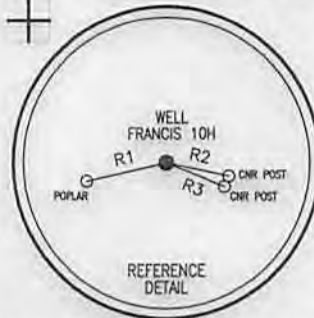


Well is located on topo map 656 feet south of Latitude: 39° 52' 30"

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83 N:4413729.029 E:526310.301 NAD83, WV NORTH N:502384.857 E:1633859.924

APPROX. LANDING POINT
UTM 17-NAD83 N:4413602.06 E:525981.18 NAD83, WV NORTH N:501986.28 E:1632772.96

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4415143.39 E:524744.89 NAD83, WV NORTH N:507111.95 E:1628800.62



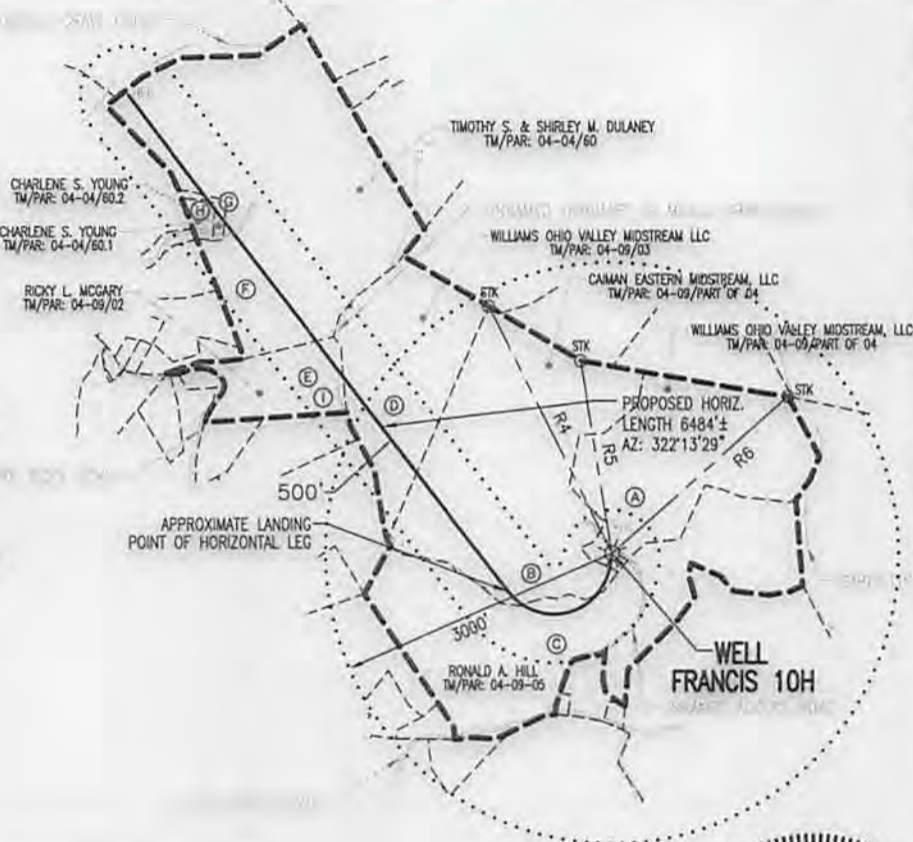
LEGEND	
+	TOPO MAP POINT
☼	WELL
○	ALL ARE POINTS UNLESS OTHERWISE NOTED.
⊙	WATER SOURCE
---	MINERAL TRACT BOUNDARY
- - -	PARCEL LINES
- · - · -	WELL REFERENCE
—	PROPOSED HORIZONTAL WELL
—	ROAD
—	STREAM CENTER LINE
WELLS WITHIN 3000'	
●	EXISTING WELLS
⊙	PLUGGED WELLS



LINE	BEARING	DISTANCE
R1	S 76°55'51" W	170.74'
R2	S 77°52'33" E	134.25'
R3	S 67°38'08" E	131.80'
R4	N 26°46'42" W	2853.44'
R5	N 09°20'48" W	2013.22'
R6	N 48°46'12" E	2456.31'

PARCEL	LESSOR
A	BARBARA P. FRANCIS
B	BARBARA P. FRANCIS
C	RONALD A. HILL & MARTIN DEAN HILL
D	BARBARA P. FRANCIS
E	RICKY LEE & LISA MCGARY
F	TIMOTHY S. & SHIRLEY M. DULANEY
G	CHARLES V. WHITELATCH
H	CHARLES V. WHITELATCH
I	ROGER & JUDITH MCGARY

- 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.



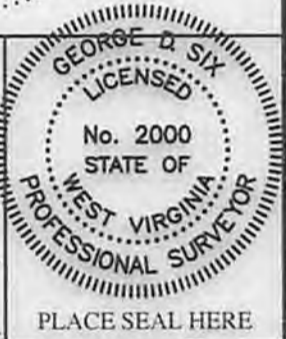
**Blue Mountain Inc.**  
11023 MASON DIXON HIGHWAY  
BURTON, WV 26562  
PHONE: (304) 662-6486

Well is located on topo map 7,205 feet west of Longitude: 80° 40' 00"

FILE #: FRANCIS 10H  
DRAWING #: FRANCIS 10H  
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 9, 2014  
OPERATOR'S WELL #: FRANCIS 10H  
API WELL #: 47 51  
STATE COUNTY PERMIT

