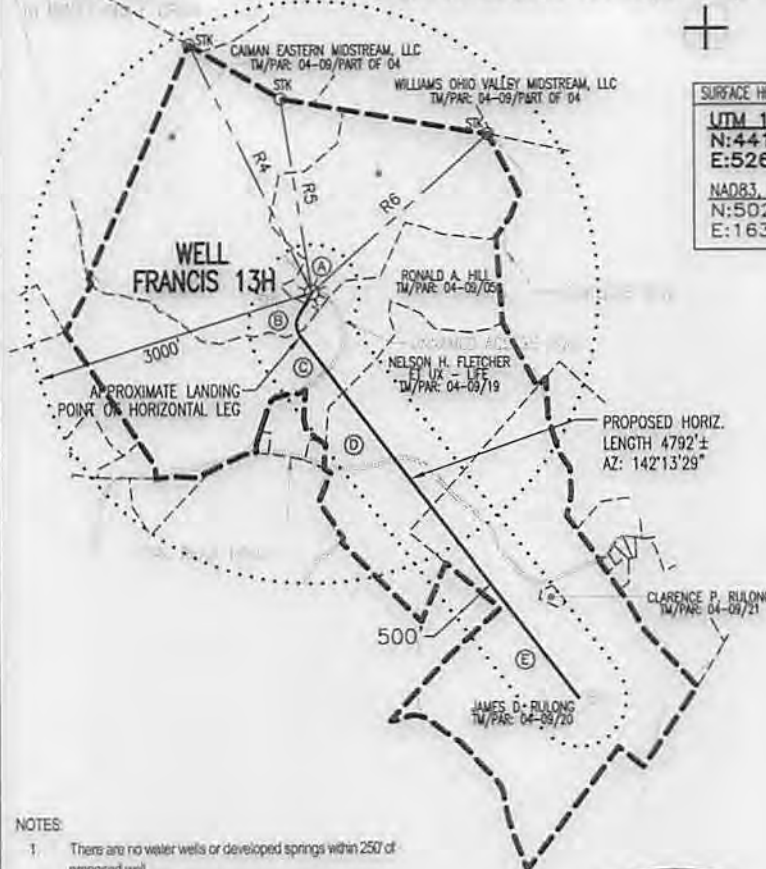


Well is located on topo map 678 feet south of Latitude: 39° 52' 30"

Well is located on topo map 7,195 feet west of Longitude: 80° 40' 00"



SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4413722.148 E:526313.552	UTM 17-NAD83 N:4413582.08 E:526278.87	UTM 17-NAD83 N:4412458.29 E:527180.26
NAD83, WV NORTH N:502362.102 E:1633870.213	NAD83, WV NORTH N:501904.38 E:1633748.72	NAD83, WV NORTH N:498167.21 E:1636644.98

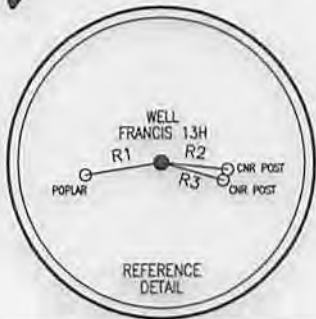


PARCEL	LESSOR
A	BARBARA P. FRANCIS
B	BARBARA P. FRANCIS
C	RONALD A. HILL & MARTIN DEAN HILL
D	H. NELSON & MAURINE E. FLETCHER ET AL
E	CLARENCE RULONG

LEGEND	
+	- TOPO MAP POINT
☀	- WELL
○	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
⊙	- WATER SOURCE
---	- MINERAL TRACT BOUNDARY
---	- PARCEL LINES
---	- WELL REFERENCE
---	- PROPOSED HORIZONTAL WELL
---	- ROAD
---	- STREAM CENTER LINE
<b>WELLS WITHIN 3000'</b>	
●	- EXISTING WELLS
⊙	- PLUGGED WELLS

**NOTES:**

1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. 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.



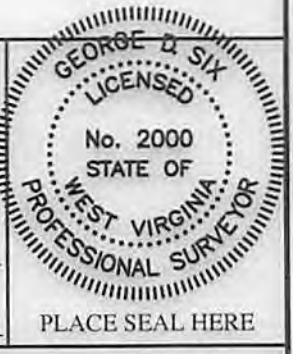
LINE	BEARING	DISTANCE
R1	S 80°54'10" W	181.11'
R2	S 83°47'39" E	139.31'
R3	S 74°00'20" E	134.32'
R4	N 26°31'52" W	2861.90'
R5	N 09°05'05" W	2024.99'
R6	N 48°39'07" E	2470.39'

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

FILE #: FRANCIS 13H  
DRAWING #: FRANCIS 13H  
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. 2000



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

DATE: APRIL 9, 2014  
OPERATOR'S WELL #: FRANCIS 13H  
API WELL #: 47 51 MOD 01720 H6A  
STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK ELEVATION: 1260.40'  
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: 535.852±

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: 11,764±  
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

04/11/2014




*MBK*  
*10/2/2013*

*Ju*  
*10/2/13*

SITE USGS LOCATION MAP

SCALE: 1" = 500'

RECEIVED  
Office of Oil and



NORTH

USGS SITE  
LOCATION MAP  
Project Name: FRANCIS WELL  
Drawing Name: 10/2/2013  
Date Issued: 10/2/2013  
Scale: 1:500  
Drawn by: MBK  
Checked by: Ju  
Visual Inspection: MBK  
EX-1

**FRANCIS WELL SITE**  
FORK RIDGE ROAD, MARSHALL COUNTY  
MOUNDSVILLE, WEST VIRGINIA  
PREPARED FOR:  
**CHEVRON APPALACHIA, LLC**  
300 MOUNTAIN VIEW DRIVE  
SMITHFIELD, PA 15475

Date	No.	REVISION RECORD
-	01	-
-	02	-
-	03	-
-	04	-
-	05	-
-	06	-
-	07	-
-	08	-
-	09	-

2013  
**GATEWAY**  
Consulting Engineering & Environmental  
400 Park Plaza, Suite 500 Pittsburgh, PA 15222  
Phone: 412.221-4000 • Fax: 412.221-4001  
• 800.368.7469  
www.gatewayinc.com