

BHL is located on topo map 14,620 feet south of Latitude: 39° 52' 30"  
 SHL is located on topo map 2,715 feet south of Latitude: 39° 52' 30"

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

**SEE PAGE 3 FOR LESSORS**



03/08/2019

|    | SURFACE OWNER                   | DIST-TM/PAR |
|----|---------------------------------|-------------|
| 1  | JOSEPH L. FREELAND ET UX        | 4-7/21      |
| 2  | NORMAN L. DERROW ET UX          | 4-7/32.1    |
| 3  | NORMAN L. DERROW ET UX          | 4-7/32      |
| 4  | EUGENE C. & ELIZABETH A. ESTEP  | 4-13/1      |
| 5  | EUGENE C. & ELIZABETH A. ESTEP  | 4-13/2      |
| 6  | SHAWN T. & KELLY J. DANAHEY     | 4-13/4      |
| 7  | *SHAWN T. DANAHEY ET UX         | 4-13/4.2    |
| 8  | LARRY & CATHERINE FOSTER        | 4-13/5.9    |
| 9  | LAKEN H. DRAKE                  | 4-13/5.8    |
| 10 | DONALD WAYT                     | 5-3/2       |
| 11 | RALPH & ELLA BEA CHAPLIN        | 5-3/2.1     |
| 12 | DONALD WAYT                     | 5-3/3       |
| 13 | RALPH A. & ELLA BEA CHAPLIN     | 5-3/32      |
| 14 | RICHARD & HEATHER L. ROBINSON   | 5-3/4.3     |
| 15 | AV LAUTTAMUS COMMUNICATIONS INC | 5-3/4.2     |
| 16 | MARSHALL COUNTY PUB SER DIST    | 5-3/4.1     |
| 17 | EDUCATIONAL MEDIA FOUNDATION    | 5-3/4.4     |
| 18 | TELESPECTRUM INC DBA 360        | 5-3/4.5     |
| 19 | RALPH & ELLA BEA CHAPLIN        | 5-3/4       |
| 20 | DENNIS LEE WARD ET UX           | 5-3/32.5    |
| 21 | DENNIS L. & TERRI JO WARD       | 5-3/32.7    |
| 22 | PAUL M. & BRENDA E. RINE        | 5-3/32.6    |
| 23 | DALLAS PAUL RINE                | 5-3/32.12   |
| 24 | RALPH A. & ELLA BEA CHAPLIN     | 5-3/32.1    |
| 25 | JEFFREY A. SZAFRAN              | 5-3/6       |
| 26 | THOMAS MONTI ET AL              | 5-3/9       |
| 27 | SIDNEY L. & FRED A. JONES       | 5-3/25      |
| 28 | RALPH ALLEN & ROBIN HOLMES      | 5-3/11      |
| 29 | RALPH ALLEN & ROBIN HOLMES      | 5-3/12      |
| 30 | RALPH A. & ROBIN R. HOLMES      | 5-3/24      |
| 31 | CNX LAND RESOURCES INC          | 5-3/23      |

BHL is located on topo map 9,353 feet west of Longitude: 80° 42' 30"  
 SHL is located on topo map 3,291 feet west of Longitude: 80° 45' 00"



| SURFACE HOLE LOCATION (SHL)                      |
|--|
| UTM 17-NAD83(M)<br>N:4413091.57<br>E:520427.94   |
| NAD83, WV NORTH<br>N:500615.656<br>E:1614521.989 |

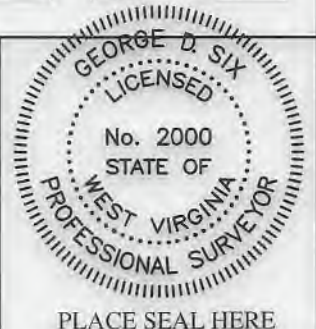
| APPROX. LANDING POINT                            |
|--|
| UTM 17-NAD83(M)<br>N:4412230.48<br>E:519918.92   |
| NAD83, WV NORTH<br>N:497817.922<br>E:1612804.401 |

| BOTTOM HOLE LOCATION (BHL)                       |
|--|
| UTM 17-NAD83(M)<br>N:4409461.05<br>E:522109.57   |
| NAD83, WV NORTH<br>N:488609.886<br>E:1619841.172 |

