

WR-35

14-May-99
API # 47-61-01328

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Office of Oil and Gas
Permitting

SEP 13 1999

Farm name: DALE, SHAW Operator Well No.: 623719

LOCATION: Elevation: 1,521.00 Quadrangle: MORGANTOWN SOUTH

District: MORGAN County: MONONGALIA
Latitude: 4800 Feet South of 39 Deg. 35 Min. 0 Sec.
Longitude 9800 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: COLUMBIA NATURAL RESOURCES
P.O. BOX 6070
CHARLESTON, WV 25362-0000

Agent: MARK HACKETT

Inspector: RANDAL MICK
Permit Issued: 05/14/99
Well work Commenced: 07/22/99
Well work Completed: 09/02/99
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 7752
Fresh Water depths (ft) 120

Casing & Tubing	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
Size 11 3/4	302	302	CTS 150 sxs
8 5/8	2964	2964	CTS 765 sxs
4 1/2	7661	7661	225 sxs

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

OPEN FLOW DATA

Producing formation Chert Pay zone depth (ft) 7368-7490
Gas: Initial open flow 0 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 11,655 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 3000 psig (surface pressure) after 72 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

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA NATURAL RESOURCES

By: R. Mark Hackett

Date: 9/9/99

SEP 20 1999

MOND 1328

