



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

API: 11-7-39-5447 WELL NO.: AL-114  
FARM NAME: Appalachian Land Co.  
RESPONSIBLE PARTY NAME: James W. Reed Jr  
COUNTY: Kanawha DISTRICT: F11K  
QUADRANGLE: Mammoth  
SURFACE OWNER: Appalachian Land Co.  
ROYALTY OWNER: Pine Mountain Oil & Gas  
UTM GPS NORTHING: 4244160  
UTM GPS EASTING: 473659 GPS ELEVATION: 1442

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.

Steve D. Krantz Contractor  
Signature Title

Received  
6-10-14  
Date  
JUL 17 2014



3905447  
473659E, 4244160N, UTM17  
NAD83

Office of Oil and Gas  
Environmental Protection  
11/1/2014  
Received