

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-033-04282N WELL NO.: #6

FARM NAME: Oak Mound

RESPONSIBLE PARTY NAME: Arsenal Resources

COUNTY: Harrison DISTRICT: Clark

QUADRANGLE: Wolf Summit 7.5

SURFACE OWNER: Laura Goff Davis

ROYALTY OWNER: Laura Goff Davis & "M" Trust of Diana Goff Cather

UTM GPS NORTHING: 553696.31

UTM GPS EASTING: 4345667.60 GPS ELEVATION: 1140

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 : Post Processed Differential _____

Real-Time Differential _____

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

Designated Agent, Sr. Director of Production

Title

11/10/17
Date

RECEIVED
Office of Oil and Gas
NOV 09 2017
WV Department of
Environmental Protection

input coordinates

enter comma delimited coordinates examples
38 15 30 1 - 81 25 15 2 (lat lon as degrees minutes seconds)
38.125456 - 81.123456 (lat lon as decimal degrees)
506500 4100000 (UTM as easting northing)
15078542E 3941234E (WV state plane as easting northing)
553096 31 4345607 60

UTM NAD83 Zone 17N

Convert zoom to point

output coordinates

39 258589 -80 377808

Lat/Lon NAD27

Google Maps

history (for copy/paste edit)

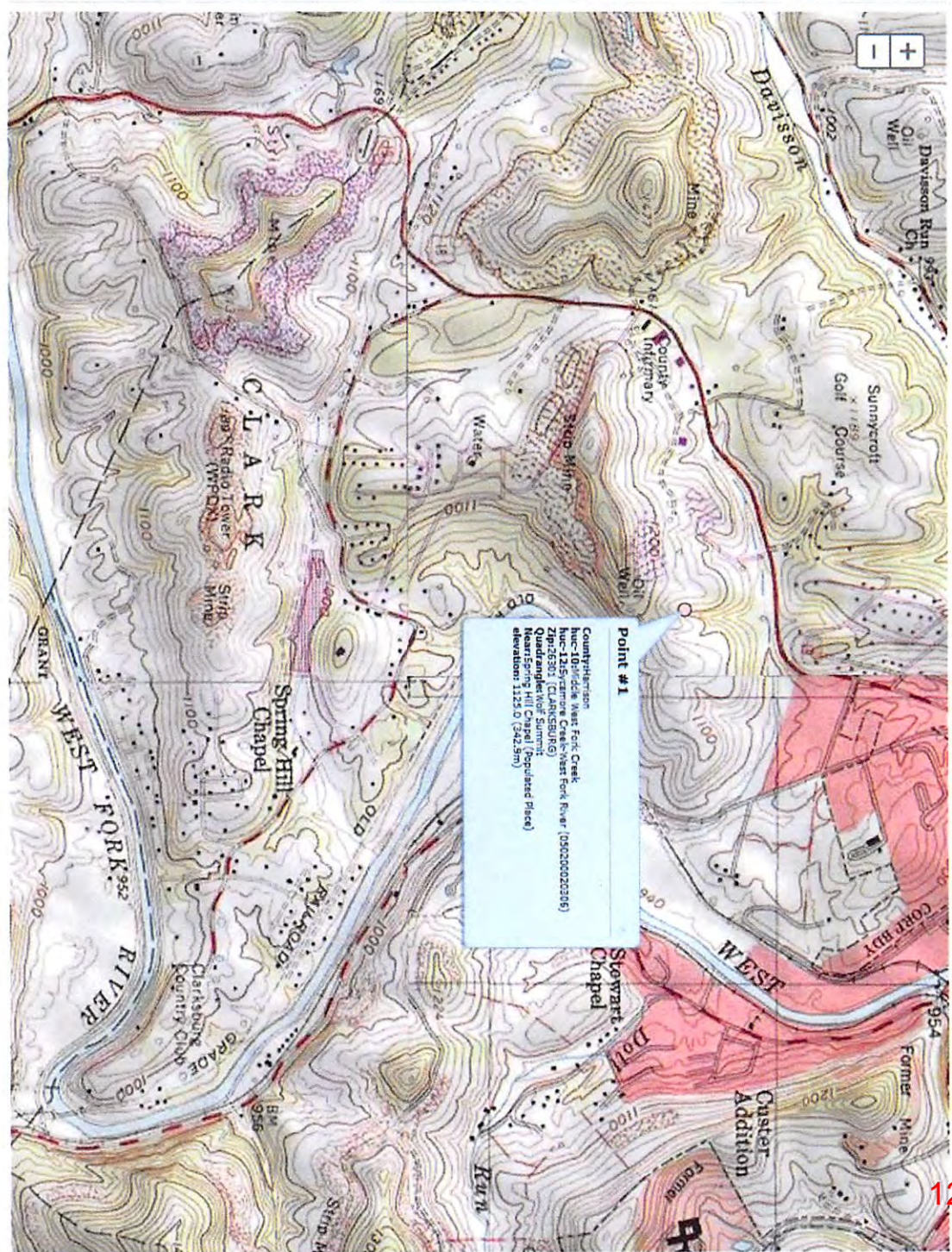
1 552996 3 4242937 6 UTM NAD83 1983 39 258589 -80 377808 LL NAD27

notes about datum conversions

Datum conversions between all realizations of NAD27, NAD83, and NAD83 are not practical, or sometimes not strictly possible. Many of the issues are associated with the inability to convert between the original realization of NAD83 and more recent realizations. While error could be reduced by introducing an intermediate HARN realization, separate transformations would have to be implemented for each one, which significantly increases the complexity of the application. Therefore datum conversions include a few built-in assumptions:

1. Conversion between NAD27 and NAD83: This conversion is based on the NAD27 and NAD83(1986) using the NADCON transformation. Never realization of NAD83, such as NAD83(CORS96) and NAD83(2011) can differ from NAD83(1986) by a meter or so. This conversion uses the East transformation NAD_1983_To_NAD_1983_NADCON.

[Link to previous version](#)



Oak Mount #6 47-03-04282