

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

Farm Name: Webster Operator Well No: WEB-4M-HS

LOCATION: Elevation: 1,288.00

Quadrangle: MAJORSVILLE

District: County: MARSHALL

Latitude: _____ Feet South of

Deg. Min. Sec. 39.937181

Longitude: _____ Feet South of

Deg. Min. Sec. -80.554344

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	333.0	333.0	610 sxs (129 bbls) cemented to surface
Inspector: Bill Hendershot	13 3/8	887.0	887.0	686 sxs (156 bbls) cemented to surface
Date Permit Issued: 5/21/2011	9 5/8	3,198.0	3,198.0	1105 sxs (234 bbls) cemented to surface
Date Well Work Commenced: 6/25/2012	5 1/2	11,832.0	11,832.0	2034 sxs (460 bbls) cement
Date Well Work Completed: 6/24/2013				
Verbal Plugging:				
Date Permission granted on: 6/25/2012				
Rotary Cable Rig X				
Total Vertical Depth (ft): Original Hole - 6,705.17				
Total Measured Depth (ft): 11,852.00				
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) 6705.17
 Gas: Initial open flow 2,988 MCF/d Oil: Initial open flow 7.2 Bbl/d
 Final open flow 3,563 MCF/d Final open flow 18.0 Bbl/d
 Time of open flow between initial and final tests 24 Hours
 Static rock Pressure 1,950 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

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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.

Laura Adkins 8/6/13
Signature Date

09/13/2013

Were core samples taken? Yes ___ No X

Were cuttings caught during drilling? Yes X No ___ 51-01550

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): Please see attached

Surface:

Formations Encountered:

Formation Name Cashaqua	Drilling Top MD (ftKB) 6,531.0	Drilling Bottom MD (ftKB) 6,641.0
Formation Name Middlesex	Drilling Top MD (ftKB) 6,641.0	Drilling Bottom MD (ftKB) 6,675.0
Formation Name West River	Drilling Top MD (ftKB) 6,675.0	Drilling Bottom MD (ftKB) 6,766.0
Formation Name Burkett	Drilling Top MD (ftKB) 6,766.0	Drilling Bottom MD (ftKB) 6,776.0
Formation Name Tully	Drilling Top MD (ftKB) 6,776.0	Drilling Bottom MD (ftKB) 6,827.0
Formation Name Hamilton	Drilling Top MD (ftKB) 6,827.0	Drilling Bottom MD (ftKB) 7,074.0
Formation Name Marcellus	Drilling Top MD (ftKB) 7,074.0	Drilling Bottom MD (ftKB) 7,098.0
Formation Name Cherry Valley	Drilling Top MD (ftKB) 7,098.0	Drilling Bottom MD (ftKB) 7,106.0
Formation Name Lower Marcellus	Drilling Top MD (ftKB) 7,106.0	Drilling Bottom MD (ftKB)

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SEP 12 2013

51-01550

WEB 4M
47-051-01550

Stage #	Formation	Frac Type	Top Perf	Bottom Perf	BD Press (psi)	ATP (psi)	Avg Rate (bpm)	ISIP (psi)	Frac Gradient	Sand (lbs)	Acid (gals)	Water (gals)
1	Marcellus	Slickwater	11,585	11,740	6,230	7,816	86.0	3,695	0.98	362,255	3,000	282,828
2	Marcellus	Slickwater	11,275	11,477	5,974	7,913	89.0	4,134	1.29	445,214	3,000	336,000
3	Marcellus	Slickwater	10,925	11,177	5,973	7,995	88.0	4,331	1.08	455,342	3,000	335,706
4	Marcellus	Slickwater	10,723	10,877	6,545	7,334	88.0	4,463	1.10	302,910	3,000	256,704
5	Marcellus	Slickwater	10,523	10,677	6,465	7,171	88.0	4,794	1.15	295,405	3,000	251,034
6	Marcellus	Slickwater	10,225	10,477	6,890	7,902	89.0	4,925	1.17	446,455	3,000	326,550
7	Marcellus	Slickwater	9,975	10,177	6,378	7,846	73.0	4,142	1.29	343,899	6,000	357,000
8	Marcellus	Slickwater	9,725	9,927	5,847	7,303	89.0	4,784	1.15	389,845	3,000	294,756
9	Marcellus	Slickwater	9,425	9,677	5,958	7,261	89.0	4,635	1.12	436,723	3,000	330,414
10	Marcellus	Slickwater	9,223	9,377	6,513	7,973	89.0	4,385	1.34	303,753	3,000	248,556
11	Marcellus	Slickwater	8,925	9,177	5,967	7,608	89.0	4,467	1.36	441,920	3,000	362,880
12	Marcellus	Slickwater	8,625	8,877	6,218	7,310	89.0	4,505	1.11	459,006	3,000	331,086
13	Marcellus	Slickwater	8,325	8,577	6,775	7,813	88.0	4,298	1.32	442,527	3,000	317,730
14	Marcellus	Slickwater	8,123	8,277	6,473	7,670	90.0	4,644	1.12	286,133	3,000	243,810
15	Marcellus	Slickwater	7,875	8,077	5,419	7,340	90.0	4,435	1.09	370,301	3,000	273,840
16	Marcellus	Slickwater	7,575	7,827	6,110	7,400	89.0	4,339	1.08	427,865	3,000	311,220
17	Marcellus	Slickwater	7,186	7,500	5,561	7,161	86.0	4,491	1.36	481,822	3,000	324,870

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AUG 12 2013

09/13/2013

51-01550

WEB 4M
47-051-01550

Stage #	Plug Type	Plug Depth
1	No Plug	No Plug
2	Composite Frac Plug	11,500
3	Composite Frac Plug	11,200
4	Composite Frac Plug	10,900
5	Composite Frac Plug	10,700
6	Composite Frac Plug	10,500
7	Composite Frac Plug	10,200
8	Composite Frac Plug	9,950
9	Composite Frac Plug	9,700
10	Composite Frac Plug	9,400
11	Composite Frac Plug	9,200
12	Composite Frac Plug	8,900
13	Composite Frac Plug	8,600
14	Composite Frac Plug	8,300
15	Composite Frac Plug	8,100
16	Composite Frac Plug	7,850
17	Composite Frac Plug	7,550
	Bridge Plug	6,500

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