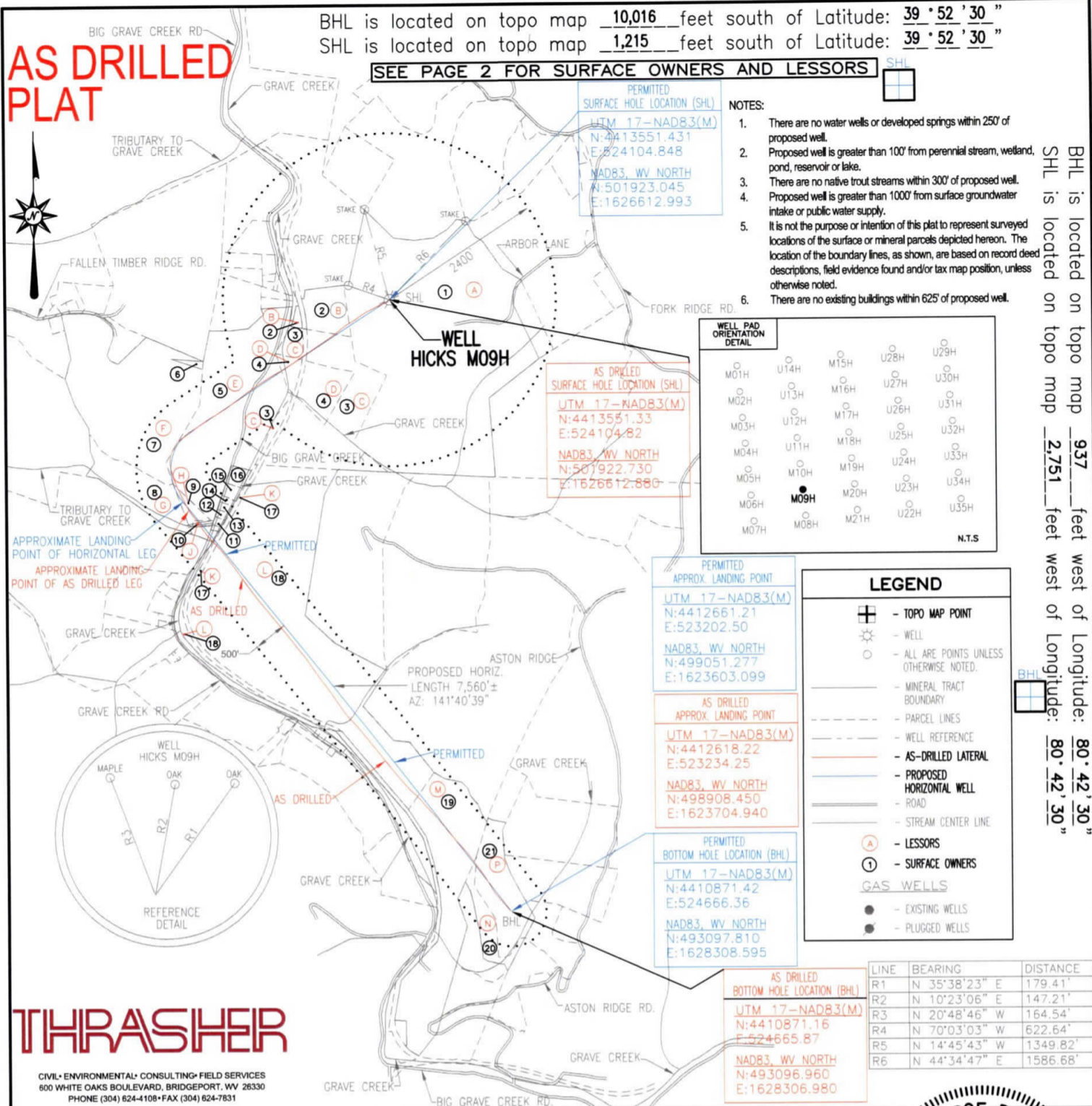


BHL is located on topo map 10,016 feet south of Latitude: 39° 52' 30"
 SHL is located on topo map 1,215 feet south of Latitude: 39° 52' 30"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

AS DRILLED PLAT



PERMITTED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4413551.431
 E:524104.848
 NAD83, WV NORTH
 N:501923.045
 E:1626612.993

AS DRILLED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4413551.33
 E:524104.82
 NAD83, WV NORTH
 N:507922.730
 E:1626612.880

PERMITTED APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4412661.21
 E:523202.50
 NAD83, WV NORTH
 N:499051.277
 E:1623603.099

AS DRILLED APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4412618.22
 E:523234.25
 NAD83, WV NORTH
 N:498908.450
 E:1623704.940

PERMITTED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4410871.42
 E:524666.36
 NAD83, WV NORTH
 N:493097.810
 E:1628308.595

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.

