

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

DATE: 9-6-2012
API #: 47-069-00091

Farm name: Charles Frye OHI 10H Operator Well No.: 833122

LOCATION: Elevation: 1260 Quadrangle: Valley Grove, WV.

District: Triadelphia County: Ohio
Latitude: 10350 Feet South of 40 Deg. 05 Min. 00 Sec.
Longitude 10950 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	100'	100'	157 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	678'	678'	784 Cu. Ft.
Inspector: Derek Haught	9 5/8"	2218'	2218'	1083 Cu. Ft.
Date Permit Issued: 7-11-2011	5 1/2"	12745'	12745'	3046 Cu. Ft.
Date Well Work Commenced: 7-20-2011				
Date Well Work Completed: 3-7-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6599'				
Total Measured Depth (ft): 12747'				
Fresh Water Depth (ft.): 78', 300'				
Salt Water Depth (ft.): 1135'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 632'				
Void(s) encountered (N/Y) Depth(s) Y 632'				

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

Producing formation Marcellus Pay zone depth (ft) 6,800' - 12,602'

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 2,790* MCF/d Final open flow 178 Bbl/d
Time of open flow between initial and final tests 47 Hours *Calculated
Static rock Pressure 4,283* psig (surface pressure) after _____ 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.

Marlene Williams
Signature

9-10-2012
Date

11/09/2012

PERFORATION RECORD ATTACHMENT

Well Number and Name: 833122 Charles Frye OHI 10H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated	Fluid		Propping Agent		Average Injection	
	From	To			Type	Amount	Type	Amount		
12/10/2011	12,242	12,602	2/24/2012	12,242	12,602	Sik wtr	10,444	Sand	570,220	84
2/24/2012	11,788	12,149	2/25/2012	11,788	12,149	Sik wtr	10,838	Sand	568,440	81
2/25/2012	11,337	11,695	2/26/2012	11,337	11,695	Sik wtr	10,279	Sand	572,620	84
2/26/2012	10,881	11,242	2/27/2012	10,881	11,242	Sik wtr	11,518	Sand	441,680	80
2/27/2012	10,428	10,788	2/28/2012	10,428	10,788	Sik wtr	12,372	Sand	571,780	78
2/28/2012	9,974	10,335	2/29/2012	9,974	10,335	Sik wtr	11,093	Sand	571,300	82
2/29/2012	9,521	9,881	3/1/2012	9,521	9,881	Sik wtr	11,500	Sand	548,840	85
3/1/2012	9,067	9,431	3/2/2012	9,067	9,431	Sik wtr	11,649	Sand	571,880	84
3/2/2012	8,614	8,974	3/3/2012	8,614	8,974	Sik wtr	10,670	Sand	569,440	82
3/3/2012	8,160	8,521	3/4/2012	8,160	8,521	Sik wtr	12,878	Sand	573,880	64
3/4/2012	7,708	8,067	3/5/2012	7,708	8,067	Sik wtr	10,470	Sand	571,580	81
3/5/2012	7,253	7,616	3/6/2012	7,253	7,616	Sik wtr	10,583	Sand	570,820	82
3/6/2012	6,800	7,160	3/6/2012	6,800	7,160	Sik wtr	11,188	Sand	571,400	83

LATERAL WELLBORE

Maximum TVD of wellbore: 6599 ft TVD @ 12300 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SHALE	0	0	622	622
PITTSBURGH COAL	622	622	630	630
LS/SHALE	630	630	650	650
SS/LS	650	650	690	690
SHALE/LS	690	690	790	790
SHALE	790	790	880	880
SS/SHALE	880	880	940	940
SHALE/SS	940	940	1240	1240
SS/SHALE	1240	1240	1270	1270
SHALE/SS	1270	1270	1480	1480
SS/SHALE	1480	1480	1600	1600
LS/SHALE	1600	1600	1650	1650
BIG LIME	1650	1650	1700	1700
LS/SHALE	1700	1700	1800	1800
BIG INJUN	1800	1800	2040	2040
SHALE	2040	2040	3500	3500
SHALE/SS	3500	3500	3730	3730
SHALE	3730	3730	6414	6300
GENESEO	6414	6300	6445	6323
TULLY	6445	6323	6495	6357
HAMILTON	6495	6357	6735	6472
MARCELLUS	6735	6472	12747	6590
TD	12747	6590		0
		0		0