FILE #: FREELAND M04H  
 DRAWING #: FREELAND M04H  
 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

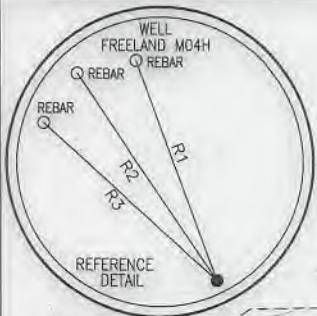


DATE: OCTOBER 12, 2018  
 OPERATOR'S WELL #: FREELAND M04H  
 API WELL #: 47 51 02146  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1274.00'  
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWHATAN POINT, WV 7.5'  
 SURFACE OWNER: JOSEPH L. FREELAND ET UX ACREAGE: 104.22±  
 OIL & GAS ROYALTY OWNER: JOSEPH FREELAND ET UX ACREAGE: 674.796±  
 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: 6,395'± TMD: 20,016.02'±  
 WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY  
 A.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



# FREELAND M04H PAGE 2 OF 3



03/08/2019



### 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

#### GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| R1   | N 21°12'19" W | 217.46'  |
| R2   | N 35°06'01" W | 233.31'  |
| R3   | N 48°40'19" W | 220.33'  |
| R4   | N 39°53'00" W | 1648.55' |
| R5   | S 21°14'13" E | 1810.80' |
| R6   | N 71°44'06" E | 1188.72' |

**SURFACE HOLE LOCATION (SHL)**  
**UTM 17-NAD83(M)**  
 N:4413091.57  
 E:520427.94  
 NAD83, WV NORTH  
 N:500615.656  
 E:1614521.989

**APPROX. LANDING POINT**  
**UTM 17-NAD83(M)**  
 N:4412230.48  
 E:519918.92  
 NAD83, WV NORTH  
 N:497817.922  
 E:1612804.401

**BOTTOM HOLE LOCATION (BHL)**  
**UTM 17-NAD83(M)**  
 N:4409461.05  
 E:522109.57  
 NAD83, WV NORTH  
 N:488609.886  
 E:1619841.172