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

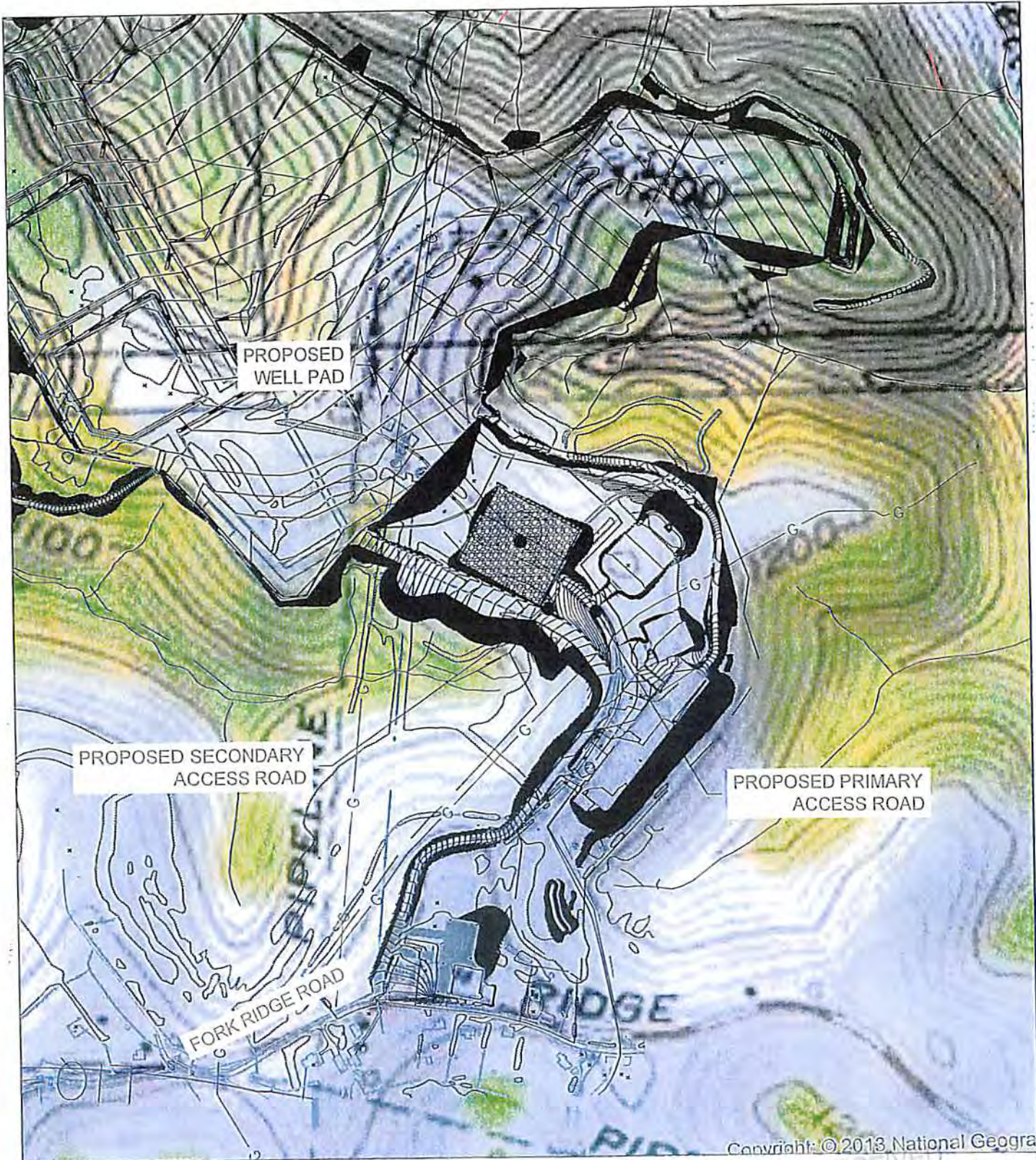
WATERSHED: MIDDLE GRAVE CREEK ELEVATION: 1260.65'  
COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'  
SURFACE OWNER: WILLIAMS OHIO VALLEY MIDSTREAM, LLC ACREAGE: 70.41±  
OIL & GAS ROYALTY OWNER: BARBARA P. FRANCIS ACREAGE: 507.994±

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: 13,861±  
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

SI-01717



MSJK  
10/2/2013

SITE USGS LOCATION MAP

SCALE: 1" = 500'

RECEIVED  
Office of Oil and  
10/2/13  
OCT 28 2013



USGS SITE LOCATION MAP  
 Project Name: CHEVON  
 Drawing No.: 10/2/2013  
 Date: 10/2/2013  
 Scale: 1" = 500'  
 Author: MSJK  
 Checker: MSJK  
 Title: 10/2/2013

**FRANCIS WELL SITE**  
 FORK RIDGE ROAD, MARSHALL COUNTY  
 MOUNDSVILLE, WEST VIRGINIA

PREPARED FOR:  
**CHEVRON APPALACHIA, LLC**  
 800 MOUNTAIN VIEW DRIVE  
 SMITHFIELD, PA 15473

Date	Rev	REVISION RECORD
-	01	-
-	02	-
-	03	-
-	04	-
-	05	-
-	06	-
-	07	-
-	08	-

**GATEWAY**  
 Consulting Engineers & Surveyors  
 300 Holiday Drive, Suite 300 Pittsburgh, PA 15220  
 Phone (412) 921-0010 • Fax (412) 921-9980  
 • Site: PA (724) 287-1013 • Washington, PA (724) 329-2102