47-043-00026P

WW-7
8-30-06

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-043-00026 WELL NO.: 804200

FARM NAME: A.I Dotson

RESPONSIBLE PARTY NAME: Core Appalachia Operating, LLC

COUNTY: Lincoln DISTRICT: Jefferson

QUADRANGLE: Griffithsville

SURFACE OWNER: Michael Andrew Hale

ROYALTY OWNER: Michael Andrew Hale

UTM GPS NORTHING: 4221655.95m

UTM GPS EASTING: 412585.18m GPS ELEVATION: 278.58m [913.97']

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential _____

Real-Time Differential _____

Mapping Grade GPS X: Post Processed Differential _____

Real-Time Differential X

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JUL 15 2019
WV Department of Environmental Protection

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Signature EHS Specialist Title 7/15/19 Date

input coordinates

enter comma delimited coordinates. examples:
38 15 30.1, -81 25 15.2 (lat, lon as degrees minutes seconds)
38.123456, -81.123456 (lat, lon as decimal degrees)
500000, 4100000 (UTM as easting, northing)
1987654.32, 364123.45 (WV state plane as easting, northing)

38 08 18.38, -81 59 51.57

Lat/Lon NAD27

Convert zoom to point

output coordinates

412585.18,4221655.95

UTM NAD83 Zone 17N

Google Maps

history (for copy/paste/edit)

2,38.0621139,-82.3039194,LL NAD27,385625.43,4213519.36,UTM17N NAD83(1986)

3,37.8925611,-82.3373083,LL NAD27,382426.06,4194747.97,UTM17N NAD83(1986)
4,37.8442917,-82.1547750,LL NAD27,398410.89,4189178.28,UTM17N NAD83(1986)
5,38.1507778,-82.2496972,LL NAD27,390514.80,4223292.00,UTM17N NAD83(1986)
6,38.1324222,-82.0779139,LL NAD27,405543.85,4221066.85,UTM17N NAD83(1986)
7,38.1315917,-82.3788472,LL

notes about datum conversions

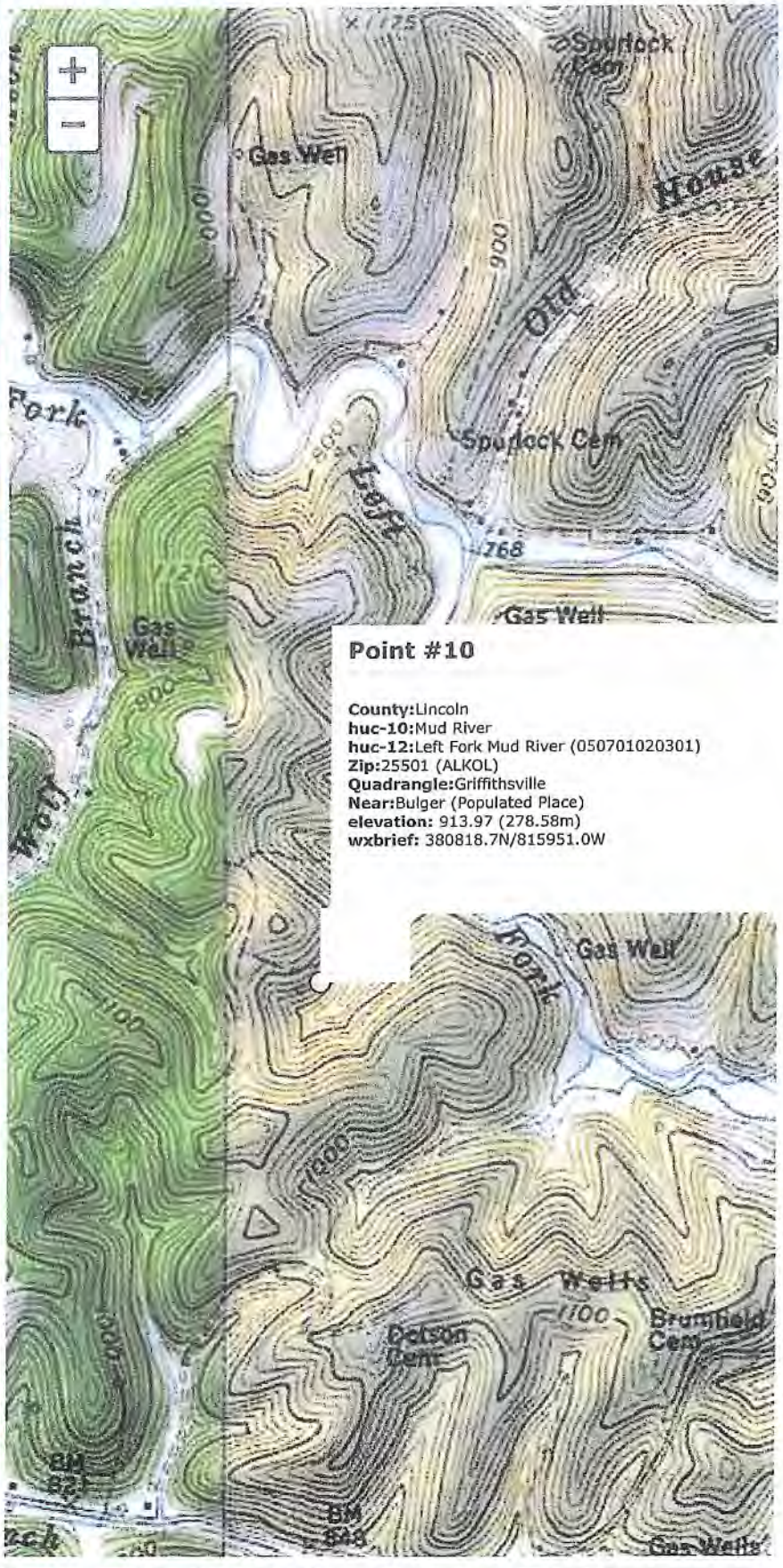
the original realization of WGS84 typically is on the order of 1 meter. This conversion uses the Esri transformation NAD_1927_To_WGS_1984_79_CONUS.

