

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Farm Name: Moore, Jerry A. Operator Well No.: E-0664

LOCATION: Elevation: 1484.64' Quadrangle: Shinnston
District: Lincoln County: Marion
Latitude: 1,120 feet South of 39 DEG. 30 MIN. 00 SEC.
Longitude: 8,345 feet West of 80 DEG. 17 MIN. 30 SEC.

Company: Linn Operating, Inc
480 Industrial Park Road
Jane Lew, WV 26378

Agent: Gary Beall
Inspector: Tim Bennett
Permit Issued: May 13, 2005
Well Work Commenced: January 11, 2006
Well Work Completed: January 24, 2006
Verbal Plugging: _____
Permission granted on:
Rotary X Cable _____
Total Depth (feet) 4426'
Fresh Water Depths (ft) 80' & 1,760'
Salt Water Depths (ft) N/A
Is coal being mined in area (Y / N) ? N
Coal Depths (ft) 829'

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
9 5/8"	870	870	283 sks
7"	2035	2035	196 sks
4 1/2"	4399	4399	177 sks

OPEN FLOW DATA

Producing Formation Multiple Pay Zone Depth (ft) 4303' -2232'
Gas: Initial Open Flow Show MCF/d Oil: Initial Open Flow ---- Bbl/d
Final Open Flow Show MCF/d Oil: Final Open Flow ---- Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock pressure 210 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 SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Linn Operating, Inc.
By: [Signature]
Date: 10-22-12

RECEIVED
Office of Oil & Gas

OCT 22 2012

WV Department of Environmental Protection

Form IV-35
(Reverse)

Well # Fancher #18 E-664
API # 47-04901610

Details Of Perforated Intervals, Fracturing, or Stimulating Physical Change Etc.

1		4303' - 4299' 8 Shots	X-Link w/ N2 Assist
2		4120' - 4110' 6 Shots	X-Link w/ N2 Assist
3		3230' - 3205' 12 Shots	X-Link w/ N2 Assist
4		3096' - 3071' 24 Shots	X-Link w/ N2 Assist
5		2794' - 2724' 14 Shots	X-Link w/ N2 Assist
6		2294' - 2281' 14 Shots	X-Link w/ N2 Assist
7		2238' - 2232' 12 Shots	X-Link w/ N2 Assist

<u>Formation color hard or soft</u>	<u>Top Ft Bottom Feet</u>		<u>Remarks</u>
Dirt	0	52	
Sandstone	52	80	H2O @ 80'
Sand & Shale	80	829	
Coal	829	834	
Sand & Shale	834	1000	
Red Rock	1000	1030	
Shale	1030	1120	
Sand & Shale	1120	1220	
Sand	1220	1945	Hole wet @ 1760'
Red Rock	1945	1970	
Sand & Shale	1970	2130	
Big Lime	2130	2200	
Sand	2200	2345	
Sand & Shale	2345	4426	TD