

Well is located on topo map 616 feet south of Latitude: 39° 52' 30"

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4413741.162 E:526316.742	UTM 17-NAD83 N:4414092.72 E:526505.54	UTM 17-NAD83 N:4414906.48 E:525852.83
NAD83, WV NORTH N:502424.319 E:1633881.724	NAD83, WV NORTH N:503567.61 E:1634520.55	NAD83, WV NORTH N:506273.76 E:1632423.31

- 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.

**LEGEND**

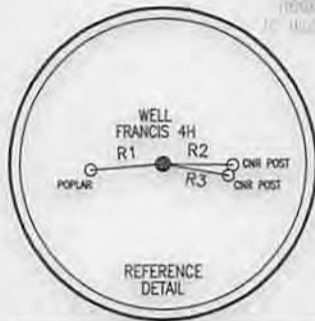
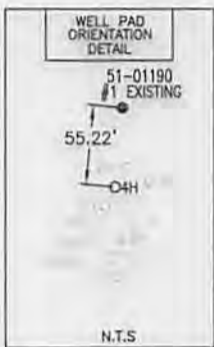
- ⊕ - TOPO MAP POINT
- ☼ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- ⊙ - WATER SOURCE
- - MINERAL TRACT BOUNDARY
- - PARCEL LINES
- - WELL REFERENCE
- - PROPOSED HORIZONTAL WELL
- - ROAD
- - STREAM CENTER LINE

**WELLS WITHIN 3000'**

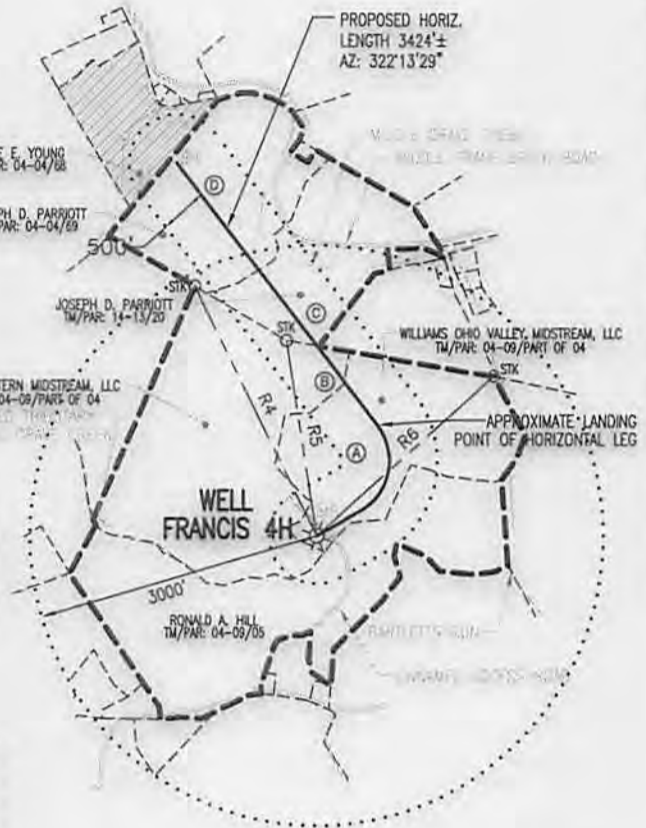
- - EXISTING WELLS
- ⊙ - PLUGGED WELLS



PARCEL	LESSOR
A	BARBARA P. FRANCIS
B	BARBARA P. FRANCIS
C	JOSEPH D. & NELLIE B. PARRIOTT
D	JOSEPH D. & NELLIE B. PARRIOTT



LINE	BEARING	DISTANCE
R1	S 85°21'21" W	152.34'
R2	S 89°14'41" E	145.75'
R3	S 80°04'10" E	138.44'
R4	N 26°17'10" W	2870.47'
R5	N 08°49'38" W	2036.84'
R6	N 48°32'02" E	2484.45'



Well is located on topo map 7,184 feet west of Longitude: 80° 40' 00"

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

FILE #: FRANCIS 4H  
DRAWING #: FRANCIS 4H  
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