3. Conversions between NAD83 and WGS84. This converts between NAD83(2011) and WGS84(G1674), which is equivalent to ITRF08.

This conversion uses the Esri transformation WGS_1984_(ITRF08)_To_NAD_1983_2011.

4. Conversions that use the same datum. These

804200



Point #10

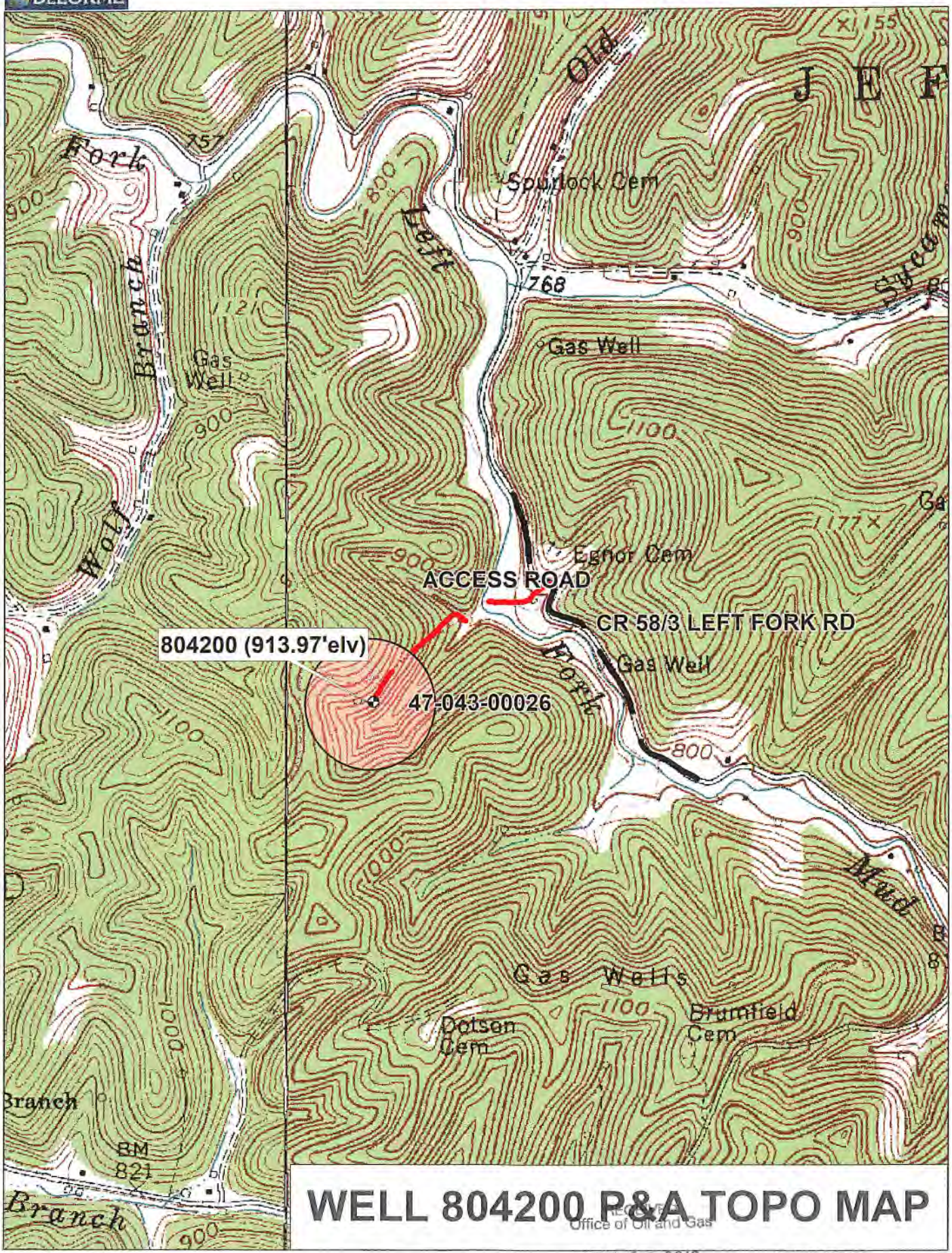
County: Lincoln
huc-10: Mud River
huc-12: Left Fork Mud River (050701020301)
Zip:25501 (ALKOL)
Quadrangle: Griffithsville
Near: Bulger (Populated Place)
elevation: 913.97 (278.58m)
wxbrief: 380818.7N/815951.0W

clear markers street map image topo

47-043-00026 P

DeLORME

XMap® 8



WELL 804200 P&A TOPO MAP

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TN

MN (7.7°W)

Scale 1 : 12,000

1" = 227.0 ft

Data Zoom 14-1

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MAY 16 2019

WV Department of Environmental Protection