

BHL is located on topo map 5,146 feet south of Latitude: 39° 07' 30"  
 SHL is located on topo map 6,743 feet south of Latitude: 39° 10' 00"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR SURFACE OWNERS

AS DRILLED  
PLAT



AS DRILLED  
SURFACE HOLE LOCATION (SHL)  
 UTM 17-NAD83(M)  
 N:4333365.446  
 E:548190.815  
 UTM 17-NAD83(FT)  
 N:14217049.80  
 E:1798522.70  
 LAT/LON DATUM-NAD83  
 LAT:39.148152  
 LON:-80.442308

AS DRILLED  
APPROX. LANDING POINT  
 UTM 17-NAD83(M)  
 N:4333645.396  
 E:548966.960  
 UTM 17-NAD83(FT)  
 N:14217968.27  
 E:1801069.10  
 LAT/LON DATUM-NAD83  
 LAT:39.150631  
 LON:-80.433306

AS DRILLED  
BOTTOM HOLE LOCATION (BHL)  
 UTM 17-NAD83(M)  
 N:4329308.086  
 E:550585.887  
 UTM 17-NAD83(FT)  
 N:14203738.28  
 E:1806380.53  
 LAT/LON DATUM-NAD83  
 LAT:39.111456  
 LON:-80.414895



	LESSOR	LEASE NO.	DIST-TM/PAR
A	J. B. GUSMAN ET AL	FK020606	20-444/11.2 12-444/13 12-444/14 12-444/21.1 12-444/21.2 12-444/21 12-444/22 20-444-11.3 20-444-11 20-444-11.1
B	W. L. HUGHES ET AL	FK020607	12-445/16 12-445/17 12-445/18.1
C	HOWARD NEELY	FK014008	12-445/30.3 12-445/30.1 12-445/30.2 12-445/44 12-445/2 12-445/30.5 12-465/1
D	H. S. BAILEY ET AL	FK013035	12-465/1
E	ISAAC JACKSON	LC009807	4-8B/4 4-8B/5 4-8C/29 4-8C/33.2 4-8C/34 4-10/67

BHL is located on topo map 11,249 feet west of Longitude: 80° 22' 30"  
 SHL is located on topo map 7,272 feet west of Longitude: 80° 25' 00"



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

FILE #: 1209 S-12H  
 DRAWING #: 1209 S-12H  
 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: [Signature]  
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2346



