

WR-35  
Rev (9-11)

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: 5-7-13  
API #: 47-013-04729



Farm name: Joe Frame Operator Well No.: 2 North

LOCATION: Elevation: 675' Quadrangle: Annamoriah 7.5

District: Sheridan County: Calhoun  
Latitude: 10600' Feet South of 81 Deg. 12 Min. 13.2 Sec.  
Longitude 13740' Feet West of 38 Deg. 57 Min. 44.2 Sec.

Company: **Francis E. Cain dba Cain Oil and Gas**

Address: <b>5945 W Little Kanawha Highway</b>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<b>Big Bend, WV 26136</b>				
Agent: <b>Francis E. Cain</b>	<b>10 3/4</b>	<b>RF</b>	<b>282</b>	<b>65 sks</b>
Inspector: <b>Edward Gainer</b>	<b>9</b>			
Date Permit Issued: <b>08/15/2012</b>	<b>7</b>	<b>surf</b>	<b>1720</b>	<b>240 sks</b>
Date Well Work Commenced: <b>8/28/12</b>				
Date Well Work Completed: <b>9/14/12</b>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <b>1856'</b>				
Total Measured Depth (ft): <b>1856'</b>				
Fresh Water Depth (ft.): <b>110'</b>				
Salt Water Depth (ft.): <b>1480</b>				
Is coal being mined in area (N/Y)? <b>No</b>				
Coal Depths (ft.): <b>None</b>				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Big Injun Pay zone depth (ft) 1704-1709 10 shots

Gas: Initial open flow show MCF/d Oil: Initial open flow show Bbl/d

Final open flow 50 MCF/d Final open flow 2 Bbl/d

Time of open flow between initial and final tests 24 Hours

Static rock Pressure 220 psig (surface pressure) after 24 Hours

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Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Francis E. Cain  
Signature

5/7/13  
Date

08/09/2013

13-04729

Were core samples taken? Yes:  No

Were cuttings caught during drilling? Yes  No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Electrical

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Fracture - Water/Frac/Sand

Perforations	1704-1709	10 shots
Inigel 5F	350#	
15% HCl Acid, Area 1	750 gallon	

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	Bottom Depth
Sand/ground	0	50
Shale & Red Rock	50	290
Sand	290	330
Shale	330	880
Shale	880	1310
Sand	1310	1340
Shale	1340	1430
Sand	1430	to floor

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