

AS DRILLED PLAT

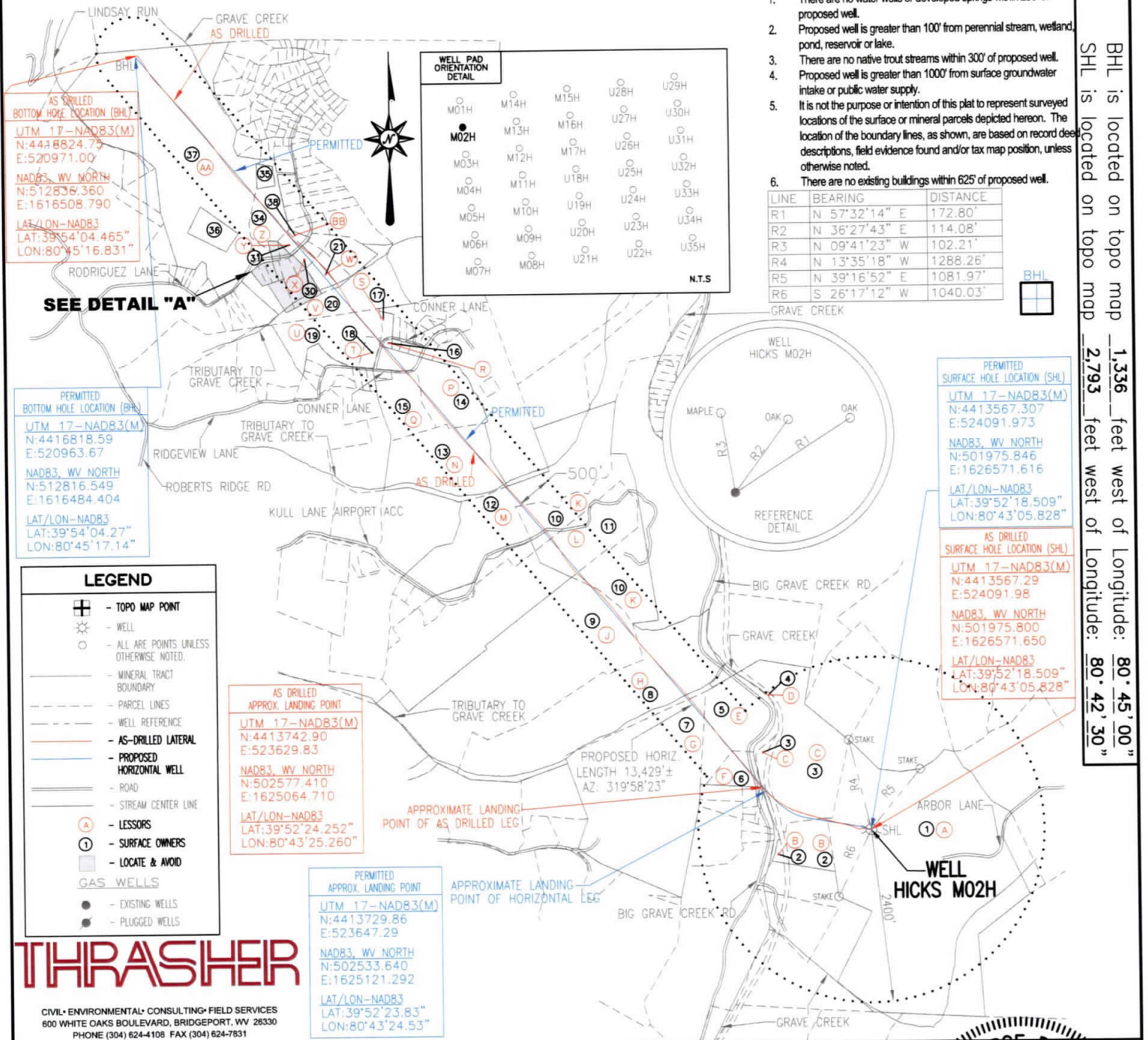
BHL is located on topo map 5,640 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 1,163 feet south of Latitude: 39° 52' 30"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

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 descriptions, field evidence found and/or tax map position, unless otherwise noted.
- There are no existing buildings within 625' of proposed well.

