

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

Date: 5/7/2013
API: 47-051-01547

Farm Name: Webster Operator Well No: WEB-4F-HS
LOCATION: Elevation: 1,289.00 Quadrangle: MAJORSVILLE

District: County: MARSHALL
Latitude: _____ Feet South of
Longitude: _____ Feet South of
Deg. Min. Sec. 39.937136
Deg. Min. Sec. -80.554306

Company: CNX Gas Company LLC	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
Address: 200 Evergreene Drive Waynesburg, PA 15370	30	40	40	Cemented In
Agent: Steven Haught	20	342	342	560 sxs (126 bbls) cement to surface
Inspector: Bill Hendershot	13-3/8	888.3	888.3	693 sxs (157 bbls) cement to surface
Date Permit Issued: 5/21/12	9-5/8	3,149	3,149	1124 sxs (254 bbls) cement to surface
Date Well Work Commenced: 5/24/2012	5-1/2	14,992	14,992	2625 sxs (594 bbls) cement
Date Well Work Completed: 6/19/2013				
Verbal Plugging:				
Date Permission granted on: 5/24/2012				
Rotary Cable Rig X				
Total Vertical Depth (ft): Original Hole - 6,823.99				
Total Measured Depth (ft): 15,007.00				
Fresh Water Depth (ft): 94				
Salt Water Depth (ft): NONE				
Is coal being mined in the area (N/Y)? Y				
Coal Depths (ft.): 785 - 791				
Pittsburgh Coal				
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 Marcellus Pay zone depth (ft) 6,823.99
Gas: Initial open flow 3234 MCF/d Oil: Initial open flow 2.7 Bbl/d
Final open flow 4216 MCF/d Final open flow 3.7 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 2558 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 Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Received

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.

Laura L. Aelkins 8/6/13
Signature Date

09/13/2013

Were core samples taken? Yes__ No__X_

Were cuttings caught during drilling? Yes_X_ No__

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

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:

Please See Attached

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

Surface:

Formations Encountered:

Formation Name Cashaqua	Drilling Top MD (RKB) 6,885.0	Drilling Bottom MD (RKB) 7,017.0
Formation Name Middlesex	Drilling Top MD (RKB) 7,017.0	Drilling Bottom MD (RKB) 7,058.0
Formation Name West River	Drilling Top MD (RKB) 7,058.0	Drilling Bottom MD (RKB) 7,164.0
Formation Name Burkett	Drilling Top MD (RKB) 7,164.0	Drilling Bottom MD (RKB) 7,174.0
Formation Name Tully	Drilling Top MD (RKB) 7,174.0	Drilling Bottom MD (RKB) 7,228.0
Formation Name Hamilton	Drilling Top MD (RKB) 7,228.0	Drilling Bottom MD (RKB) 7,466.0
Formation Name Marcellus	Drilling Top MD (RKB) 7,466.0	Drilling Bottom MD (RKB) 7,491.0
Formation Name Cherry Valley	Drilling Top MD (RKB) 7,491.0	Drilling Bottom MD (RKB) 7,496.0
Formation Name Lower Marcellus	Drilling Top MD (RKB) 7,496.0	Drilling Bottom MD (RKB)

