



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

API: 47-39-5449 WELL NO.: 17L-117

FARM NAME: Appalachian Land Co.

RESPONSIBLE PARTY NAME: James W. Reed Jr.

COUNTY: Kanawha DISTRICT: ELK

QUADRANGLE: Mammoth

SURFACE OWNER: Appalachian Land Co.

ROYALTY OWNER: Pine Mountain Oil & Gas

UTM GPS NORTHING: 4245829

UTM GPS EASTING: 475567.4 GPS ELEVATION: 904

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.

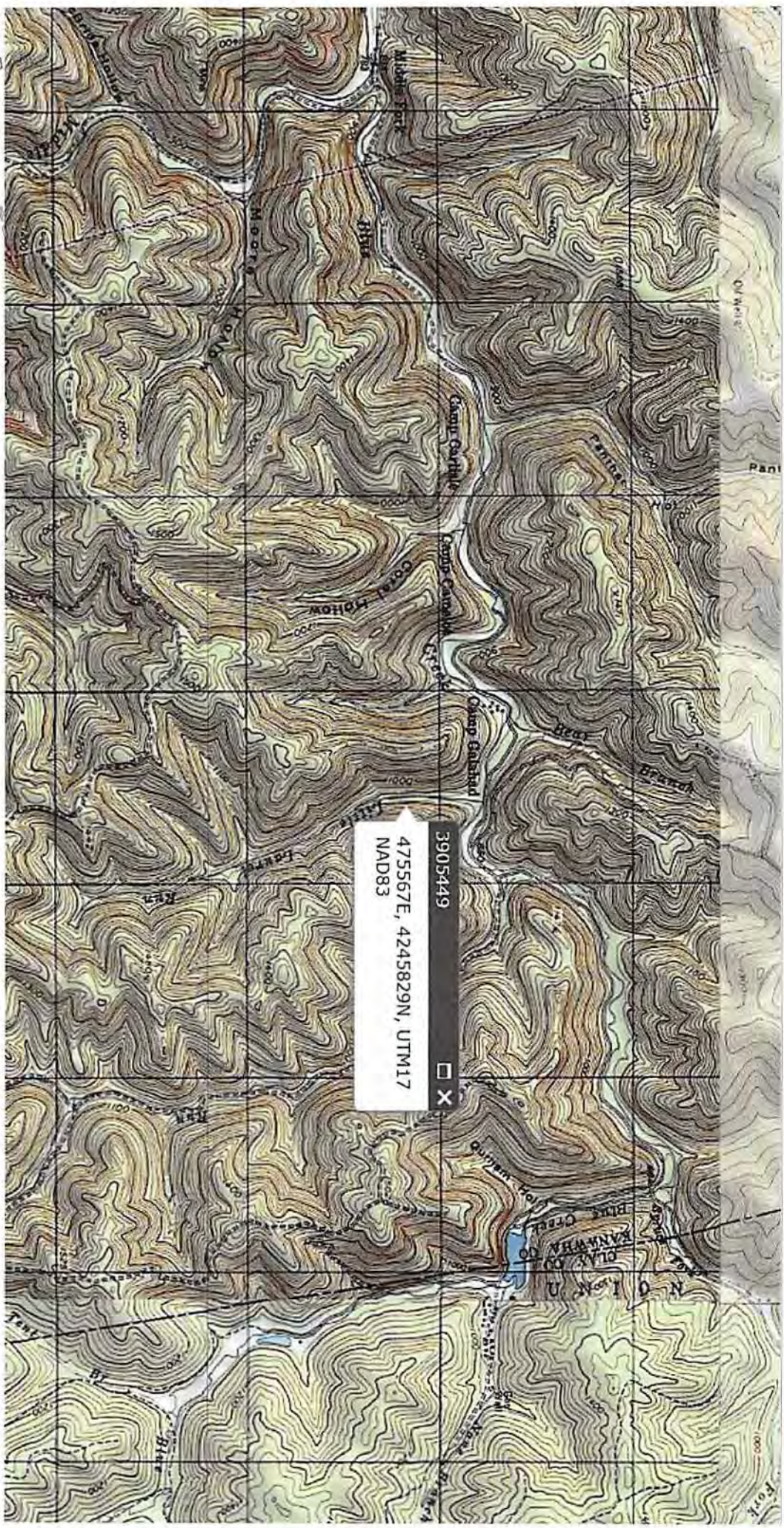
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Steve Duckworth Contractor
Signature Title

6-10-14
Date
Office of Oil and Gas
WV Dept. of Environmental Protection

Received
JUL 11 2014

Office of Oil and Gas
Dept. of Environmental Protection
JUL 11 2014
received



3905449
475567E, 4245829N, UTM17
NAD83

