

BHL is located on topo map 5,469 feet south of Latitude: 39° 55' 00"  
 SHL is located on topo map 1,150 feet south of Latitude: 39° 52' 30"

**SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL**



BHL is located on topo map 9,960 feet west of Longitude: 80° 42' 30"  
 SHL is located on topo map 2,735 feet west of Longitude: 80° 42' 30"

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413571.33 E:524109.72  NAD83, WV NORTH N:501988.070 E:1626630.060	UTM 17-NAD83(M) N:4414010.43 E:524153.92  NAD83, WV NORTH N:503426.550 E:1626799.190	UTM 17-NAD83(M) N:4416873.16 E:521897.42  NAD83, WV NORTH N:512944.400 E:1619551.510



	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	CHEVRON USA INC	4-8/38
3	CHEVRON USA INC	4-8/34
4	MOUNTAINEER ENTERPRISES LLC	4-4/30
5	LESTER ALLEN & JANET E. RICHMOND	4-4/29
6	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-4/74
7	VERNON L. HYDE	4-4/71
8	JANET ELOWISE RICHMOND - LIFE	4-4/72
9	WILLARD L. ATWELL ET UX	4-4/73
10	VERNON L. HYDE	4-4/70
11	DANIEL L. & REBECCA L. WILLIAMS	4-4/70.1
12	CARL E., JR. & CARLENE LUCAS	4-4/4.5
13	DANIEL MARK TURKLEY	4-4/4.6
14	ERIC M. ROBERTS ET AL	4-4/4.4
15	THOMAS E., JR. & CRYSTAL M. ROGERSON	4-4/4.10
16	THOMAS E. ROGERSON JR.	4-4/4.12
17	ROBERT HAYWOOD MCCARTNEY ET UX	4-4/4.9
18	THOMAS E. ROGERSON JR.	4-4/4.3
19	SABRINA RENEE RUDISH	4-4/4
20	*CHARLES JOSEPH DARMAFALL - TOD	4-4/4.2
21	JON D. WAYT ET UX	4-4/4.7
22	RAYMOND V. CLAYTON	4-4/4.1
23	NANCY L. PARKS	4-4/6.1
24	JOHN T. PARKS EST	4-4/6
25	JOHN T. PARKS EST	4-4/5
26	LYLE R. MCMASTERS	4-4/7
27	GLEN MICHAEL SCHMID ET UX	4-4/8
28	GLEN MICHAEL SCHMID ET UX	4-4/9
29	ROBERT LEE HALL	4-4/10
30	JOS W. GOULDSBERRY JR. ET UX	4-4/11
31	JOS W. GOULDSBERRY JR. ET UX	4-4/12
32	SHERRI J. & GEORGE C. ANDERSON	4-4/13
33	GEORGE C. & SHERRI J. ANDERSON	4-4/14
34	WILLIAM J. FRITZMAN	4-4/15
35	ROBERT L. & PATSY CLARK	4-4/16
36	ROBERT L. CLARK	4-4/17.1
37	GEORGE R. FINNEGAN	4-4/17
38	PAUL WAYNE LIGHTNER	4-4/1.1
39	JOHN D. & CATHY L. LIGHTNER	4-4/1.7
40	JOHN D., JR. & CATHY L. LIGHTNER	4-4/1.2
41	JOHN D. & CATHY L. LIGHTNER	4-4/1.5
42	PAUL W. & AMANDA LIGHTNER	4-4/1.6
43	PAUL W. & AMANDA LIGHTNER	4-4/1.4
44	MARSHALL COUNTY HUNTING & FISHING	4-3/8
45	CHAPLIN REAL ESTATE CO	4-2/49

