

Well is located on topo map 1,149 feet south of Latitude: 39° 55' 00"

# AS DRILLED PLAT

**AS DRILLED SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83(M)  
 N:4418216.51  
 E:529498.19  
 NAD83, WV NORTH  
 N:516935.62  
 E:1644567.17

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83  
 N:4418216.51  
 E:529498.19  
 NAD83, WV NORTH  
 N:516935.62  
 E:1644567.17

**APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4418475.26  
 E:529872.15  
 NAD83, WV NORTH  
 N:517764.19  
 E:1645808.52

**AS DRILLED APPROX. LANDING POINT**  
 UTM 17-NAD83(M)  
 N:4418373.59  
 E:529971.80  
 NAD83, WV NORTH  
 N:517425.10  
 E:1646129.93

LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
	- MINERAL TRACT BOUNDARY
	- PARCEL LINES
	- WELL ROUTE
	- AS-DRILLED LATERAL
	- PROPOSED HORIZONTAL WELL
	- ROAD
	- STREAM CENTER LINE
	- LESSORS
	- SURFACE OWNERS
<b>GAS WELLS</b>	
	- EXISTING WELLS
	- PLUGGED WELLS

SEE PAGE 2 FOR SURFACE OWNERS

PARCEL	LESSOR
A	JOHN J. & RENEE HART
B	LAURA MAE HARTLEY
C	WILLIAM H. DEAL
D	WILLIAM H. DEAL
E	RICHARD A. & RUTH B. GAMES
F	RICHARD A. & RUTH B. GAMES
G	RICHARD A. & RUTH B. GAMES
H	RICHARD A. & RUTH B. GAMES
J	RICHARD A. & RUTH B. GAMES
K	RICHARD A. & RUTH B. GAMES
L	RICHARD A. & RUTH B. GAMES
M	JOHN W. & MARY A. MILLER
N	HONUS A. STOLLAR
P	JOHN D. & SHARON M. EBBERT
Q	PHILIP A. & DEBORAH K. KITTLE
R	PHILIP A. & DEBORAH K. KITTLE
S	PHILIP A. & DEBORAH K. KITTLE
T	RICHARD A. & RUTH B. GAMES
U*	RICHARD A. & RUTH B. GAMES

LINE	BEARING	DISTANCE
R1	N 64°06'00" E	237.00'
R2	S 62°56'55" E	207.38'
R3	S 51°52'33" E	162.91'
R4	N 23°59'06" W	1535.91'
R5	N 58°50'46" W	1477.63'
R6	S 78°57'12" W	1656.75'

**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.

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

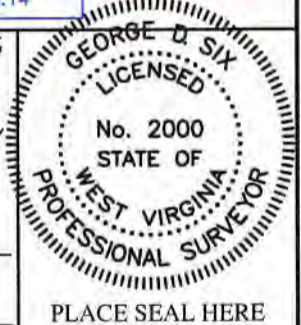
Well is located on topo map 8,371 feet west of Longitude: 80° 37' 30"

FILE #: HART 5H AS-DRILLED  
 DRAWING #: HART 5H 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 WYDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: APRIL 28, 2016  
 OPERATOR'S WELL #: HART 5H AS-DRILLED  
 API WELL #: 47 51 01751  
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1328.65'  
 COUNTY/DISTRICT: MARSHALL / WASHINGTON QUADRANGLE: MOUNDSVILLE, WV 7.5'  
 SURFACE OWNER: JOHN J. & RENEE HART ACREAGE: 108.550±  
 OIL & GAS ROYALTY OWNER: JOHN J. & RENEE HART ACREAGE: 722.922±

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: 6,743.47'± TMD: 15,471'±  
 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

