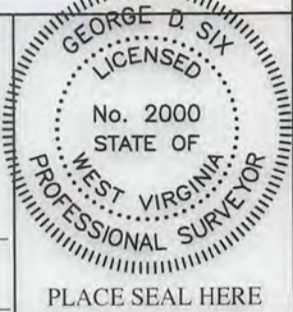


FILE #: HART 7H AS-DRILLED
 DRAWING #: HART 7H AS-DRILLED
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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: APRIL 28, 2016
 OPERATOR'S WELL #: HART 7H AS-DRILLED
 API WELL #: 47 51 01753
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1329.10'
 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: 667.782±

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: 6,743.33'± TMD: 15,221'±
 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

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

03/29/2019

HART 7H

	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	VERNON KNOX JR. ET UX	15-15/1
20	VERNON KNOX JR. ET UX	15-15/2
21	JOHN A. BIERCE II ET UX	15-15/3
22	JOHN A. BIERCE II ET UX	15-15/4
23	JOHN B. KESTNER ET UX	15-15/5
24	JOHN A. BIERCE II ET UX	15-15/6
25	JOHN A. BIERCE II ET UX	15-15/7
26	HEIKKI & TRISHA YEAGER	15-15/8.6
27	LARRY D. STERN	15-15/8.14
28	JASON D. PETHTEL	15-15/8.2
29	JASON D. PETHTEL	15-15/8.17
30	WILLIAM S. COX JR.	15-15/8.13
31	JOHN E. DRAKE ET UX	15-15/8.16
32	WILLIAM S. COX JR.	15-15/8.4
33	RONALD ADAMS ET UX	15-15/8.5
34	JOHN E. DRAKE ET UX	15-15/8.15
35	JOHN E. DRAKE ET UX	15-15/8.1
36	EDWARD D. & MALLORY J. FORDYCE	15-8/5.5
37	REX W. & JANET L. GARRISON	15-8/5.9
38	REX W. GARRISON	15-8/5.6
39	REX W. & JANET L. GARRISON	15-8/5.8
40	REX W. & JANET L. GARRISON	15-8/5
41	STEVE M. BONAR II	15-8/5.1
42	LEROY E. MEADOWS ET UX	15-8/5.10
43	LEROY E. MEADOWS ET UX	15-8/4
44	KANDY J. & ANTHONY E. BLATT	15-15/9.1
45	HONUS A. STOLLAR	15-15/9
46	ERIC & CHRISTINA KESTNER	15-15/8.18
47	FRANKIE D. WHITE ET UX	15-15/8.8
48	CHRISTOPHER R. & DANIELLE KING	15-15/8.9
49	JOHN M. SKRYPEK ET UX	15-15/8.10
50	NATHAN J. & SHANEY M. LILLEY	15-15/12.3
51	JERRY LILLEY ET UX	15-15/12.2
52	JERRY LILLEY ET UX	15-15/11.1
53	M E CHURCH	15-15/10
54	NATHAN J. & SHANEY M. LILLEY	15-15/11.2
55	JERRY IVAN & CAROLYN LILLEY	15-15/11
56	STEVEN & JOYCE ROBINSON ET AL	15-15/26
57	CHARLES BURKIEVICZ	15-15/19
58	CARL WILLIAM ERNEST JR	15-15/19.2
59	CARL WILLIAM ERNEST JR	15-15/19.1
60	ALLEN E. PETHTEL	15-15/19.3
61	ETHAN M J ULLUM	15-15/20
62	FRANKLIN J. PIERSON ET UX	15-15/21
63	FRANKLIN PIERSON ET UX	15-15/22
64	FRANKLIN J. PIERSON ET UX	15-15/24.2
65	JOHN D. EBBERT JR ET UX	15-15/24
66	EVELYN J. GAMBLE	15-15/24.1
67	CHRISTOPHER D. & SANDRA O'NEIL	15-15/23
68	TIMOTHY G. DUNLAP ET UX	15-16/19
69	CHRISTOPHER D. & SANDRA O'NEIL	15-15/18
70	JOHN A. BIERCE ET UX	14-6/18.4
71	PHILIP ALAN KITTLE	15-15/35
72	PHILIP ALAN KITTLE	15-15/34
73	PHILIP ALAN KITTLE	15-15/25
74	PHILIP ALAN & DEBORAH K. KITTLE	15-15/33

03/29/2019

SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4418212.24
 E:529498.06
 NAD83, WV NORTH
 N:516921.61
 E:1644566.51

AS DRILLED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4418212.24
 E:529498.06
 NAD83, WV NORTH
 N:516921.61
 E:1644566.51

APPROX. LANDING POINT
 UTM 17-NAD83
 N:4418319.38
 E:529745.50
 NAD83, WV NORTH
 N:517259.62
 E:1645384.36

AS DRILLED APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4418241.39
 E:529820.35
 NAD83, WV NORTH
 N:516999.57
 E:1645625.69

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4416410.54
 E:531431.09
 NAD83, WV NORTH
 N:510903.28
 E:1650810.87

AS DRILLED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4416411.00
 E:531431.49
 NAD83, WV NORTH
 N:510904.75
 E:1650812.22