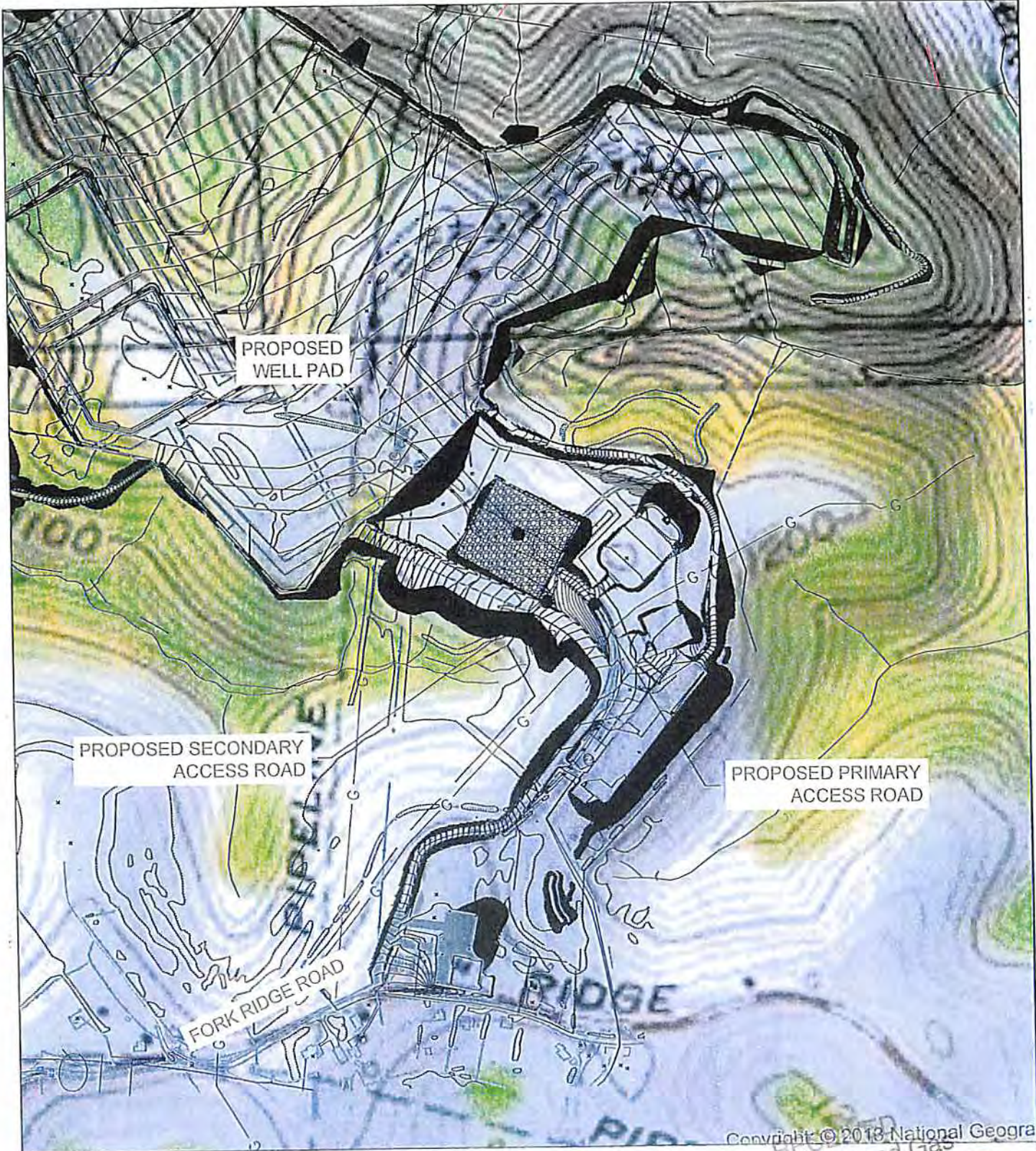
DATE: APRIL 9, 2014  
OPERATOR'S WELL #: FRANCIS 4H  
API WELL #: 47 51 **M&D 01712 H6A**  
STATE COUNTY PERMIT

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

WATERSHED: MIDDLE GRAVE CREEK ELEVATION: 1260.14'  
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: 398.065±

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: 10,744'±  
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



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*MSK  
10/2/2013*

*JH  
10/2/13*

SITE USGS LOCATION MAP  
SCALE: 1" = 500'

**RESERVED**  
Office of Oil and Gas  
OCT 28 2013



**WV Department of Environmental Protection**

**GATEWAY**

Consulting Engineers & Surveyors  
400 Holiday Drive, Suite 300 Pittsburgh, PA 15220  
Phone (412) 821-4510 • Fax (412) 821-8550  
• Belling PA (204) 357-1035 • Washington PA (316) 226-9342

USGS SITE  
LOCATION MAP

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

PREPARED FOR:  
**CHEVRON APPALACHIA, LLC**  
300 MOUNTAIN VIEW DRIVE  
SMITHFIELD, PA 15478

DATE	BY	REVISION RECORD
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