

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

DATE: 7/15/2013
API #: 47-5902226

Farm name: JANS & SYLVIA CISCO Operator Well No.: 2175

LOCATION: Elevation: 1489.5' Quadrangle: DELBARTON

District: LEE County: MINGO
Latitude: 14.652 Feet South of 37 Deg. 42 Min. 30 Sec.
Longitude 2,075 Feet West of 82 Deg. 10 Min. 00 Sec.

Company: Quality Natural Gas, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P.O. Box 460</u> <u>Allen, KY 41601</u>	<u>13 3/8"</u>	<u>15"</u>	<u>42</u>	
Agent: <u>James Hill</u>	<u>9 5/8"</u>	<u>12 3/8"</u>	<u>792</u>	<u>319</u>
Inspector: <u>Jeremy James</u>	<u>7"</u>	<u>8 7/8"</u>	<u>2736</u>	<u>560</u>
Date Permit Issued: <u>10/25/2011</u>				
Date Well Work Commenced: <u>6/11/2013</u>				
Date Well Work Completed: <u>6/17/2013</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>2,900</u>				
Total Measured Depth (ft): <u>2,900</u>				
Fresh Water Depth (ft.): <u>NONE</u>				
Salt Water Depth (ft.): <u>2,520</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): <u>NO</u>				
Void(s) encountered (N/Y) Depth(s) <u>NO</u>				

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

Producing formation Big Lime Pay zone depth (ft) _____

Gas: Initial open flow 7,925 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 600 psig (surface pressure) after 0.25 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 Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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.


Signature

7-17-13
Date

09/27/2013

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No- Natural Well

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:

Natural Well

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

Formations Encountered: _____ Top Depth / _____ Bottom Depth
Surface: _____

FILL	0-39	SAND/RED ROCK	2250-2310
SAND/SHALE	39-840	SAND/SLATE/RR	2310-2370
SAND	840-930	SAND	2370-2550
SAND/SHALE	930-1050	SAND/SHALE	2550-2610
SAND	1050-1110	RED/SLATE/LIME	2610-2640
SHALE	1110-1140	SLATE	2640-2655
SAND/SHALE	1140-1440	DARK LIME	2655-2710
SAND	1440-1620	BIG LIME	2710-2900 (TD)
SAND/SHALE	1620-1740		
SAND	1740-1950		
SAND/SHALE	1950-2010		
SAND	2010-2160		
SAND/SHALE	2160-2190		
SAND	2190-2220		
SAND/LIME	2220-2250		