

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47- 095 - 1279 ⁸ WELL NO: No.1

FARM NAME: Thomas Smith

RESPONSIBLE PARTY NAME: Gastar Exploration, Ltd.

COUNTY: Tyler DISTRICT: McElroy

QUADRANGLE: Shirley 7.5'

SURFACE OWNER: Kenneth & Jennifer Mason

ROYALTY OWNER: Kenneth & Jennifer Mason

UTM GPS NORTHING: 4,364,740 (NAD 83)

UTM GPS EASTING: 516,040 (NAD 83) GPS ELEVATION: 287 m.

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:

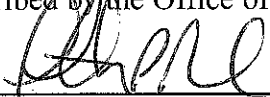
Survey Grade GPS Post Processed Differential
 Real-Time Differential
 Mapping Grade GPS Post Processed Differential
 Real-Time Differential

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Office of Oil & Gas

APR 30 2012

WV Department of
Environmental Protection

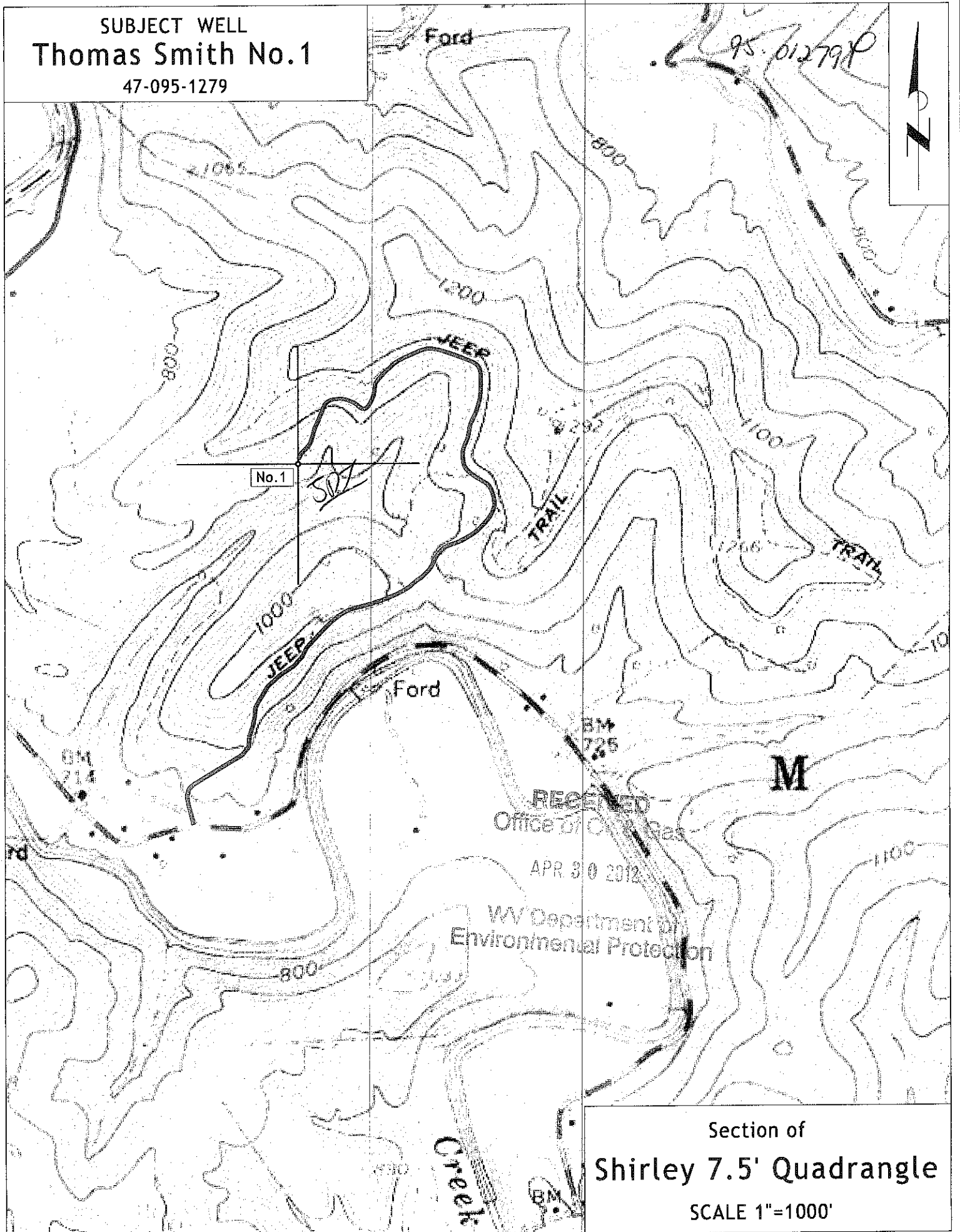
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature Timothy P. Roush

Professional Surveyor
Title

April 16, 2012
Date

SUBJECT WELL
Thomas Smith No.1
47-095-1279



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