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP

OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

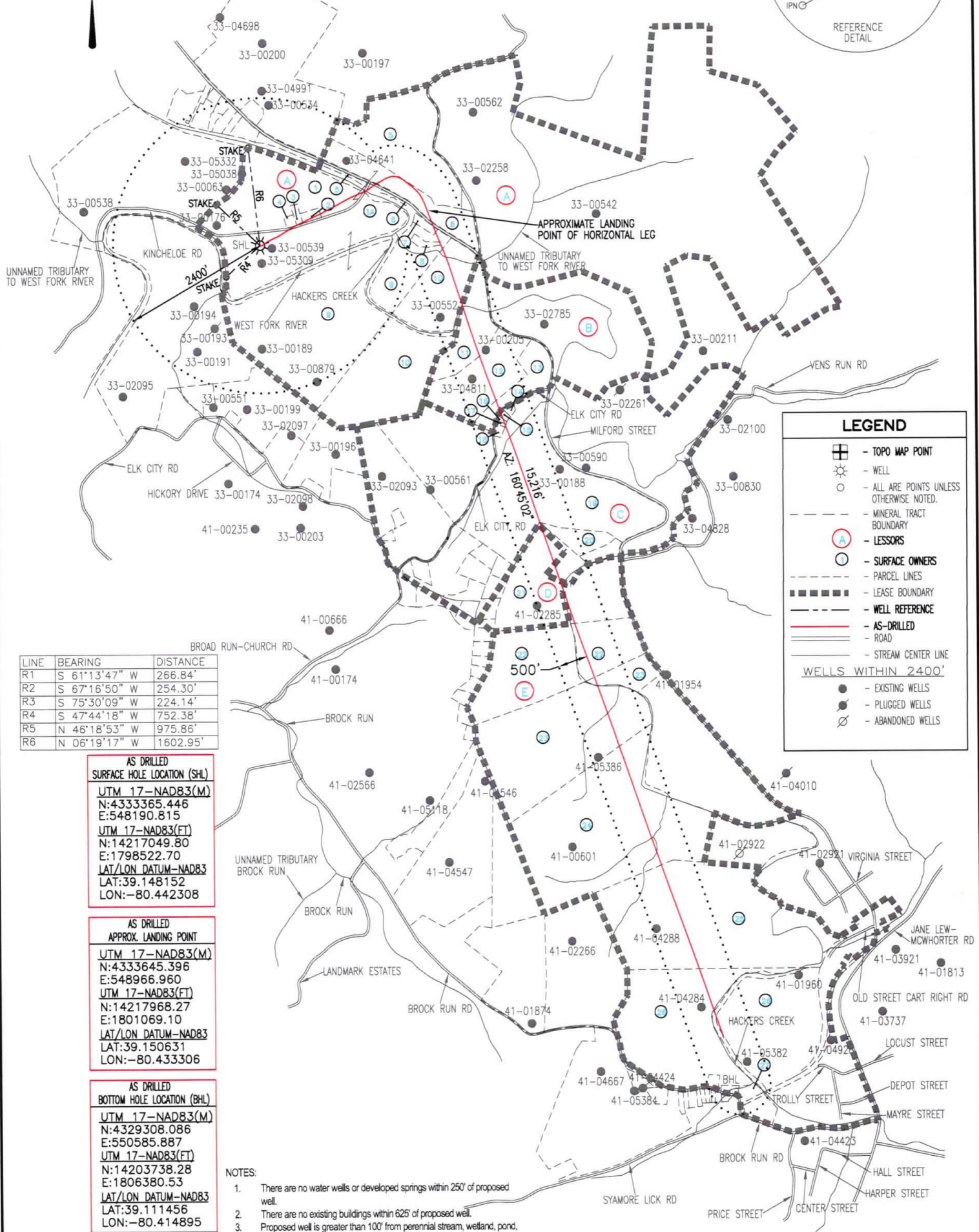
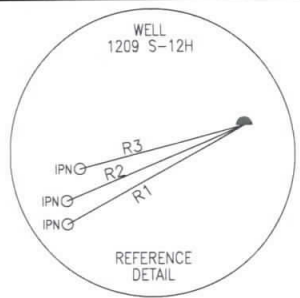
DATE: MAY 21, 2020  
 OPERATOR'S WELL #: 1209 S-12H  
 API WELL #: 47 33 05948  
 STATE COUNTY PERMIT

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

WATERSHED: MIDDLE WEST FORK CREEK ELEVATION: 1,007'±  
 COUNTY/DISTRICT: HARRISON / UNION QUADRANGLE: WEST MILFORD, WV 7.5'  
 SURFACE OWNER: HG ENERGY II APPALACHIA, LLC ACREAGE: 95.06±  
 OIL & GAS ROYALTY OWNER: ANN COVINGTON, ET AL ACREAGE: 1147.196±  
 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: 6,832'± TMD: 22,950'±  
 WELL OPERATOR HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT DIANE C. WHITE  
 Address 5260 DUPONT ROAD Address 5260 DUPONT ROAD  
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

# AS DRILLED 1209 S-12H PLAT PAGE 2 OF 3



**LEGEND**

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- LESSORS
- SURFACE OWNERS
- PARCEL LINES
- LEASE BOUNDARY
- WELL REFERENCE
- AS-DRILLED
- ROAD
- STREAM CENTER LINE

**WELLS WITHIN 2400'**

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

LINE	BEARING	DISTANCE
R1	S 61°13'47" W	266.84'
R2	S 67°16'50" W	254.30'
R3	S 75°30'09" W	224.14'
R4	S 47°44'18" W	752.38'
R5	N 46°18'53" W	975.86'
R6	N 06°19'17" W	1602.95'

