

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

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WV Division of
Environmental Protection

Well Operator's Report of Well Work

Farm name: GEROGIA PACIFIC CO. Operator Well No.: WV 2399 1994

LOCATION: Elevation: 2,780.00 Quadrangle: MATHENY

Permitting
Office of Oil & Gas

District: SLAB FORK County: WYOMING
Latitude: 8700 Feet South of 37 Deg. 45Min. Sec.
Longitude 3250 Feet West of 81 Deg. 30 Min. Sec.

Company: PENN VIRGINIA RESOURCES M
HWY. 58-421 W., P. O. BOX 386
DUFFIELD, VA 24244-0386

Agent: JOHN O. RIZER/ C.T CORP.

Inspector: RODNEY DILLON
Permit Issued: 06/01/93
Well work Commenced: 08/03/93
Well work Completed: 10/20/93
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 4733'
Fresh water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill U ₁ Cu. Ft.
8 5/8"	2199'	2199'	849 cu. ft.
5 1/2"	4620'	4620'	178 cu. ft.

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Princeton, Ravencliff,
Producing formation Big Lime, & Weir Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/
Final open flow 2923 MCF/d Final open flow _____ Bbl/
Time of open flow between initial and final tests 4 Hour
Static rock Pressure 230 psig (surface pressure) after 48 Hour

Second producing formation Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/
Final open flow _____ MCF/d Final open flow _____ Bbl/
Time of open flow between initial and final tests _____ Hour
Static rock Pressure _____ psig (surface pressure) after _____ Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATION INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENN VIRGINIA Oil & Gas Corp.

By: William M. Ryan William M. Ryan
Date: 7/6/94

WV 0 1328

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Weir 4058-4066' 17 Holes Treatment: 250 gals. of 15% HCl acid followed by 27,000 gals. 75Q foam, 51,160 lbs. sand and 270 MSCF N2.

Big Lime 3550-3803' 16 Holes Treatment: All Big Lime intervals were treated together. 250 gals. of 20% HCl acid, load hole with water, breakdown and establish rate. Pump 1000 gals. of 15% HCl acid with ballscalers, ball out. Pump 20,000 gals. of 75Q foamed 15% HCl acid.

Princeton 2476-2480' 2 Holes Treatment: Ravencliff & Princeton were treated together. 500 gals. of 15% HCl and frac with 22,000 gals. of 75Q foam

Ravencliff 2607-2619' 15 Holes 30,000 lbs. of sand and 292 MCF of N2.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	186	
Coal			186	190	
Sand & Shale			190	1820	
Coal			1820	1826	
Sand & Shale			1826	2450	
Princeton			2450	2490	
Sand & Shale			2490	2594	
Ravencliff			2594	2626	Show Gas
Avis LS			2626	2657	
Sand & Shale			2657	3326	
Sand			3326	3356	1½" stream water
Little Lime			3366	3462	
Lime & Shale			3462	3468	
Big Lime			3468	3848	Show Gas
Shale			3848	4031	
Weir			4031	4078	
Shale			4078	4723	
Total Depth			4723		

Note: Lost bottom part of hole from 4723 to 4650. Could not log below 4650'.

(Attach separate sheets as necessary)

John Bonar
Well Operator

By: John Bonar, Petroleum Engineer

Date: July 14, 1994

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

11/08/2024

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