WELL PAD ORIENTATION DETAIL

M01H	U14H	M15H	U28H	U29H
M02H	U13H	M16H	U27H	U30H
M03H	U12H	M17H	U26H	U31H
M04H	U11H	M18H	U25H	U32H
M05H	M10H	M19H	U24H	U33H
M06H	M09H	M20H	U23H	U34H
M07H	M08H	M21H	U22H	U35H

N.T.S.

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

GAS WELLS

- - EXISTING WELLS
- - PLUGGED WELLS

LINE	BEARING	DISTANCE
R1	N 35°38'23" E	179.41'
R2	N 10°23'06" E	147.21'
R3	N 20°48'46" W	164.54'
R4	N 70°03'03" W	622.64'
R5	N 14°45'43" W	1349.82'
R6	N 44°34'47" E	1586.68'

THRASHER

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

FILE #: HICKS M09H-AS DRILLED
 DRAWING #: HICKS M09H-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



PLACE SEAL HERE

(+) 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 M09H-AS DRILLED
 API WELL #: 47 51 01994
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1161.57'

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: 648.023±

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: 6,320'± TMD: 16,888.73'±

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

BHL is located on topo map 937 feet west of Longitude: 80° 42' 30"
 SHL is located on topo map 2,751 feet west of Longitude: 80° 42' 30"

HICKS M09H 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	LILLIE LAVERN GAREY	4-8/36
D	SIDNEY P. POND ET UX	4-8/36.2
E	MABEL J. WILLIAMS	4-8/23
F	*BONAR FAMILY IREV TRST DTD 2/12/2009	4-8/18
G	*ROBERT D. RICHMOND ET UX	4-12/5
	*SUSAN V. PANNECK	
	*LINDA MARGARET JENKINS	
	*DANIEL EDWARD BRUNOFF	
	*GRETA BRUNOFF DURAN	
	*ZELMA PLATON GRUNOFF	
	*JOAN TOWNSEND SHRUM	
	*JEANNE K. GRAY	
	*DAVID MARK BURLEY	
	*JOAN MARIE FELDNER	
H	*MARGARET BURLEY CARRINGTON	4-8/20
	ROBERT D. RICHMOND ET UX	
	CAROL J. RICHMOND	
	DAVID P. ROBINSON	
	CNX GAS COMPANY LLC	
	DIOCESSES OF WHEELING - CHARLESTON	
	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		
M	HARRY ROUSH	4-11/3
N	HARRY ROUSH	4-11/6
P	ROY A. CLARK ET UX	4-10/9

PERMITTED SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4413551.431 E:524104.848
NAD83, WV NORTH N:501923.045 E:1626612.993

PERMITTED APPROX. LANDING POINT
UTM 17-NAD83(M) N:4412661.21 E:523202.50
NAD83, WV NORTH N:499051.277 E:1623603.099

PERMITTED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4410871.42 E:524666.36
NAD83, WV NORTH N:493097.810 E:1628308.595

	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	VICKIE L. & SIDNEY P. POND	4-8/36.1
3	LILLIE LAVERN GAREY	4-8/36
4	SIDNEY P. POND ET UX	4-8/36.2
5	MABEL JUANITA WILLIAMS	4-8/23
6	HENRY W. & LINDA M. ASTON	4-8/19
7	*BONAR FAMILY IRREVOCABLE TR	4-8/18
8	*ROBERT D. & VIRGINIA RICHMOND	4-12/5
9	ROBERT D. & VIRGINIA RICHMOND	4-8/20
10	CAROL J. & DAVID P. ROBINSON	4-8/20.1
11	GLENN H. KESSELRING ET UX	4-8/21
12	SAMUEL HARLON & MISTY L. HALL	4-8/22
13	KERMIT E. PERSINGER ET UX	4-8/23.1
14	KERMIT E. PERSINGER ET UX	4-8/24
15	ANN M. STEVEY	4-8/23.2
16	MARILYN MARTIN	4-8/23.3
17	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT.	4-12/25
18	CITY OF MOUNDSVILLE	4-10/1
19	HARRY F. ROUSH ET UX	4-11/3
20	HARRY F. ROUSH ET UX	4-11/6
21	ROY A. & SANDRA F. CLARK	4-10/9

AS DRILLED SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4413551.33 E:524104.82
NAD83, WV NORTH N:501922.730 E:1626612.880

AS DRILLED APPROX. LANDING POINT
UTM 17-NAD83(M) N:4412618.22 E:523234.25
NAD83, WV NORTH N:498908.450 E:1623704.940

AS DRILLED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4410871.16 E:524665.87
NAD83, WV NORTH N:493096.960 E:1628306.980

JANUARY 31, 2020

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

THRASHER

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