

WR-35

API # 47- 109-02206

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

Well Operator's Report of Well Work

Farm Name: Plum Creek Timberlands

Operator Well No.: 507828

LOCATION: Elevation: 1,980.00

Quadrangle: Pineville

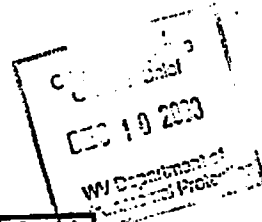
District: Center

County: Wyoming

Latitude: 4530 Feet South of
Longitude: 5600 Feet West of

37 Deg.
61 Deg.

Minutes 52
Seconds 30
Minutes 32
Seconds 30



Company: Equitable Production Company
1710 Pennsylvania Avenue
Charleston, WV 25302

Agent: Stephen G. Perdue

Inspector: Ralph Triplett

Permit issued: 11/7/2002
Well work commenced: 04/29/03
Well work completed: 05/22/03

Verbal Plugging Permission granted on: _____

Rotary Rig X Cable Rig _____

Total Depth 4171' feet

Fresh water depths (ft) 50', 240' & 560'

Salt water depths (ft) _____

Is coal being mined in area? _____

Coal Depths (ft): See Attached

Casing & Tubing Size	Used In Drilling	Left In Well	Cement Fill Up Cu. FL
13-3/8"	28'	28'	Grd
9-5/8"	846'	846'	375 FP
7"	1648'	1648'	323 FP
4-1/2"	4147'	4147'	437 FP
2-3/8"		4057'	

OPEN FLOW DATA

Producing formation Gordon, Big Lime & Ravencliff Pay Zone Depth (ft): See Attach for details

Gas: Initial open flow 59 MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow: 498 MCF/d Final open flow: _____

Time of open flow between initial and final tests _____ Hours

Static rock pressure 300 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: _____

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: Equitable Production Company

By: [Signature]

Date: 12/15/03

WYO 2206

EQUITABLE PRODUCTION COMPANY
 WR-35 COMPLETION REPORT - Attachment
 Well Treatment Summary

Well: WV-507886 - Plum Creek Timberlands

API# 47-109-02206

Date	05/12/03	05/12/03	05/12/03			
Type Frac Acid, N ₂ , Foam, Water	Variable Q Foam	Acid /N ²	Variable Q Foam			
Zone Treated	Gordon	Big Lime	Ravenciff			
# Perfs	20	20	25			
From - To:	4038' - 4067'	2897' - 3160'	1752' - 1764'			
BD Pressure @ psi	770	1070	1220			
ATP psi	2215	2440	2720			
Avg. Rate, B=B/M, S= SCF/M	32 B	24 B	32 B			
Max. Treat Press psi	2350	2820	2930			
ISIP psi	N/A	850	1120			
Frac Gradient	.43	.71	1.07			
10 min S-I Pressure	N/A	1910	1730			
Material Volume						
Sand-sks	409	0	323			
Water-bbl	200	25	185			
SCF N ₂	365,234	147,588	311,628			
Acid-gal	500 gals 15%	2500 gals 15.3%	500 gals 15%			
NOTES:						

TOP	BOTTOM	FORMATION	REMARKS
		COAL:	731' - 733'; 826' - 828'; 927' - 929'; 954' - 957' & 1045' - 1049'
1721	1765	RAVENCLIFF:	
1781	1823	AVIS:	GT @ 1810' = NS
1998	2050	UPPER MAXTON:	
2208	2287	MIDDLE MAXTON:	GT @ 1610', 2800', 3116', 3302' & 3519' = odor
2554	2622	LOWER MAXTON:	
2670	2750	LITTLE LIME:	GT @ 3706', 2/10 - 2" w/ water = 59 mcd
2785	3246	BIG LIME:	GT @ 3923' & 4078', 8/10 - 2" w/ water = 119 mcd
3881	3896	SUNBURY:	
3896	3911	BEREA:	
4038	4070	GORDON:	
	4171	TD:	