

AB

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

Well Operator's Report of Well Work

FARM NAME: Plum Creek Timberlands, L.P.

OPERATOR WELL NO.: PC #018

LOCATION:

Elevation: 2107.47 Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 7703 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 14,848 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: <u>5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244</u>	<u>13-3/8"</u>	<u>20.25'</u>	<u>20.25'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>8-5/8"</u>	<u>330'</u>	<u>330'</u>	<u>136/Pumped 198</u>
Date Permit Issued: <u>March 12, 2002</u>				
Date Well Work Commenced: <u>May 17, 2002</u>	<u>5-1/2"</u>	<u>2005'</u>	<u>2005'</u>	<u>347/Pumped 390</u>
Date Well Work Completed: <u>September 12, 2002</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>2045'</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>				

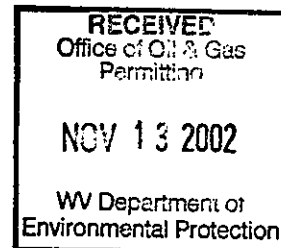
Coal Depths (feet): 526/606/647/732/798/839/1083/1131/1148/1189/1251/1332/1366/1392/1460/1465/1538/1635/1708

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 270 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: *Karen Rife*
DATE: 12-18-2002



McDOW 1018 C

JAN 17 2003

API #: 47-01618C
Operator Well #: PC #018
Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

Perf P1, 1726' – 1730'/Perf P2, 1709' – 1715' & frac on 9/12/02 by Superior with 70Q Foam 31,400 16/30 Sand, 315,000 SCF N2, 257 Total Bbbs Fluid. Breakdown Pressure 2910 PSIG, Average Pressure 2164 PSI, 1169 ISIP

2nd Stage:

Perf P2-1, 1636' – 1640' & frac on 9/12/02 by Superior with 70Q Foam 10,000 16/30 Sand, 157,000 SCF N2, 103 Total Bbbs Fluid. Breakdown Pressure 2268 PSIG, Average Pressure 2765 PSI, 1630 4000 ISIP

3rd Stage:

Perf P3, 1585' – 1591' & frac on 9/12/02 by Superior with 70Q Foam 0 16/30 Sand, 9,000 SCF N2, 595 Total Bbbs Fluid. Breakdown Pressure 3288 PSIG, Average Pressure 3850 PSI, 3400 ISIP

4th Stage:

Perf P4, 1540' – 1544' & frac on 9/12/02 by Superior with 70Q Foam 42,800 16/30 Sand, 366,000 SCF N2, 286 Total Bbbs Fluid. Breakdown Pressure 2926 PSIG, Average Pressure 2788 PSI, 1370 ISIP

5th Stage:

Perf P4-4, 1486' – 1488'/Perf P4-5, 1461' – 1467' & frac on 9/12/02 by Superior with 70Q Foam 42,800 16/30 Sand, 340,000 SCF N2, 262 Total Bbbs Fluid. Breakdown Pressure 3055 PSIG, Average Pressure 2555 PSI, 1132 ISIP

6th Stage:

Perf P6, 1393' – 1395' & frac on 9/12/02 by Superior with 70Q Foam 31,400 16/30 Sand, 222,000 SCF N2, 214 Total Bbbs Fluid. Breakdown Pressure 2487 PSIG, Average Pressure 2578 PSI, 1637 ISIP

7th Stage:

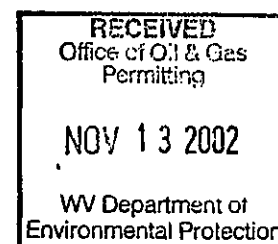
Perf P9-6, 1189' – 1193' & frac on 9/12/02 by Superior with 70Q Foam 21,800 16/30 Sand, 172,000 SCF N2, 143 Total Bbbs Fluid. Breakdown Pressure 3759 PSIG, Average Pressure 2388 PSI, 1141 ISIP

8th Stage:

Perf P9-8, 1148' – 1152'/P9-9, 1132' – 1134', 3800#. No Breakdown – No Treatment

9th Stage:

Perf P-10, 1083' – 1087' & frac on 9/12/02 by Superior with 70Q Foam 31,800 16/30 Sand, 273,000 SCF N2, 190 Total Bbbs Fluid. Breakdown Pressure 2356 PSIG, Average Pressure 2692 PSI, 0 ISIP



DRILL DATA HOLE – NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO

HOLE NO.: GPPC-018

LOCATION: PEA PATCH

DRILL: RIG # 45

DATE STARTED: 05-17-2002

DATE COMPLETED: 05-20-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	15.00	15.00	OVERBURDEN	
15.00	20.00	5.00	SANDY SHALE / COAL STR / SAND	
20.00	37.00	17.00	SANDY SHALE/SAND 20.25' W/ 13 3/8" CASING	
37.00	68.00	31.00	SAND / SANDY SHALE STR	
68.00	99.00	31.00	SAND / SANDY SHALE BROKE-UP 97'-98'	
99.00	130.00	31.00	SANDY SHALE / SAND STR	
130.00	222.00	92.00	SANDY SHALE	
222.00	252.00	30.00	SAND	
252.00	282.00	30.00	SANDY SHALE	
282.00	342.00	60.00	SAND 330' W/ 8 5/8" CASING	
342.00	365.00	23.00	SANDY SHALE	
365.00	395.00	30.00	SAND	
395.00	425.00	30.00	SANDY SHALE	
425.00	455.00	30.00	SAND	
455.00	515.00	60.00	SANDY SHALE	
515.00	545.00	30.00	SAND	
545.00	605.00	60.00	SANDY SHALE	
605.00	635.00	30.00	SANDY SHALE / COAL	
635.00	665.00	30.00	SANDY SHALE	
665.00	695.00	30.00	SAND	
695.00	725.00	30.00	SANDY SHALE	
725.00	755.00	30.00	SAND	
755.00	815.00	60.00	SANDY SHALE	
815.00	845.00	30.00	SAND	
845.00	935.00	90.00	SANDY SHALE	
935.00	965.00	30.00	SANDY SHALE / COAL	
965.00	995.00	30.00	SAND	
995.00	1025.00	30.00	SANDSTONE	
1025.00	1055.00	30.00	SANDY SHALE / COAL STR	
1055.00	1085.00	30.00	SANDY SHALE / COAL 1082'-1085'	
1085.00	1115.00	30.00	SANDY SHALE / COAL 1110'-1112' / SHALE	
1115.00	1145.00	30.00	SANDY SHALE / COAL 1125'-1127' / SHALE COAL 1131'	
1145.00	1175.00	30.00	SANDY SHALE / COAL 1160'-1162'	
1175.00	1205.00	30.00	SANDY SHALE / COAL 1190'-1191' / SAND STR	
1205.00	1235.00	30.00	SAND STR / SANDY SHALE	
1235.00	1265.00	30.00	SANDY SHALE / COAL 1250'-1252'	
1265.00	1295.00	30.00	SANDY SHALE / COAL 1290'-1292'	
1295.00	1325.00	30.00	SANDY SHALE / COAL STR 1323'-1325'	
1325.00	1355.00	30.00	SANDY SHALE / COAL STR 1335'	
1355.00	1385.00	30.00	SANDY SHALE / COAL STR 1370' & 1380'	
1385.00	1415.00	30.00	SANDY SHALE / COAL 1395'-1397'	

RECEIVED
 Office of Oil & Gas
 Permitting

NOV 13 2002

 WV Department of
 Environmental Protection

JAN 17 2003

M-C Down 1/18 C

FROM	TO	FT.	DESCRIPTION
1415.00	1445.00	30.00	SANDY SHALE
1445.00	1475.00	30.00	SANDY SHALE / COAL STR 1460'-1462' & 1465' / SAND STR
1475.00	1505.00	30.00	SANDY SHALE
1505.00	1535.00	30.00	SANDY SHALE / SAND
1535.00	1565.00	30.00	SAND / COAL 1540'-1544' / SANDY SHALE
1565.00	1595.00	30.00	SANDY SHALE / COAL STR 1585'
1595.00	1625.00	30.00	SANDY SHALE / SAND
1625.00	1655.00	30.00	SAND / COAL 1635'-1639' / SANDY SHALE
1655.00	1685.00	30.00	SANDY SHALE / SAND
1685.00	1715.00	30.00	SAND / SANDY SHALE / COAL 1705'-1708'
1715.00	1745.00	30.00	SHALE / COAL 1720'-1722' & 1730'-1732' / SANDY SHALE
1745.00	1775.00	30.00	SANDY SHALE
1775.00	1865.00	90.00	SAND / SANDY SHALE STR
1865.00	1895.00	30.00	SANDY SHALE /
1895.00	1925.00	30.00	SHALE / SAND / SANDY SHALE STR
1925.00	1955.00	30.00	SANDY SHALE
1955.00	2015.00	60.00	SANDY SHALE / SHALE STR
2015.00	2045.00	30.00	SANDY SHALE / SHALE

2045.00 FT. TOTAL DEPTH
20.25 FT. OF 13 3/8" CASING
330.00 FT. OF 8 5/8" CASING