02/22/2019

	LESSOR	DIST-TM/PAR
A	CHRISTA DAWN HICKS ET AL	4-8/37
B	MARGARET E. HOSTUTLER, TRUSTEE	4-8/38
C	LESLIE SCHABER ET AL	4-8/34
D	CNX GAS COMPANY LLC	4-4/30
E	LESTER ALLEN RICHMOND ET AL	4-4/29
F	CNX GAS COMPANY LLC	4-4/74
G	ANDREW L. JACOBS JR.	4-4/71
H	JANET RICHMOND ET VIR	4-4/72
J	VERNON L. HYDE	4-4/70
K	VERNON L. HYDE	4-4/4.9
	ROBERT H. MCCARTNEY, ET UX	
L	THOMAS E. ROGERSON JR., ET UX	4-4/4.3
M	JOSEPH CHARLES RUDISH	4-4/4
N	*CHARLES J. DARMAFALL, ET UX	4-4/4.2
P	PAUL WAYNE LIGHTNER	4-4/1.7
Q	JOHN D. LIGHTNER JR. ET UX	4-4/1.2
R	PATRICIA A. BUNGARD	4-4/1.5
S	PATRICIA A. BUNGARD	4-4/1.6
T	DOUGLAS J. HUDSON ET UX	4-4/1.4
U	MARSHALL COUNTY HUNTING AND FISHING CLUB INC.	4-3/8
	THE HEIRS OF E. S. RICHARDON	
V	CHAPLIN REAL ESTATE CO	4-2/49

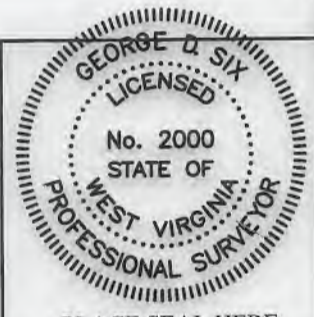
\* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE



FILE #: HICKS M16H  
 DRAWING #: HICKS M16H  
 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: OCTOBER 24, 2018  
 OPERATOR'S WELL #: HICKS M16H  
 API WELL #: 47 51 02163 H6A  
 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: 886.388±

