

West Virginia Department of Environmental Protection  
Office of Oil & Gas

**WELL LOCATION FORM: GPS**

API: 47- 095 - 0657 WELL NO: No.16

FARM NAME: M.W. Spencer

RESPONSIBLE PARTY NAME: Gastar Exploration, Ltd.

COUNTY: Tyler DISTRICT: McElroy

QUADRANGLE: Shirley 7.5'

SURFACE OWNER: Alva D. Spencer Estate

ROYALTY OWNER: Alva D. Spencer Estate

UTM GPS NORTHING: 4,364,753 (NAD 83)

UTM GPS EASTING: 518,028 (NAD 83) GPS ELEVATION: 269 m. 883 FT.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & 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	<input type="checkbox"/>	Post Processed Differential	<input type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>
Mapping Grade GPS	<input checked="" type="checkbox"/>	Post Processed Differential	<input checked="" type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>

**Received**  
NOV 6 2013

Office of Oil and Gas  
WV Dept. of Environmental Protection

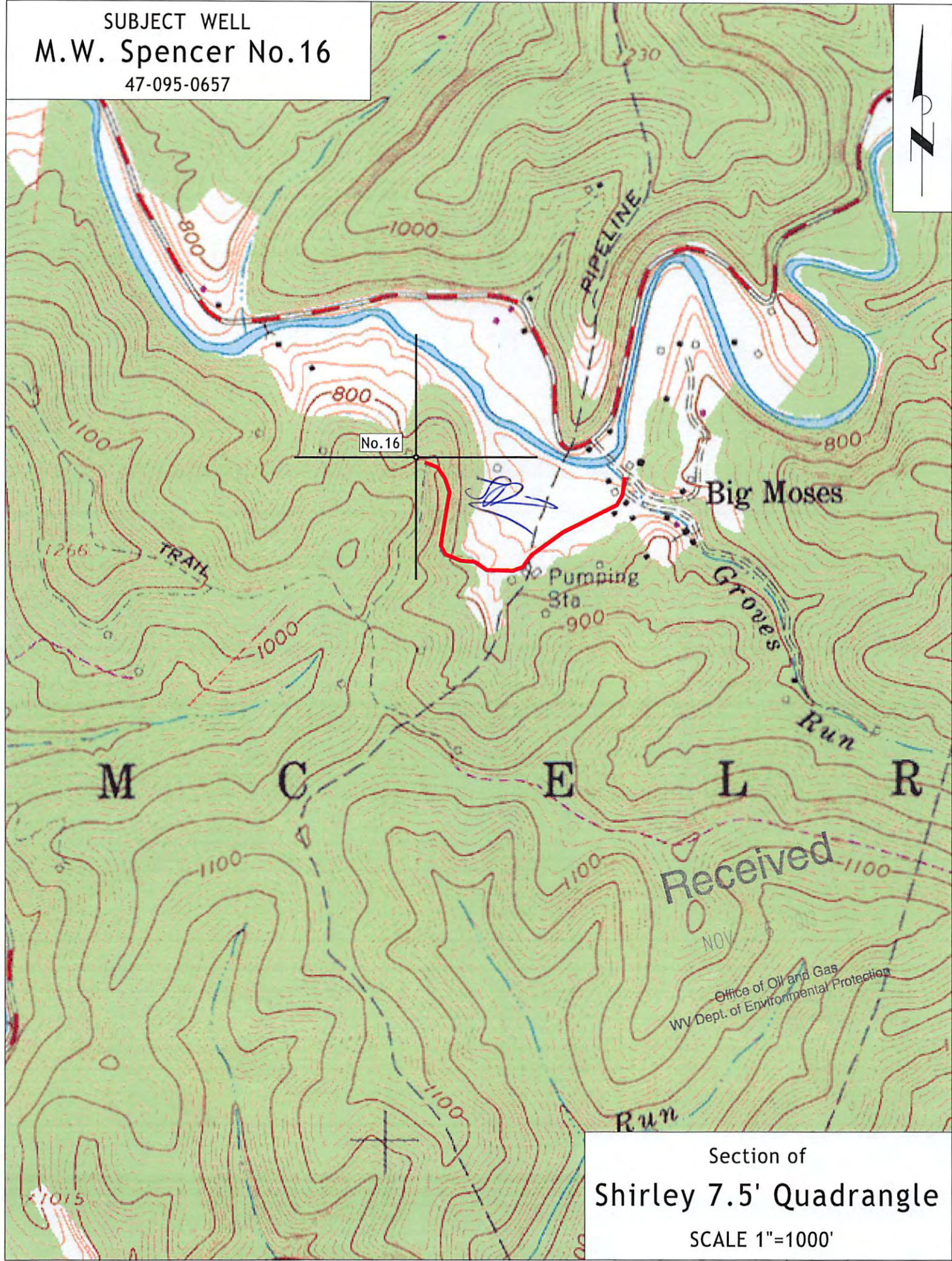
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Mike McCown  
Signature Mike McCown

COO & Designated Agent  
Title

September 26, 2013  
Date

SUBJECT WELL  
M.W. Spencer No.16  
47-095-0657



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

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