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Stage #	Formation	Frac Type	Top		Bottom		BD Press (psi)	ATP (psi)	Avg Rate (bpm)	ISIP (psi)	Frac Gradient	Sand (lbs)	Acid (gals)	Water (gals)
			Perf	Perf	Perf	Perf								
1	Marcellus	Slickwater	14,709	14,902	6,100	8,387	89.0	4,432	1.08	360,081	3,000	298,578		
2	Marcellus	Slickwater	14,425	14,627	6,152	8,448	88.0	4,604	1.11	358,217	3,000	311,010		
3	Marcellus	Slickwater	14,125	14,377	6,192	8,439	88.0	4,651	1.12	440,858	3,000	348,012		
4	Marcellus	Slickwater	13,923	14,077	6,444	8,221	88.0	4,931	1.16	235,165	3,000	251,748		
5	Marcellus	Slickwater	13,625	13,877	5,871	8,750	85.0	4,625	1.11	416,283	3,000	415,380		
6	Marcellus	Slickwater	13,325	13,577	6,451	8,453	87.0	4,567	1.10	455,926	3,000	368,298		
7	Marcellus	Slickwater	13,025	13,277	5,700	8,652	89.0	4,446	1.09	463,885	3,000	367,542		
8	Marcellus	Slickwater	12,725	12,977	5,989	8,407	89.0	4,329	1.07	442,099	3,000	344,694		
9	Marcellus	Slickwater	12,523	12,677	6,124	8,374	88.0	4,620	1.11	295,152	3,000	269,892		
10	Marcellus	Slickwater	12,323	12,477	6,757	8,379	87.0	4,647	1.12	285,396	3,000	262,836		
11	Marcellus	Slickwater	12,123	12,277	5,510	8,583	89.0	4,490	1.09	288,120	3,000	255,822		
12	Marcellus	Slickwater	11,825	12,077	6,013	8,515	90.0	4,591	1.11	443,782	3,000	340,662		
13	Marcellus	Slickwater	11,623	11,777	6,411	8,309	88.0	4,692	1.12	283,989	3,000	256,788		
14	Marcellus	Slickwater	11,423	11,577	6,281	8,309	86.0	5,145	1.19	281,278	3,000	287,532		
15	Marcellus	Slickwater	11,125	11,377	5,703	8,050	88.0	4,513	1.10	438,395	3,000	340,830		
16	Marcellus	Slickwater	10,825	11,077	6,151	8,080	89.0	4,622	1.11	432,733	3,000	334,362		
17	Marcellus	Slickwater	10,525	10,777	6,297	8,262	89.0	4,507	1.09	438,857	3,000	332,934		
18	Marcellus	Slickwater	10,275	10,477	6,210	8,150	47.0	5,011	1.17	2,095	6,000	131,964		
18B	Marcellus	Slickwater	10,295	10,477	6,910	8,616	68.0	4,962	1.17	8,972	3,000	118,566		
18C	Marcellus	Slickwater	10,025	10,227	6,041	7,841	90.0	4,611	1.11	363,203	3,000	292,404		
19	Marcellus	Slickwater	9,725	9,977	6,364	8,032	89.0	4,633	1.11	433,649	3,000	333,564		
20	Marcellus	Slickwater	9,425	9,677	6,271	7,994	87.0	4,632	1.11	326,727	3,000	307,776		
21	Marcellus	Slickwater	9,125	9,377	6,031	7,752	90.0	4,633	1.11	440,181	3,000	334,698		
22	Marcellus	Slickwater	8,875	9,077	6,587	7,653	90.0	4,635	1.13	365,177	3,000	293,202		
23	Marcellus	Slickwater	8,625	8,827	5,941	7,640	89.0	4,474	1.10	362,559	3,000	291,228		
24	Marcellus	Slickwater	8,423	8,577	6,538	7,640	90.0	4,528	1.12	287,952	3,000	248,430		
25	Marcellus	Slickwater	8,125	8,377	5,911	7,531	86.0	4,734	1.13	406,144	3,000	319,200		
26	Marcellus	Slickwater	7,825	8,077	6,000	7,507	88.0	4,394	1.08	418,086	3,000	325,710		
27	Marcellus	Slickwater	7,525	7,777	5,140	7,565	89.0	4,444	1.09	426,599	3,000	323,358		

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Stage #	Plug Type	Plug Depth
1	No Plug	No Plug
2	Composite Frac Plug	14,650
3	Composite Frac Plug	14,400
4	Composite Frac Plug	14,100
5	Composite Frac Plug	13,900
6	Composite Frac Plug	13,600
7	Composite Frac Plug	13,300
8	Composite Frac Plug	13,000
9	Composite Frac Plug	12,700
10	Composite Frac Plug	12,500
11	Composite Frac Plug	12,300
12	Composite Frac Plug	12,100
13	Composite Frac Plug	11,800
14	Composite Frac Plug	11,600
15	Composite Frac Plug	11,400
16	Composite Frac Plug	11,100
17	Composite Frac Plug	10,800
18A,18B,18C	Composite Frac Plug	10,500
20	Composite Frac Plug	10,000
21	Composite Frac Plug	9,700
22	Composite Frac Plug	9,400
23	Composite Frac Plug	9,100
24	Composite Frac Plug	8,850
25	Composite Frac Plug	8,600
26	Composite Frac Plug	8,400
27	Composite Frac Plug	8,100
28	Composite Frac Plug	7,800
	Bridge Plug	6,500

Received