



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

API: 47-085-03662 WELL NO.: 1

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: 4346929.306

UTM GPS EASTING: 500813.975 GPS ELEVATION: 900 (274m)

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.

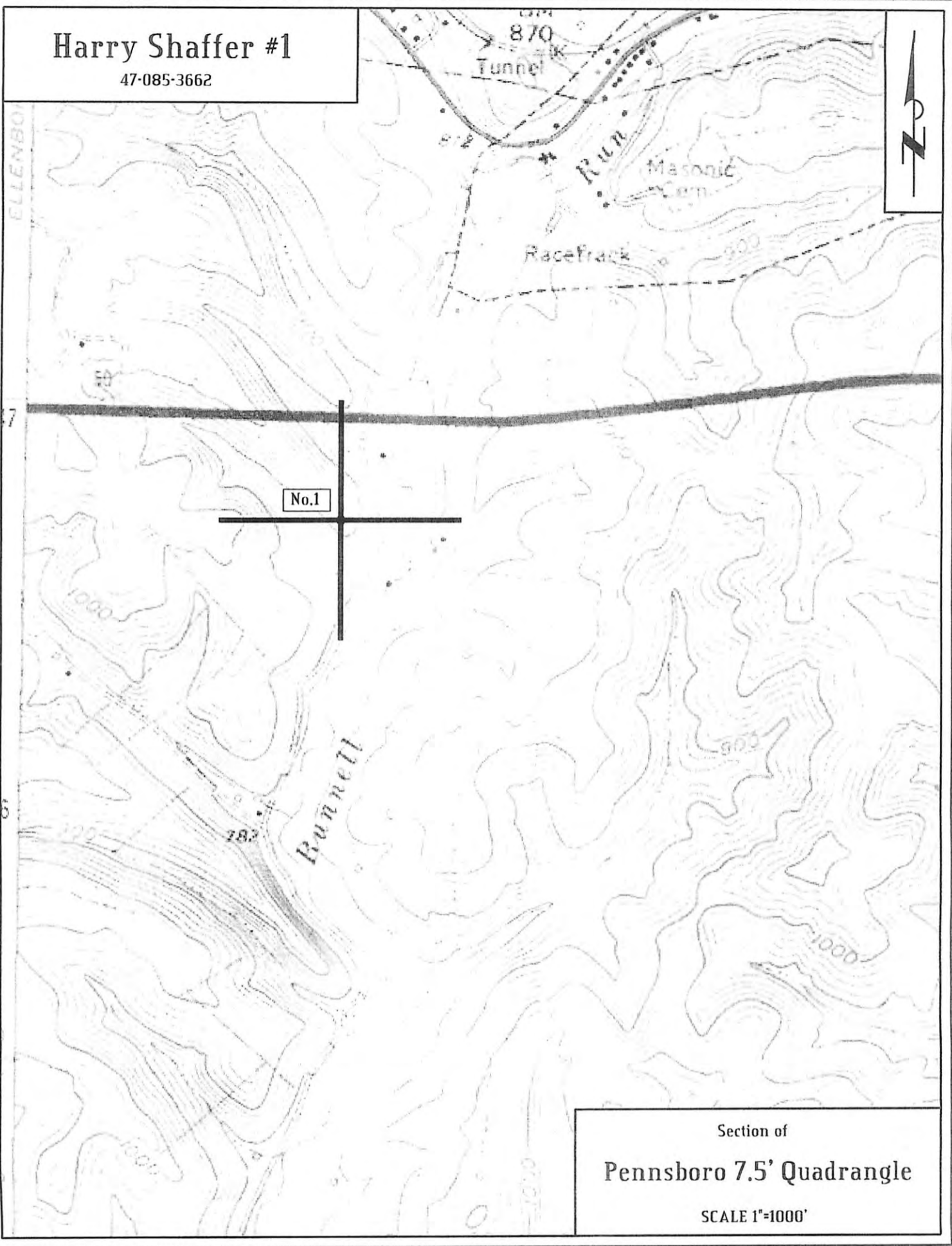
J F Deem
Signature

Owner/Operator
Title

1/7/13
Date

Harry Shaffer #1

47-085-3662



Section of
Pennsboro 7.5' Quadrangle

SCALE 1"=1000'

85-03662 P
DEEM, J.F. OIL & GAS LLC

H. SHAFFER 1

Farm Name: Harry Shaffer

02/08/2013