



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-085-09491 WELL NO.: 3
FARM NAME: Harry Shaffer
RESPONSIBLE PARTY NAME: J F Deem Oil & Gas Co
COUNTY: Ritchie DISTRICT: Clay
QUADRANGLE: Pennsboro
SURFACE OWNER: Harry Shaffer
ROYALTY OWNER: Harry Shaffer
UTM GPS NORTHING: 4346515.633
UTM GPS EASTING: 500914.435 GPS ELEVATION: 242m

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

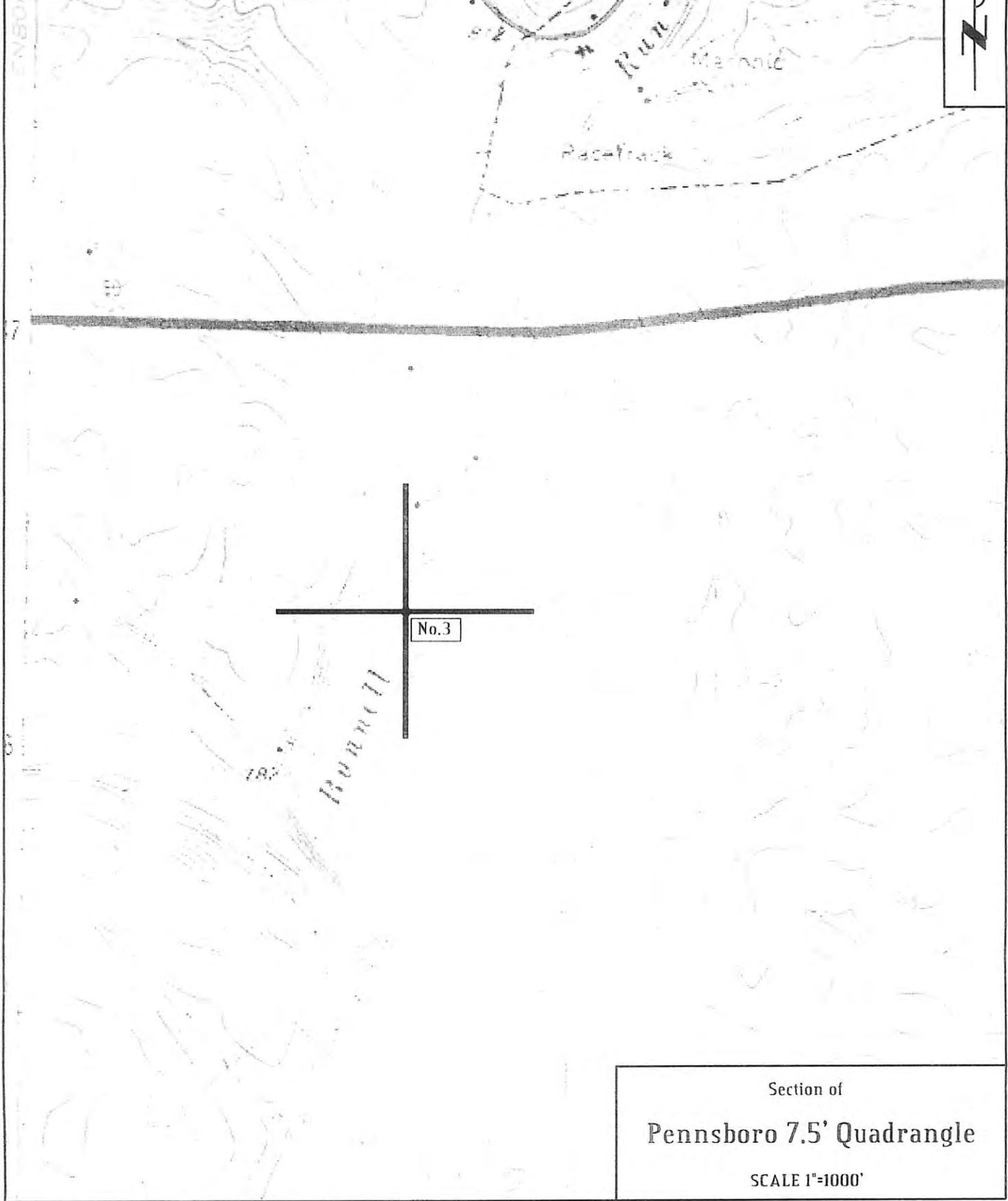
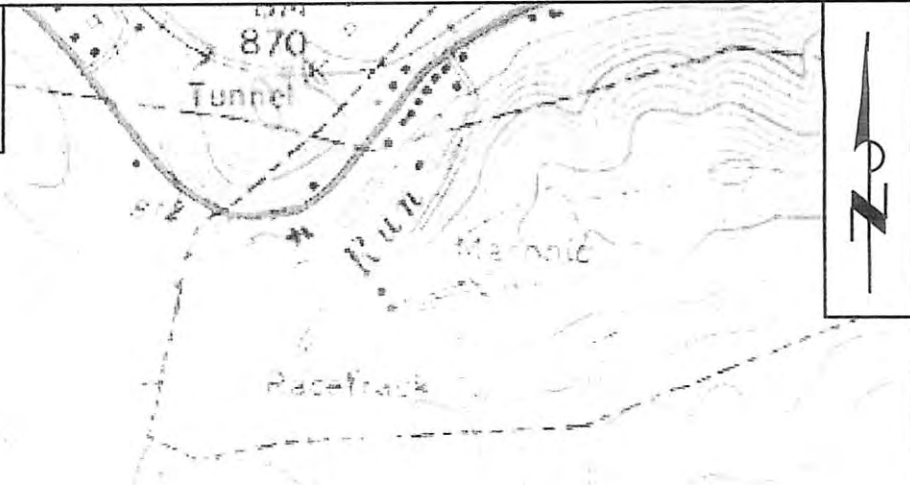
Real-Time Differential

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.

J F Deem Owner/Operator Jan. 9, 2013
Signature Title Date

Harry Shaffer #3
47-085-9491



Section of
Pennsboro 7.5' Quadrangle
SCALE 1"=1000'