# HART 5H

03/29/2019

	SURFACE OWNER	DIST-TM/PAR
1	JOHN J. II & JENNA E. HART	14-10/11
2	DENNIS & MICHELLE S. BLAKE	14-10/11.3
3	CARL W. & BRIDGETT L. YOHO	14-6/35
4	JAMES E. CURRY	14-10/15
5	JAMES E. CURRY	14-10/13
6	JOHN J. HART ET UX	14-10/14
7	JAMES E. BLAKE	14-10/11.1
8	JOHN J. HART ET UX	14-6/36
9	CARL W. YOHO ET AL	14-6/35.1
10	CARL W. & BRIDGETT L. YOHO	14-6/28.1
11	CARL W. & BRIDGETT L. YOHO	14-6/28
12	JEFFREY D. & DENISE A. CRAMER	14-6/27
13	ANNE E. MORRIS	14-6/26
14	JOHN J. HART ET UX	14-10/18
15	JOHN J. & RENEE HART	14-10/19
16	JOHN J. & RENEE HART	14-10/19.1
17	JEFFREY D. & DENISE A. CRAMER	14-10/20
18	JOHN A. BIERCE ET UX	14-6/18.4
19	LEROY E. MEADOWS ET UX	15-8/4
20	LEROY E. MEADOWS ET UX	15-8/5.10
21	STEVE M. BONAR II	15-8/5.1
22	REX W. & JANET L. GARRISON	15-8/5
23	REX W. & JANET L. GARRISON	15-8/5.8
24	REX W. GARRISON	15-8/5.6
25	REX W. & JANET L. GARRISON	15-8/5.9
26	EDWARD D. & MALLORY J. FORDYCE	15-8/5.5
27	JOHN E. DRAKE ET UX	15-15/8.16
28	JOHN A. BIERCE II ET UX	15-15/3
29	VERNON KNOX JR. ET UX	15-15/2
30	KANDY J & ANTHONY E BLATT	15-15/9.1
31	JOHN A. BIERCE II ET UX	15-15/4
32	JOHN B. KESTNER ET UX	15-15/5
33	JOHN A. BIERCE II ET UX	15-15/6
34	JOHN A. BIERCE II ET UX	15-15/7
35	HEIKKI & TRISHA YEAGER	15-15/8.6
36	LARRY D. STERN	15-15/8.14
37	JASON D. PETHTEL	15-15/8.2
38	JASON D. PETHTEL	15-15/8.17
39	WILLIAM S. COX JR.	15-15/8.13
40	WILLIAM S. COX JR.	15-15/8.4
41	RONALD ADAMS ET UX	15-15/8.5
42	JOHN E. DRAKE ET UX	15-15/8.15
43	JOHN E. DRAKE ET UX	15-15/8.1
44	JOHN MASTELLER ET UX	15-8/5.7
45	DARRYL G. HILL ET AL	15-8/5.3
46	JOHN M. & LINDA G. SKRYPEK	15-15/8.11
47	JOHN M. SKRYPEK ET AL	15-15/8.19
48	GREG R. & MELODY BURKE	15-15/8.3
49	DAVID P. SCHIMMEL ET UX	15-15/8.7
50	FRANKIE D. WHITE ET UX	15-15/8.8
51	ERIC & CHRISTINA KESTNER	15-15/8.18
52	NATHAN J. & SHANEY M LILLEY	15-15/12.3
53	JERRY LILLEY ET UX	15-15/12.2
54	JERRY LILLEY ET UX	15-15/11.1
55	M E CHURCH	15-15/10
56	HONUS A. STOLLAR	15-15/9
57	CHRISTOPHER R. & DANIELLE KING	15-15/8.9
58	GREG R. & MELODY BURKE	15-15/8.20
59	JOHN M. & LINDA G. SKRYPEK	15-15/8.12
60	DARRYL G. HILL ET UX	15-8/5.4
61	RONALD W. & MARY E. BREAUULT	15-8/5.11
62	JOHN M. SKRYPEK ET UX	15-15/8.10
63	NATHAN J. & SHANEY M. LILLEY	15-15/11.2
64	JERRY IVAN & CAROLYN LILLEY	15-15/11
65	FRANKLIN J. PIERSON ET UX	15-15/21
66	FRANKLIN PIERSON ET UX	15-15/22
67	FRANKLIN J. PIERSON ET UX	15-15/24.2
68	JOHN D. EBBERT JR ET UX	15-15/24
69	EVELYN J. GAMBLE	15-15/24.1
70	STEVEN & JOYCE ROBINSON ET AL	15-15/26
71	DAVID HENDERSON	15-8/20.2
72	CHRISTOPHER D. & SANDRA O'NEIL	15-15/23
73	PHILIP ALAN KITTLE	15-15/25
74	PHILIP ALAN & DEBORAH K. KITTLE	15-15/33
75	PHILIP ALAN KITTLE	15-15/34
76	CHRISTOPHER D. & SANDRA O'NEIL	15-15/18
77	PHILIP ALAN KITTLE	15-15/35
78	TIMOTHY G. DUNLAP ET UX	15-16/19

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E:529971.80  
NAD83, WV NORTH  
N:517425.10  
E:1646129.93

BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83  
N:4416530.07  
E:531589.77  
NAD83, WV NORTH  
N:511286.80  
E:1651338.14

AS DRILLED  
BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83(M)  
N:4416530.46  
E:531590.02  
NAD83, WV NORTH  
N:511288.08  
E:1651338.99

RECEIVED  
Office of Oil and Gas  
DEC 18 2018  
WV Department of  
Environmental Protection