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: 6,336'± TMD: 18,867.72'±

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



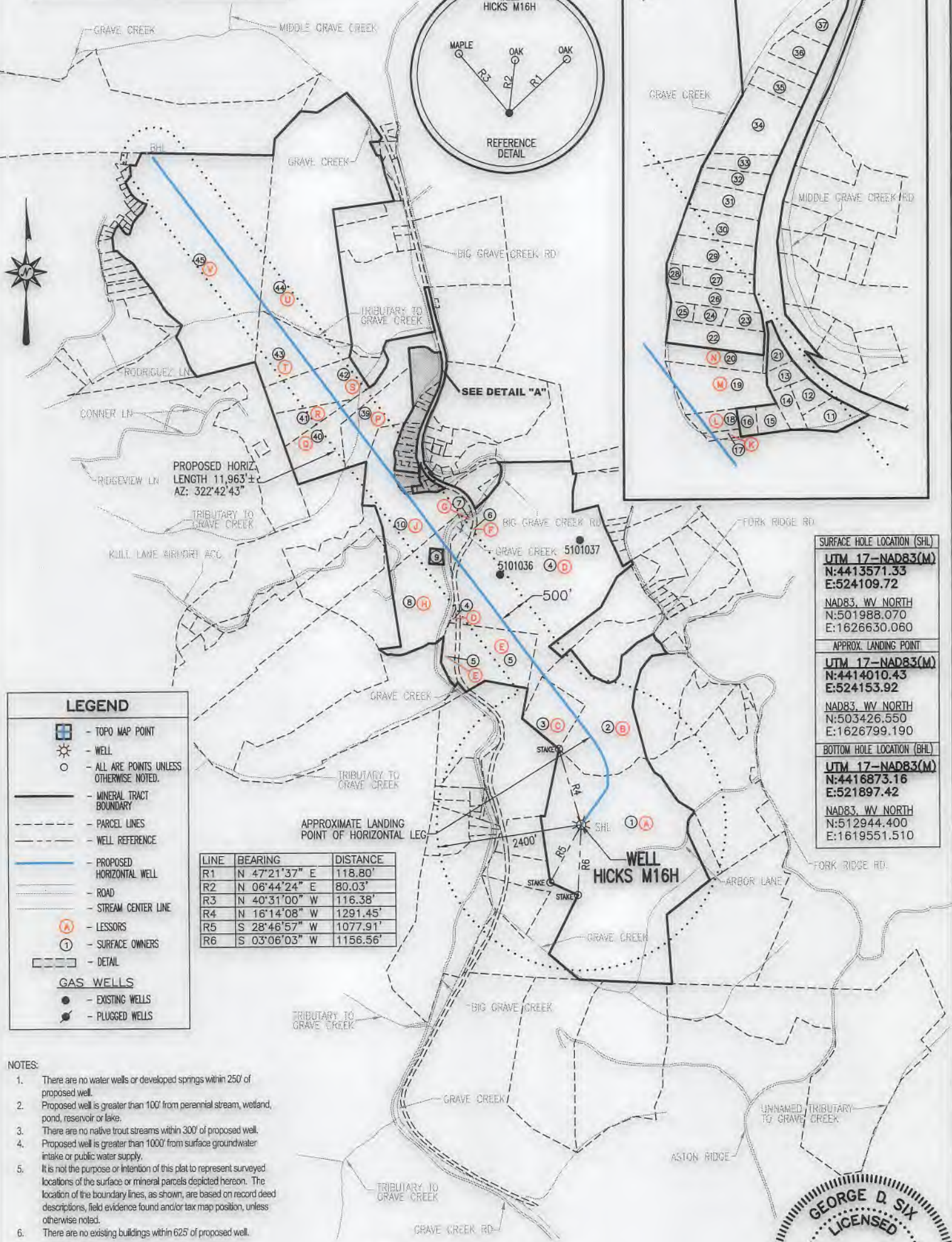
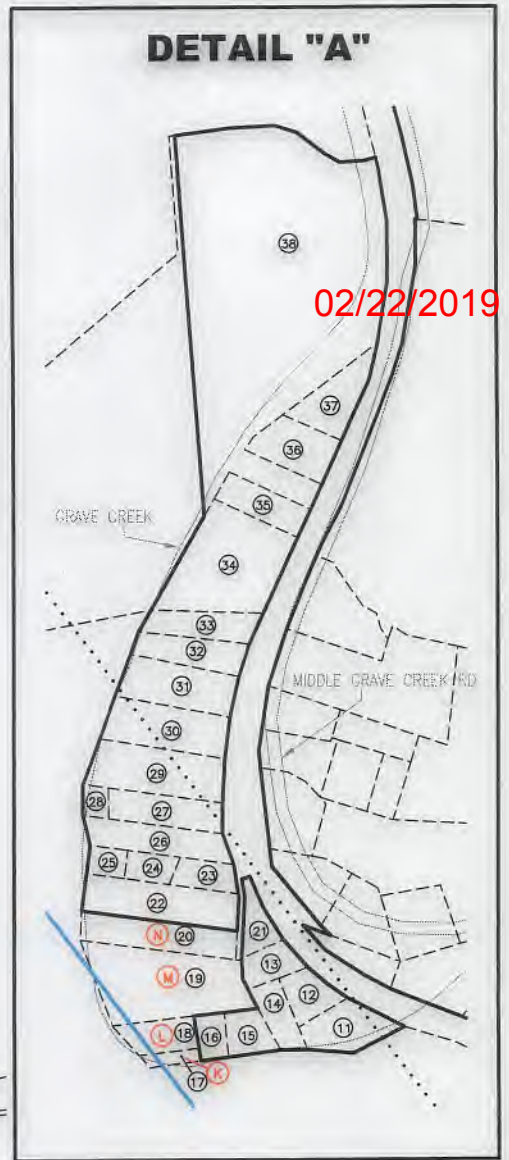
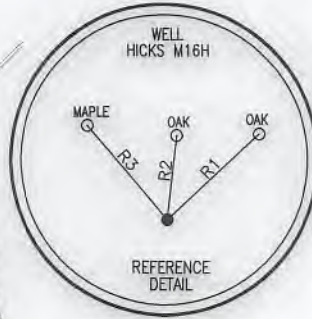
# HICKS M16H PAGE 2 OF 2

DETAIL "A"

02/22/2019

WELL PAD ORIENTATION DETAIL

N.T.S.



PROPOSED HORIZ.  
LENGTH 11,963 ±  
AZ: 322°42'43"

SEE DETAIL "A"

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**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

LINE	BEARING	DISTANCE
R1	N 47°21'37" E	118.80'
R2	N 06°44'24" E	80.03'
R3	N 40°31'00" W	116.38'
R4	N 16°14'08" W	1291.45'
R5	S 28°46'57" W	1077.91'
R6	S 03°06'03" W	1156.56'

- 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.

OCTOBER 24, 2018

**Blue Mountain**  
11023 MASON DIXON HIGHWAY  
BURTON, WV 26562  
PHONE: (304) 662-6486

*George D. Six*