- 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 12, 2018**

**Blue Mountain**  
 11023 MASON DIXON HIGHWAY  
 BURTON, WV 25562  
 PHONE: (304) 662-6486

**GEORGE D. SIX**  
 LICENSED  
 No. 2000  
 STATE OF  
 WEST VIRGINIA  
 PROFESSIONAL SURVEYOR

*George D. Six*



# FREELAND

## M04H

### PAGE 3 OF 3

03/08/2019

|    | LESSOR  | DIST-TM/PAR |
|----|---|-------------|
| A  | JOSEPH FREELAND ET UX                         | 4-7/21      |
| B  | NORMAN L. DERROW ET UX                        | 4-7/32.1    |
| C  | NORMAN L. DERROW ET UX                        | 4-7/32      |
| D  | EUGENE C. ESTEP ET UX                         | 4-13/1      |
| E  | EUGENE C. ESTEP ET UX                         | 4-13/2      |
| F  | SHAWN T. DANAHEY ET UX                        | 4-13/4      |
| G  | *SHAWN T. DANAHEY ET UX                       | 4-13/4.2    |
| H  | LARRY H. FOSTER ET UX                         | 4-13/5.9    |
| J  | STANLEY W. HUNT                               | 4-13/5.8    |
| K  | DONALD WAYT                                   | 5-3/2       |
| L  | JAMES R. CHAPLIN                              | 5-3/2.1     |
| M  | DONALD WAYT                                   | 5-3/3       |
| N  | JAMES R. CHAPLIN                              | 5-3/4       |
| P  | DENNIS L. WARD ET UX                          | 5-3/32.5    |
| Q  | DENNIS L. WARD ET UX                          | 5-3/32.7    |
| R  | PAUL M. RINE ET UX                            | 5-3/32.6    |
| S  | AMP FUND II GP LLC                            | 5-3/32.12   |
| T  | AMP FUND II GP LLC                            | 5-3/32.1    |
| U  | CHARLOTTE S. SZAFRAN                          | 5-3/6       |
|    | JEFFREY A. SZAFRAN                            |             |
|    | JEFFREY D. ROBINSON UX                        |             |
|    | RANDY D. ROBINSON                             |             |
|    | MARK A. ROBINSON                              |             |
|    | BRIAN FURBEE                                  |             |
|    | GREGORY D. FURBEE                             |             |
|    | MARSHA A. SINGER                              |             |
|    | EDMOND J. FURBEE                              |             |
|    | CHRISTOPHER G. FURBEE                         |             |
|    | MATTHEW R. FURBEE                             |             |
|    | MAUREEN C. COOPER                             |             |
|    | REXENA A. CUNNINGHAM                          |             |
|    | RICHARD CECIL ET UX                           |             |
|    | SHERRY L. MORRIS                              |             |
|    | WILLIAM R. POLEN                              |             |
|    | DEBBIE MAE MOORE                              |             |
|    | ETHEL E. STARKEY AKA ETHEL ELAINE STARKEY     |             |
|    | CALLENE M. PETERSON FKA CALLENE M. STARKEY    |             |
|    | REBECCA JEAN BROWN                            |             |
|    | PAULA J. ROHRER                               |             |
|    | MARLA K. STRUHAR                              |             |
|    | SARAH SISLEY FKA SARAH SALSBERY ET VIR        |             |
|    | CARALOTTA J. GIBSON FKA CARALOTTA SALSBERY    |             |
|    | JOHN M. SALSBERY BY JASON L. JACKSON GUARDIAN |             |
|    | DELLA J. COVERDALE ET UX                      |             |
|    | TRACY M. SALSBERY AKA TRACY SALSBERY          |             |
|    | GINGER L. SALSBERY AKA GINGER SALSBERY        |             |
|    | DALE A. SALSBERY AKA DALE ADORIN SALSBERY     |             |
|    | JODIE R. MORRIS FKA JODIE SALSBERY            |             |
|    | BARBARA L. MCGAHA                             |             |
|    | ELAINE M. KEENER                              |             |
|    | SHERRY KAY RISHER                             |             |
|    | SANDRA LEE KNAPSKI                            |             |
|    | BRENT LEE STARKEY                             |             |
|    | FORREST STARKEY ET UX                         |             |
|    | ANITA STANLEY FKA ANITA STARKEY               |             |
|    | LINDA D. MAYO ET VIR                          |             |
|    | CAROL JEAN MALILKA ALBERT                     |             |
|    | SHARON L. SCHATIGER                           |             |
|    | JANET SHADDICK                                |             |
|    | DUANE M. STARKEY ET UX                        |             |
|    | REGINA KAY ST GEORGE ET VIR                   |             |
|    | BETTY LOU STARKEY                             |             |
|    | PATTIE S. MADRID FKA PATTIE S. SPEAR          |             |
| V  | STEPHEN M. THOMAS ET UX                       | 5-3/9       |
|    | R. STEPHEN THOMAS ET UX                       |             |
|    | JOHN RESSEGER                                 |             |
|    | LAURA VIRGINIA RESSEGER                       |             |
|    | WILLIAM ELMER RESSEGER                        |             |
| W  | SIDNEY L. JONES                               | 5-3/25      |
| X  | RALPH ALLEN HOLMES                            | 5-3/11      |
| Y  | RALPH ALLEN HOLMES                            | 5-3/12      |
| Z  | MASTER MINERAL HOLDINGS I LP - TOP LSE        | 5-3/24      |
| AA | LARRY E. HILL                                 | 5-3/23      |

| SURFACE HOLE LOCATION (SHL)                      | APPROX. LANDING POINT                            | BOTTOM HOLE LOCATION (BHL)                       |
|--|--|--|
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\* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

**OCTOBER 12, 2018**