LINE	BEARING	DISTANCE
R1	N 57°32'14" E	172.80'
R2	N 36°27'43" E	114.08'
R3	N 09°41'23" W	102.21'
R4	N 13°35'18" W	1288.26'
R5	N 39°16'52" E	1081.97'
R6	S 26°17'12" W	1040.03'



BHL is located on topo map 1,336 feet west of Longitude: 80° 45' 00"
 SHL is located on topo map 2,793 feet west of Longitude: 80° 42' 30"

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

FILE #: HICKS M02H-AS DRILLED
 DRAWING #: HICKS M02H-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

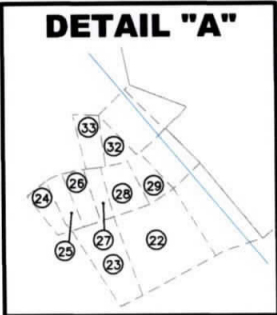
DATE: JANUARY 31, 2020
 OPERATOR'S WELL #: HICKS M02H-AS DRILLED
 API WELL #: 47 51 01898
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1176.07'
 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: 853.486±

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: 20,692.4'±
 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



HICKS M02H 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	CHESAPEAKE APPALACHIA, LLC.	4-8/35
D	CNX GAS COMPANY LLC	4-8/39
E	CHESAPEAKE APPALACHIA, LLC.	4-8/35.1
F	DENVER O. THOMAS, ET UX.	4-8/32
G	HENRY ASTON, ET UX.	4-8/17
	LEO GAMBLE	
	BILLIE D. BRENNAN	
	BARBARA RIGGLE	
	NOREEN G. MILLER, ET VIR.	
	ANNE LONG HAND, ET VIR.	
	JOHN M. GAMBLE	
	MARGARET M. VERRALL	
	LARRY MCCULLOUGH	
	MARK CARTER GAMBLE	
	CHARLES PAUL GAMBLE, ET UX.	
	CLARICE BURT	
	DONALD CARMICHAEL	
	JANE ANN DAY	
	PEGGY FILLMORE	
	BILLIE JO GARNER	
	ARDITH HOLMES	
	ELEANOR HOLMES	
	GENE LAWSON HOLMES	
	JANICE A. HOLMES	
	MARY HOLMES	
	MITCHELL R. HOLMES	
	RONALD LEMOYNE HOLMES	
	TIM HOLMES	
	VIRGINIA HOLMES	
	MYRNA LOUANN HOLSTINE	
	LYLA LORRAINE HUBBS	
	BONNIE LIBRIZZI	
	MARY LOUISE LIPSKY	
	KAREN V. MAAS	
	VERA MARIE MIDCAP	
	MAVARENE L. REDD	
	EULA RICHARDS BY AIF CAROLYN THOMPSON	
	HELEN M. RINE	
	MARILYN LAVONDA RULONG	
	VIOLET P. STANDIFORD	
	CHRISTINE A. CIOCCIA	
	SHIRLEY DULANEY	
	WILLIAM EARNEST	
	JANE ANN GAMBLE	
	JULIA GAMBLE BY AIF MARY JO DOMBROWSKI	
	HOWARD MCCARDLE	
	JOAN MILLIKEN	
	SHERWIN LEE RUCKMAN	
	BOBBI JO STARK	
	BELINDA S. WEST	
	MARY ELLEN WHIPKEY	
	ROBIN WILLIAMS	
	LLOYD ELWOOD HOLMES	
H	SANDRA KAY WARNER	4-8/16
	PATSY SUE BAYHA	
	HALLIE LU PETERSON	
	LUCRETIA LEE	
	DELLA K. BOONE	
	DENNIS PARSONS	
	DR. CASPER E. CLINE	
	CHARLOTTE L. STROMSLAND	
J	JOHN L. FOX	4-5/54.1
	KAREN M. FOX	
	CHRISTI F. PRESTON	
	JOHN L. FOX, II	
	CYNTHIA S. HAMILTON	
	DOROTHY A. ARGENTA	
	JOAN E. KRESS	
	WILLIAM P. ARGENTA	
	PAUL T. ARGENTA	
	MARY E. PERSINGER	
	JANET C. HUNNELL	
	MICHAEL PERSINGER	
	BETH BLAKE	
	KAREN FOX EVANS	
	WILLIAM B. FOX	
	LINDA SMITH	
	ANN MILLER	
K	MARSHALL COUNTY AIRPORT AUTHORITY	4-4/2
L	MARSHALL COUNTY AIRPORT AUTHORITY	4-4/2.1

	LESSOR	DIST-TM/PAR
M	JOHN L. FOX	4-5/54.5
	KAREN M. FOX	
	CHRISTI F. PRESTON	
	JOHN L. FOX, II	
	CYNTHIA S. HAMILTON	
	DOROTHY A. ARGENTA	
	MARY E. PERSINGER	
	KAREN FOX EVANS	
	BRAD FOX	
	LINDA SMITH	
	ANN MACHELE MILLER	
	JANET C. HUNNELL	
	MICHAEL PERSINGER	
	BETH BLAKE	
	WILLIAM P. ARGENTA	
	PAUL T. ARGENTA	
	JOAN E. KRESS	
N	JAMES L. DRAKE, ET UX.	4-5/46.2
P	ROBERT C. MILLER, ET UX.	4-5/46
Q	MICHAEL W. THOMAS	4-5/46.3
R	RUSSELL M. MCMAHON	4-5/36
S	WAYNE W. KAUFMAN, ET UX.	4-5/35
T	MATTHEW W. GRAY, ET UX.	4-5/34
U	PAUL RINE, ET UX.	4-5/32.1
V	GREGORY SNIDER	4-2/50.7
W	RICHARD D. EMERY, ET UX.	4-2/50.5
X	RICHARD D. EMERY, ET UX.	4-2/67
Y	ROGER C. JAMES, III ET UX.	4-2/63
Z	GREGORY K. WOOD, ET UX.	4-2/50
AA	GREGORY K. WOOD, ET UX.	4-2/52
BB	*RUTH M. CHRISLIP	4-2/62

