

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

DATE: _____
API #: 47-5901887

Farm name: DEATON, DANIEL II Operator Well No.: 1729

LOCATION: Elevation: 1,335' Quadrangle: MATEWAN

District: MAGNOLIA County: MINGO
Latitude: 8.879 Feet South of 37 Deg. 35 Min. 00 Sec.
Longitude 173 Feet West of 82 Deg. 07 Min. 30 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>191</u>	<u>191</u>	<u>None</u>
Agent: <u>James Hill</u>	<u>9 5/8"</u>	<u>732</u>	<u>732</u>	<u>225 CTS</u>
Inspector: <u>Jeremy James</u>	<u>7"</u>	<u>2527</u>	<u>2527</u>	<u>541 CTS</u>
Date Permit Issued: <u>12/20/2007</u>				
Date Well Work Commenced: <u>10/06/2009</u>				
Date Well Work Completed: <u>10/14/2009</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>5,190'</u>				
Total Measured Depth (ft): <u>5,190'</u>				
Fresh Water Depth (ft.): <u>245'</u>				
Salt Water Depth (ft.):				
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>				

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

Producing formation Brown Shale Pay zone depth (ft) _____

Gas: Initial open flow 3100 MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 1700 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 15 Hours

Static rock Pressure 290 psig (surface pressure) after 18 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

RECEIVED
Office of Oil and Gas

MAY 02 2013

Department of
Environmental Protection

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

4-30-13
Date

05/24/2013

59-01887

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 _____
 Density/audio/temperature/gamma ray _____

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:

HOLLOW FILL	0-150	SAND/SLATE	2097-2147	BEREA	3480-3570
SAND	150-324	RED ROCK	2147-2182	SLATE	3570-3660
SAND/SLATE	324-358	SLATE/R.ROCK	2182-2270	B.SHALE	3660-3708
SAND	358-390	SAND/SLATE	2270-2330	W.SHALE	3708-3820
SAND/SLATE	390-451	SLATE	2330-2420	B.SHALE	3820-3968
SLATE	451-488	SAND	2420-2460	W.SHALE	3968-4310
SAND	488-775	SAND/SLATE	2460-2520	B.SHALE	4310-4690
SLATE/SAND	775-840	SLATE/R.ROCK	2520-2580	W.SHALE	4690-4962
SAND	840-1121	SAND/SLATE	2580-2640	B.SHALE	4962-5110
SLATE	1121-1295	DARK LIME	2640-2688	W.SHALE	5110-5130
SAND/SLATE	1295-1335	BIG LIME	2688-2860	MARCELLOUS	5130-5185
SAND	1335-1455	INJUN	2860-2940	CONIFEROUS	5185-5190
SAND/SLATE	1455-1577	WEIR	2940-3180		
SAND	1577-2070	SLATE	3180-3450		
SLATE/R.ROCK	2070-2097	COFFEE SHALE	3450-3480		

05/24/2013