

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: 2/4/13
API #: 021-5753

Farm name: LARRY B. CHAPMAN Operator Well No.: F. W. BELL #9

LOCATION: Elevation: 1039' Quadrangle: GLENVILLE

District: DEKALB County: GILMER
Latitude: 10675' Feet South of 39 Deg. 00 Min. 00 Sec.
Longitude 10250' Feet West of 80 Deg. 50 Min. 00 Sec.

Company: ROY G. HILDRETH AND SON, INC.

Address:	<u>P. O. BOX 1007</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	<u>SPENCER, WV 25276</u>	<u>7"</u>	<u>300'</u>	<u>300'</u>	<u>CTS</u>
Agent:	<u>ROY G. HILDRETH</u>	<u>4 1/2"</u>	<u>2216'</u>	<u>2216'</u>	<u>TOP CEMENT 1342'</u>
Inspector:	<u>JOE MCCOURT</u>				<u>130 CU FT</u>
Date Permit Issued:	<u>7/24/2012</u>				
Date Well Work Commenced:	<u>9/1/12</u>				
Date Well Work Completed:	<u>9/21/12</u>				
Verbal Plugging:	<u>N/A</u>				
Date Permission granted on:	<u>N/A</u>				
Rotary <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>	Rig <input type="checkbox"/>			
Total Vertical Depth (ft):	<u>2238'</u>				
Total Measured Depth (ft):	<u>N/A</u>				
Fresh Water Depth (ft.):	<u>N/A</u>				
Salt Water Depth (ft.):	<u>N/A</u>				
Is coal being mined in area (N/Y)?	<u>NO</u>				
Coal Depths (ft.):	<u>N/A</u>				
Void(s) encountered (N/Y) Depth(s)	<u>N/A</u>				

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

Producing formation WIER Pay zone depth (ft) 2040' - 2044' (2065' - 2068')
Wier

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow SHOW Bbl/d

Final open flow 200 MCF/d Final open flow 5 Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation MAXON Pay zone depth (ft) 1692' - 1713'

Gas: Initial open flow SHOW MCF/d Oil: Initial open flow SHOW Bbl/d

Final open flow 200 MCF/d Final open flow 5 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
MAR 21 2013
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.

Jon R. Diehl
Signature

2/14/13
Date

06/14/2013

21.5753

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 ELECTRICAL

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:

PLUG SET 1620'	WIER 2080' - 2083' (3 HOLES)	PERF 1515' (1 HOLE)
PERF 1692'- 1713' (25 HOLES)	WIER 2132' (1 HOLE)	PERF 1580' (1 HOLE)
PERF 1738' - 1741' (8 HOLES)	PERF 1407' - 1411' (5 HOLES)	
PLUG SET 1770'	PERF 1435' - 1439' (5 HOLES)	
PERF 1940' - 1942' (2 HOLES)	PERF 1466' (2 HOLES)	
WIER 2040' - 2044' (5 HOLES)	PERF 1478' (1 HOLE)	

Plug Back Details Including Plug Type and Depth(s): **FOAM FRAC 20000 LBS EACH 500 GAL ACID EACH**

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
SLATE & SHALE	0' - 1100'	INJUN	1856' - 1900'
SALT SAND	1100' - 1150'	SLATE & SHALE	1900' - 2020'
SLATE & SHALE	1150' - 1210'	WIER	2020' - 2145'
SALT SAND	1210' - 1260'	SLATE & SHALE	2145' - 2238'
SLATE & SHALE	1260' - 1280'		
SALT SAND	1280' - 1320'		
SLATE & SHALE	1320' - 1380'		
SALT SAND	1380' - 1489'		
SLATE & SHALE	1489' - 1510'		
LIME	1510' - 1530'		
SLATE & SHALE	1530' - 1670'		
MAXON	1670' - 1710'		
LIME	1710' - 1740'		
SLATE & SHALE	1740' - 1760'		
BIG LIME	1760' - 1856'		F. W. BELL #9

06/14/2013