

WR-35
Rev (9-11)

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

DATE: 6/22/11
API #: 4705101395

Farm name: Crow Operator Well No.: 1H

LOCATION: Elevation: 1080 Quadrangle: Moundsville

District: Webster County: Marshal
Latitude: 11054 Feet South of 39 Deg. 55 Min. 00 Sec.
Longitude 8184 Feet West of 80 Deg. 37 Min. 30 Sec.

Company: Chief Oil and Gas

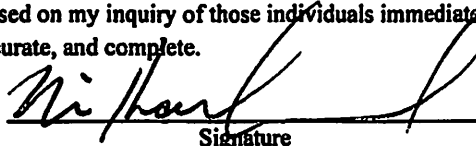
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
5956 Sherry Ln, Suite 1500 Dallas, Texas 75225	24"	80	80	Sanded in
Agent: <u>Chad S. Lovejoy</u>	20"	483	483	468 cts
Inspector: <u>Bill Hendershot</u>	13 3/8"	908	908	910 cts
Date Permit Issued: <u>10/27/10</u>	9 5/8"	2154	2154	918 cts
Date Well Work Commenced: <u>12/19/10</u>	5 1/2"	11328	11328	2298
Date Well Work Completed: <u>01/21/11</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>6552</u>				
Total Measured Depth (ft): <u>11345</u>				
Fresh Water Depth (ft.): <u>NA</u>				
Salt Water Depth (ft.): <u>NA</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>605</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

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

Producing formation Marcellus Pay zone depth (ft) 6552'
Gas: Initial open flow NA MCF/d Oil: Initial open flow NA Bbl/d
Final open flow NA MCF/d Final open flow NA Bbl/d
Time of open flow between initial and final tests NA Hours
Static rock Pressure NA psig (surface pressure) after NA Hours

Second producing formation NA 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

6-7-12
Date

01/25/2013

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 MWD Gamma

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:

400 holes

100,991 Bbl FW

3,401,200 # 100 mesh sand

3,554,000 # 40/70 mesh sand

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

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

Formations Encountered	Top Depth	/	Bottom Depth
Sandstone/Shale	0	/	497
Coal/Sandstone/Shale	497	/	605
Pittsburgh Coal	605	/	685
Sandstone	685	/	728
Claystone	728	/	893
Sandstone	893	/	3229
Shale/Sandstone	3229	/	6295
Burkett	6295	/	6342
Tully	6342	/	6380
Hamilton	6380	/	6552
Marcellus	6552	/	11345

JUL 18

01/25/2013