**AS DRILLED  
SURFACE HOLE LOCATION (SHL)**

UTM 17-NAD83(M)  
N:4333365.446  
E:548190.815

UTM 17-NAD83(FT)  
N:14217049.80  
E:1798522.70

LAT/LON DATUM-NAD83  
LAT:39.148152  
LON:-80.442308

**AS DRILLED  
APPROX. LANDING POINT**

UTM 17-NAD83(M)  
N:4333645.396  
E:548966.960

UTM 17-NAD83(FT)  
N:14217968.27  
E:1801069.10

LAT/LON DATUM-NAD83  
LAT:39.150631  
LON:-80.433306

**AS DRILLED  
BOTTOM HOLE LOCATION (BHL)**

UTM 17-NAD83(M)  
N:4329308.086  
E:550585.887

UTM 17-NAD83(FT)  
N:14203738.28  
E:1806380.53

LAT/LON DATUM-NAD83  
LAT:39.111456  
LON:-80.414895

- NOTES:
- There are no water wells or developed springs within 250' of proposed well.
  - There are no existing buildings within 625' 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.

API WELL #:      47                      33                      05948

STATE      COUNTY      PERMIT

**MAY 21, 2020**

**THRASHER**

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



**AS DRILLED  
PLAT**

**1209 S-12H  
PAGE 3 OF 3**

	SURFACE OWNER	DIST-TM/PAR
1	DANNY LEE & ALICIA A. STICKEL	P/O 20-444/11.2
1A	HG ENERGY II APPALACHIA, LLC	P/O 20-444/11.2
2	HG ENERGY II APPALACHIA, LLC	20-444/11.3
3	AARON C. & CHRISTINA P. MEDINA	20-444/11
4	HG ENERGY II APPALACHIA, LLC	20-444/11.1
5	ROBERT J. BRIGHTBILL	12-444/14
6	WILLIAM BRUCE, JR. & CONNIE C. FERRELL	12-444/13
7	ERIC K. & SUSIE G. DECKER	12-444/21.1
8	ERIC K. & SUSIE G. DECKER	12-444/21.2
9	ERIC K. & SUSIE G. DECKER	12-444/21
10	ERIC K. & SUSIE G. DECKER	12-444/22
11	JOSEPH E. LAYMAN	12-445/16
12	JOSEPH E. LAYMAN	12-445/17
13	RICHARD WILLIAM, JR. & MICHELLE PITTMAN	12-445/18.1
14	WILLIAM & MARA WATSON	12-445/30.4
15	WILLIAM & MARA WATSON	12-445/30.3
16	*WILLIAM E. & MARA WATSON	12-445/30.1
17	CHARLES D. & JANET L. UTT	12-445/30.5
18	CHARLES D. & JANET L. UTT	12-445/30.2
19	DANNY K. & KATHERINE SNYDER	12-445/44
20	WILLIAM C. WHITE	12-465/2
21	WILLIAM C. WHITE	12-465/1
22	THOMAS E. & TERRI E. HAWKINS	4-8B/4
23	THOMAS E. & TERRIE HAWKINS	4-8B/5
24	C. D. COLE II	4-8C/29
25	C. D. COLE	4-8C/33.2
26	CHARLES D. COLE II	4-8C/34
27	CHARLES D. COLE II	4-10/23

AS DRILLED  
SURFACE HOLE LOCATION (SHL)  
UTM 17-NAD83(M)  
N:433365.446  
E:548190.815  
UTM 17-NAD83(FT)  
N:14217049.80  
E:1798522.70  
LAT/LON DATUM-NAD83  
LAT:39.148152  
LON:-80.442308

AS DRILLED  
APPROX. LANDING POINT  
UTM 17-NAD83(M)  
N:4333645.396  
E:548966.960  
UTM 17-NAD83(FT)  
N:14217968.27  
E:1801069.10  
LAT/LON DATUM-NAD83  
LAT:39.150631  
LON:-80.433306

AS DRILLED  
BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83(M)  
N:4329308.086  
E:550585.887  
UTM 17-NAD83(FT)  
N:14203738.28  
E:1806380.53  
LAT/LON DATUM-NAD83  
LAT:39.111456  
LON:-80.414895

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

API WELL #:    47            33            05948  
STATE    COUNTY    PERMIT



**MAY 21, 2020**