



State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: **Hartman** Operator Well No. : **Twelve (12)**

LOCATION: Elevation: **890** Quadrangle: **Burnt House**
District: **Murphy** County: **Ritchie**
Latitude: **2,050** Feet South of **39** Deg. **02** Min. **30** Sec.
Longitude: **10,960** Feet West of **80** Deg. **57** Min. **30** Sec.

Company: **J.F.DEEM OIL & GAS, LLC** Casing Used Left Cement
4541 EMERSON AVE., #1 & In In Fill Up
PARKERSBURG, WV 26104 Tubing Drilling Well Cu Ft
Size _____

Agent: **J. Frank Deem**
Inspector: **Larry Parrish**

Permit Issued:
Well Work Commenced: **02-04-13** (See Original W-35 Dated 01-11-02)
Well Work Completed: **02-05-13**

Verbal Plugging
Permission granted on:
Rotary Cable Rig

Total Depth (feet)
Fresh water depths (ft)
Salt water depths (ft)
Is coal being mined in area (Y / N)?
Coal Depths (ft):

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Office of Oil and Gas

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WV Department of
Environmental Protection

OPEN FLOW DATA
Producing formation **Berea** Pay zone depth (ft) **2213-2236**
Gas: Initial open flow **Show** MCF / D Oil: Initial open flow **Show** Bbl /
Final open flow **23** MCF / D Oil: Final open flow **Show** Bbl / D
Time of open flow between initial and final tests
Static rock pressure **155** psig (surface pressure) after **24** Hours

Second producing formation * Pay zone depth (ft)
Gas: Initial open flow * MCF / D Oil: Initial open flow * Bbl / D
Final open flow * MCF / D Oil: Final open flow * Bbl / D
Time of open flow between initial and final tests * Hours
Static rock pressure * psig (surface pressure) after * Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: **J.F.DEEM OIL & GAS, LLC**

By: *J.F. Deem* PRESIDENT

Date: **February 15, 2013**