	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	VICKIE L. & SIDNEY P. POND	4-8/36.1
3	RONALD ELWOOD STERN ET UX	4-8/35
4	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-8/39
5	ROBERT L., JR. & PATSY ANN CLARK	4-8/35.1
6	BRIAN A. & MELISSA A. GUNN	4-8/32
7	HENRY W. & LINDA M. ASTON - LIFE	4-8/17
8	CHARLES W., JR. & JUDY MERCER	4-8/16
9	MARY E. & JANET C. PERSINGER	4-5/54.1
10	MARSHALL CO AIRPORT AUTHORITY	4-4/2
11	MARSHALL CO AIRPORT AUTHORITY	4-4/2.1
12	LENEE J. CURITTI ET UX	4-5/54.5
13	JAMES L. & KATHY L. DRAKE	4-5/46.2
14	LINDA LEOLA MILLER	4-5/46
15	MICHAEL W. THOMAS ET UX	4-5/46.3
16	RUSSELL M. MCMAHON ET UX	4-5/36
17	WAYNE W. KAUFMAN ET UX	4-5/35
18	MATTHEW G. GRAY & HOLLY PORTER	4-5/34
19	PAUL WAYNE RINE ET UX	4-5/32.1
20	GREGORY SNIDER	4-2/50.7
21	RICHARD EMERY ET UX	4-2/50.5
22	GARY IRWIN NELSON ET UX	4-2/50.4
23	GEORGE D. & LAURIE E. BUMGARDNER	4-2/50.9
24	GEORGE D., II & LAURIE BUMGARDNER	4-2/52.18
25	GEORGE DONALD, II & LAURIE ELLEN BUMGARDNER	4-2/52.15
26	GEORGE DONALD BUMGARDNER, II ET UX	4-2/52.13
27	GEORGE DONALD BUMGARDNER, II ET UX	4-2/52.14
28	GARY I. NELSON ET UX	4-2/66
29	GARY I. NELSON ET UX	4-2/50.1
30	RICHARD DOUGLAS EMERY ET UX	4-2/67
31	ROGER JAMES ET UX	4-2/63
32	ROGER C. JAMES, III ET UX	4-2/50.6
33	DEREK T. REED	4-2/65
34	GREGORY K. WOOD	4-2/50
35	BRENDA L. & TIMOTHY E. ESTEL	4-2/50.8
36	GREGORY K. & BONNIE J. WOOD	4-2/52.19
37	GREGORY K. WOOD	4-2/52
38	*RUTH MAY CHRISLIP	4-2/62

PERMITTED SURFACE HOLE LOCATION (SHL)	PERMITTED APPROX. LANDING POINT	PERMITTED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413567.307 E:524091.973	UTM 17-NAD83(M) N:4413729.86 E:523647.29	UTM 17-NAD83(M) N:4416818.59 E:520963.67
NAD83, WV NORTH N:501975.846 E:1626571.616	NAD83, WV NORTH N:502533.640 E:1625121.292	NAD83, WV NORTH N:512816.549 E:1616484.404
LAT/LON-NAD83 LAT:39°52'18.509" LON:80°43'05.828"	LAT/LON-NAD83 LAT:39°52'23.83" LON:80°43'24.53"	LAT/LON-NAD83 LAT:39°54'04.27" LON:80°45'17.14"

AS DRILLED SURFACE HOLE LOCATION (SHL)	AS DRILLED APPROX. LANDING POINT	AS DRILLED BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413567.29 E:524091.98	UTM 17-NAD83(M) N:4413742.90 E:523629.83	UTM 17-NAD83(M) N:4416824.75 E:520971.00
NAD83, WV NORTH N:501975.800 E:1626571.650	NAD83, WV NORTH N:502577.410 E:1625064.710	NAD83, WV NORTH N:512836.360 E:1616508.790
LAT/LON-NAD83 LAT:39°52'18.509" LON:80°43'05.828"	LAT/LON-NAD83 LAT:39°52'24.252" LON:80°43'25.260"	LAT/LON-NAD83 LAT:39°54'04.465" LON:80°45'16.831"



JANUARY 31, 2020

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600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
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* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE