

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

MB

Well Operator's Report of Well Work

FARM NAME: Plum Creek Timberlands, L.P. OPERATOR WELL NO.: PC #62

LOCATION:

Elevation: 1,436.99' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 629 Feet South of 37 Deg. 22 Min. 30 Sec.
Longitude: 11,509 Feet West of 81 Deg. 47 Min. 30 Sec.

Company: <u>GeoMet Operating Company</u>	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
Address: 5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244	13-3/8"	53.84'	53.84'	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	10-3/4"	331'	331'	79/Pumped 168
Date Permit Issued: <u>October 2, 2002</u>				
Date Well Work Commenced: <u>December 2, 2002</u>	8-5/8"	492'	492'	203/Pumped 60
Date Well Work Completed: <u>February 12, 2003</u>				
Verbal Plugging:	5-1/2	1416'	1416'	245/Pumped 325
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig				
Total Depth (feet): <u>1431'</u>				
Fresh Water Depth (feet): <u>Unknown</u>				
Salt Water Depth (feet): <u>Unknown</u>				
Is coal being mined in area (N/Y)? <u>No</u>				

Coal Depths (feet): 558/561/594/605/606/615/644/706/790/791/861/862/886/1030/1032/1080/1146/1147

OPEN FLOW DATA

Producing formation All Zones Commingled Pay zone depth (ft) _____
 Gas: Initial Open Flow N/A MCF/d Oil: Initial Open Flow _____ Bbl/d
 Final Open Flow N/A MCF/d Final Open Flow _____ Bbl/d
 Time of Open Flow between initial and final tests N/A Hours
 Static Rock Pressure 150 psig (surface pressure) after 96 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.

SIGNED:

BY:

DATE:

Karen Rife
February 20, 2003

MAR 28 2003

McDOWELL 1715

API #: 47-4701715

Operator Well #: PC #062

Farm Name: Plum Creek Timberlands, L.P.

1.) Details of perforated intervals, fracturing or stimulating, physical change, etc.

1st Stage:

Perf P3, 1030' – 1034' & frac on 2/12/03 by Superior with 70Q Foam 5,300# 16/30 Sand, 147,000 SCF N2, 214 Total Bbls Fluid. Breakdown Pressure 3362 PSIG, Average Pressure 3700 PSI, 3920 ISIP

2nd Stage:

Perf P5, 885' – 888' & frac on 2/12/03 by Superior with 70Q Foam 26,500# 16/30 Sand, 532,000 SCF N2, 429 Total Bbls Fluid. Breakdown Pressure 3702 PSIG, Average Pressure 3260 PSI, 1503 ISIP

3rd Stage:

Perf P9, 788' – 791' & frac on 2/12/03 by Superior with 70Q Foam 20,000# 16/30 Sand, 299,000 SCF N2, 233 Total Bbls Fluid. Breakdown Pressure 3198 PSIG, Average Pressure 2888 PSI, 1344 ISIP

4th Stage:

Perf P9-7, 642' – 645'/Perf P9-8, 593' – 596' & frac on 2/12/03 by Superior with 70Q Foam 40,000# 16/30 Sand, 333,000 SCF N2, 309 Total Bbls Fluid. Breakdown Pressure 1844 PSIG, Average Pressure 2140 PSI, 1050 ISIP

5th Stage:

Perf P10, 558' – 561' & frac on 2/12/03 by Superior with 70Q Foam 31,000# 16/30 Sand, 184,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 2188 PSIG, Average Pressure 1605 PSI, 803 ISIP

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-062

LOCATION: DRY BRANCH DRILL: RIG # 23

DATE STARTED: 12-01-2002 DATE COMPLETED: 12-06-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	53.84	53.84	OVERBURDEN	53.84' W/ 13 3/8" CASING
53.84	59.00	5.16	SANDSTONE	
59.00	90.00	31.00	SAND / SANDY SHALE	
90.00	121.00	31.00	SANDY SHALE / COAL / SAND	
121.00	185.00	64.00	SANDY SHALE / SAND	
185.00	215.00	30.00	SAND / SANDY SHALE	
215.00	245.00	30.00	SANDY SHALE / COAL / SAND / SANDY SHALE STR	
245.00	275.00	30.00	SANDY SHALE / SAND STR / COAL / SHALE / SANDY SHALE	
275.00	305.00	30.00	SANDY SHALE STR / SAND	
305.00	335.00	30.00	SANDY SHALE / SAND STR / SANDY SHALE	331' W/ 10 3/4" CASING
335.00	350.00	15.00	SANDY SHALE / SAND	TD 12 1/2" HOLE
350.00	370.00	20.00	SAND	
370.00	400.00	30.00	SANDY SHALE / SAND	
400.00	430.00	30.00	SAND / SANDY SHALE STR	
430.00	450.00	20.00	SAND / SANDY SHALE	
450.00	460.00	10.00	COAL OR SHALE	VOID
460.00	475.00	15.00	SAND / SANDY SHALE	
475.00	490.00	15.00	SANDSTONE	
490.00	510.00	20.00	SAND / SANDY SHALE / SAND	492' W/ 8 5/8" CASING
510.00	540.00	30.00	SANDSTONE	
540.00	570.00	30.00	SAND / COAL STR / SANDY SHALE	
570.00	600.00	30.00	SANDY SHALE / SAND	
600.00	630.00	30.00	SAND / SANDY SHALE / SAND	
630.00	660.00	30.00	SANDSTONE	
660.00	690.00	30.00	SAND / SANDY SHALE	
690.00	720.00	30.00	SANDY SHALE / SAND	
720.00	750.00	30.00	SANDSTONE	
750.00	780.00	30.00	SAND / SANDY SHALE	
780.00	810.00	30.00	SANDY SHALE / SANDSTONE	
810.00	840.00	30.00	SANDSTONE / SANDY SHALE	
840.00	870.00	30.00	SANDY SHALE / SAND / SANDY SHALE	
870.00	900.00	30.00	SANDY SHALE / SANDSTONE	
900.00	930.00	30.00	SANDSTONE	
930.00	960.00	30.00	SANDSTONE / SANDY SHALE	
960.00	990.00	30.00	SANDY SHALE / COAL	
990.00	1020.00	30.00	SAND / SANDY SHALE / COAL / SHALE	
1020.00	1050.00	30.00	COAL / SANDY SHALE / COAL / SAND / SANDY SHALE	

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FROM	TO	FT.	DESCRIPTION
1050.00	1080.00	30.00	SANDY SH / COAL / SAND / SANDY SHALE
1080.00	1110.00	30.00	SANDY SH / COAL / SANDY SHALE / SAND
1110.00	1140.00	30.00	SAND / COAL / SANDY SHALE / COAL OR SHALE
1140.00	1170.00	30.00	SANDY SHALE / RED SHALE
1170.00	1200.00	30.00	SANDY SHALE STR / SAND
1200.00	1290.00	90.00	SAND / SANDY SHALE STR
1290.00	1320.00	30.00	RED SHALE / SANDY SHALE STR
1320.00	1380.00	60.00	SANDY SHALE / SAND STR
1380.00	1410.00	30.00	SANDY SHALE / SHALE
1410.00	1425.00	15.00	SHALE / SANDY SHALE TD 7 7/8" HOLE 1415.5' W/ 5 1/2" CASING

1425.00 FT. TOTAL DEPTH
 53.84 FT. OF 13 3/8" CASING
 331.00 FT. OF 10 3/4" CASING
 492.00 FT. OF 8 5/8" CASING
 1415.50 FT. OF 5 1/2" CASING