

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

M08H

PAGE 2 OF 2

	SURFACE OWNER	DIST-TM/PAR
1	IRENE HAZLETT-LIFE	13-12/49
2	CITY OF GLENDALE	13-12/44
3	HUBERT C. OTTE ET AL	13-12/43
4	GARY A. ROBINSON	13-12/43.1
5	DAVID R. & JOAN M. BURKETT	13-12/42.2
6	SAMUEL RICHARD DERROW ET UX	13-12/42.8
7	DAVID R. & JOAN M. BURKETT	13-12/42.5
8	DAVID R. BURKETT ET UX	14-3/5
9	HUBERT C. OTTE ET AL	14-3/44
10	DONNA L. CLAYTON	14-3/42
11	DONALD HILL	14-3/43
12	DONNA L. CLAYTON	14-3/41
13	DENNIS G. O'NEIL ET UX	14-3/40
14	GARRETT D. O'NEIL	14-3/40.3
15	ARCHIE KURTIS & SABRINA STEVEY	14-3B/19
16	MICHAEL SNEIGLE	14-3B/15
17	DANIEL L. STEVEY ET UX	14-3B/21
18	ARCHIE K. & SABRINA STEVEY	14-3B/14
19	DAVID L. & MALINDA L. STEVEY	14-3B/16
20	WILLIAM L. BANDY ET UX	14-3B/11
21	RONALD D. & SANDRA SUE MARTIN	14-3B/10
22	NANCY S. & CHAD M. DAVIS	14-3B/9
23	*HARRY LEE SNEIGLE - LIFE	14-3B/20
24	SANDREA M. SCHANE	14-3/35
25	DAVID W. & DENISE ARMS	14-3/33
26	OLLIE C. HUGGINS	14-7/31.1
27	WANDA K. SULLIVAN	14-7/32
28	HAROLD C. SCHWING ET UX	14-7/31
29	MICHAEL J. & ANGELA PHILLIPS	14-7/30
30	WHEELING POWER CO.	14-7/42.1
31	WILLIAM H., III & LINDA BARDALL	14-7/42

	LESSOR	DIST-TM/PAR
A	DONALD BOYD YOHO	13-12/49
	KELLY ANN MEASE	
	ZANE EDWARD NEILSEN	
	NANCY A. BAKER	
	LARRY JOHN MCCrackEN	
	PATRICIA ANN MCCrackEN	
	ROBERT JAY MCCrackEN	
	FLORENCE HAZLETT ET AL	
B	JOHN CARL HAZLETT	13-12/44
	FLORENCE HAZLETT	
C	RICHARD JOSEPH OTTE	13-12/43
	CAROLINE PENTZIEN	
	PATRICIA GAIL FOSTER	
	NANCY JEAN CUNNINGHAM	
	REBECCA ANN YOHO	
	HUBERT C. OTTE ET UX	
	MICHAEL P. OTTE	
	MARK DOUGLAS OTTE	
D	GARY A. ROBINSON	13-12/43.1
E	DAVID & JOAN BURKETT	13-12/42.2
F	DAVID & JOAN BURKETT	13-12/42.5
G	DAVID R. BURKETT ET UX	14-3/5
H	RICHARD JOSEPH OTTE	14-3/44
	CAROLINE PENTZIEN	
	PATRICIA GAIL FOSTER	
	NANCY JEAN CUNNINGHAM	
	REBECCA ANN YOHO	
	HUBERT C. OTTE ET UX	
	MICHAEL P. OTTE	
	MARK DOUGLAS OTTE	
J	DONNA L. CLAYTON	14-3/42
K	DONALD HILL	14-3/43
L	DONNA L. CLAYTON	14-3/41
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R	DENNIS O'NEIL ET UX	14-3B/21
S	DENNIS O'NEIL ET UX	14-3B/14
T	DENNIS O'NEIL ET UX	14-3B/16
U	DENNIS O'NEIL ET UX	14-3B/11
V	DENNIS O'NEIL ET UX	14-3B/10
W	DENNIS O'NEIL ET UX	14-3B/9
X	*DENNIS O'NEIL ET UX	14-3B/20
Y	THOMAS L. SCHANE ET UX	14-3/35
Z	BRIDGET MARIE CARMICHAEL	14-3/33
AA	OLLIE C. HUGGINS	14-7/31.1
BB	WANDA K. SULLIVAN	14-7/32
CC	HAROLD C. SCHWING ET UX	14-7/31
DD	MICHAEL J. PHILLIPS ET UX	14-7/30
EE	EDWARD LOUIS LEHASKY JR.	14-7/42
	ELLEN BEAM RUDY ET VIR	
	WILLIAM DORSEY BEAM ET UX	
	ROSS BELL JR.	
	WILLIAM DORSEY ET UX	

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E:527228.28
 NAD83, WV NORTH
 N:522257.240
 E:1637205.370



* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

NOVEMBER 11, 2019

THRASHER

API WELL #: 47 51 02100 MOD 1
 STATE COUNTY PERMIT