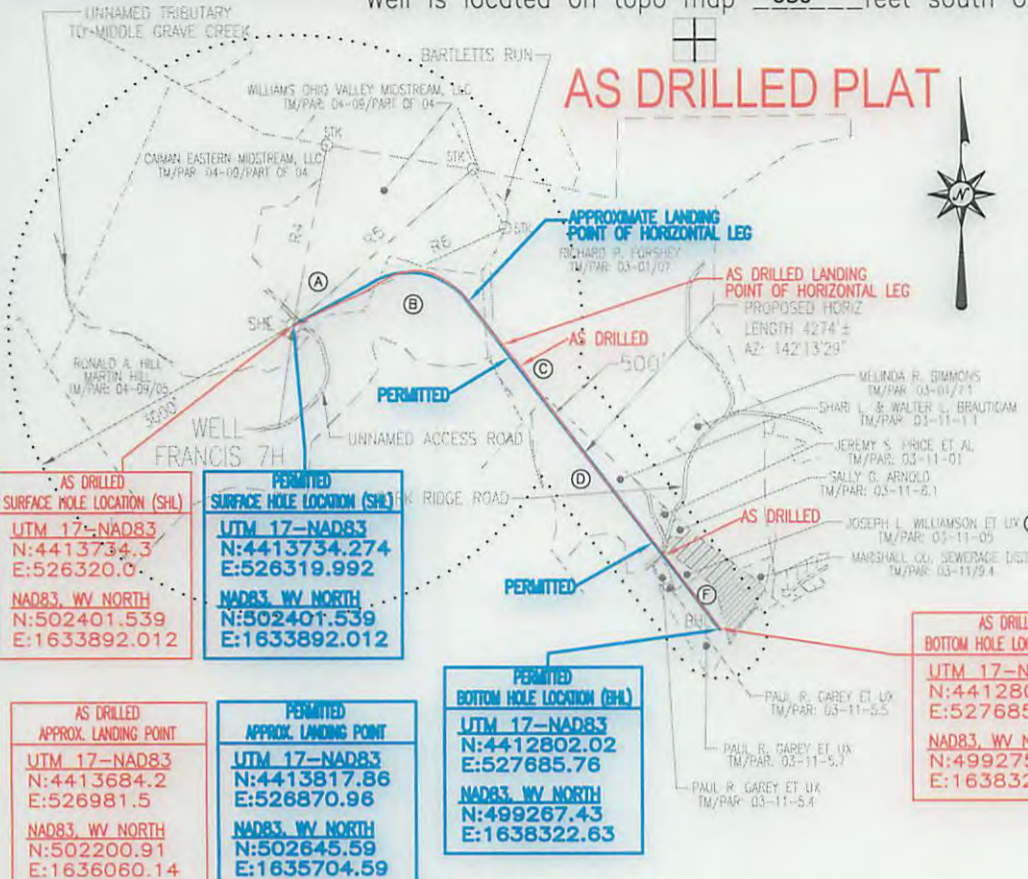


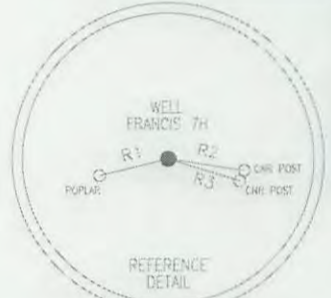
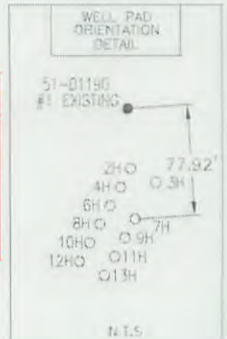
Well is located on topo map 639 feet south of Latitude: 39° 52' 30"

Well is located on topo map 7.174 feet west of Longitude: 80° 40' 00"

# AS DRILLED PLAT



LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED
	- LEASE LETTER
	- MINERAL TRACT BOUNDARY
	- PARCEL LINES
	- WELL REFERENCE
	- PROPOSED HORIZONTAL WELL
	- ROAD
	- STREAM CENTER LINE
	- AS DRILLED
EXISTING WELLS	
	- EXISTING WELLS
	- PLUGGED WELLS



LINE	BEARING	DISTANCE
R1	S 76°03'55" W	145.86'
R2	S 80°59'58" E	157.96'
R3	S 72°20'52" E	153.89'
R4	N 10°52'11" E	1909.86'
R5	N 48°05'11" E	2477.16'
R6	N 65°24'00" E	2418.29'

<p><b>AS DRILLED SURFACE HOLE LOCATION (SHL)</b></p> <p>UTM 17-NAD83 N:4413734.3 E:526320.0</p> <p>NAD83_WV NORTH N:502401.539 E:1633892.012</p>	<p><b>PERMITTED SURFACE HOLE LOCATION (SHL)</b></p> <p>UTM 17-NAD83 N:4413734.274 E:526319.992</p> <p>NAD83_WV NORTH N:502401.539 E:1633892.012</p>
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<p><b>AS DRILLED APPROX. LANDING POINT</b></p> <p>UTM 17-NAD83 N:4413684.2 E:526981.5</p> <p>NAD83_WV NORTH N:502200.91 E:1636060.14</p>	<p><b>PERMITTED APPROX. LANDING POINT</b></p> <p>UTM 17-NAD83 N:4413817.86 E:526870.96</p> <p>NAD83_WV NORTH N:502645.59 E:1635704.59</p>
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<p><b>PERMITTED BOTTOM HOLE LOCATION (BHL)</b></p> <p>UTM 17-NAD83 N:4412802.02 E:527685.76</p> <p>NAD83_WV NORTH N:499267.43 E:1638322.63</p>
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<p><b>AS DRILLED BOTTOM HOLE LOCATION (BHL)</b></p> <p>UTM 17-NAD83 N:4412804.6 E:527685.4</p> <p>NAD83_WV NORTH N:499275.99 E:1638321.61</p>
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PARCEL	LESSOR
A	BARBARA P. FRANCIS
B	RONALD A. HILL & MARTIN DEAN HILL
C	RICHARD P. FORSHEY
D	DAVID A. & SHARI WHEZZEL
E	JOSEPH L. & ALICE B. WILLIAMSON
F	PAUL R. & MARY EVELYN CAREY

- 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.

**Blue Mountain Inc.**  
10125 MASON DIXON HIGHWAY  
BURTON, WV 26562  
PHONE: (304) 662-6486

FILE #: FRANCIS 7H-AS DRILLED  
DRAWING #: FRANCIS 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

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304



DATE: JUNE 23, 2015  
OPERATOR'S WELL #: FRANCIS 7H-AS DRILLED  
API WELL #: 47 51 **01714**  
STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK ELEVATION: 1260.39'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: WILLIAMS OHIO VALLEY MIDSTREAM, LLC ACREAGE: 70.41±

OIL & GAS ROYALTY OWNER: BARBARA P. FRANCIS ACREAGE: 446.589±

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: 6,512'± TMD: 11,910'±

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

08/21/2015