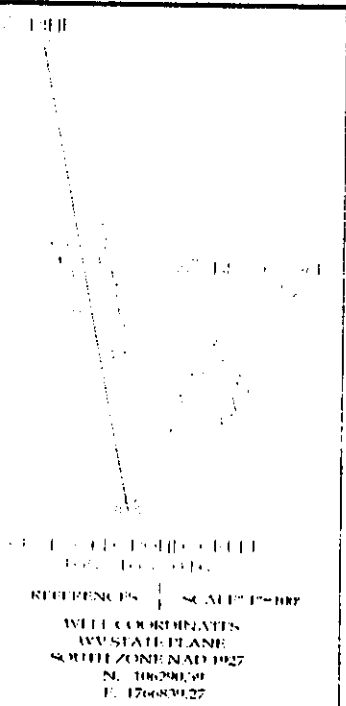


(+) DENOTES LOCATION OF WELL ON 7.5' TOPOGRAPHIC MAP



TEE Engineering Company, Inc.
 1201 Union Hill Court
 Lexington, KY 40509
 (606) 263-3361
 Fax (606) 263-3363

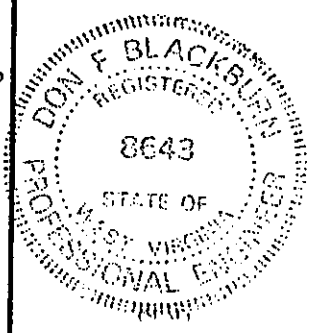
GeoMet Operating Company, Inc.
 Well No. Pond Creek 105-103-016

FILE NO. 1925-11
 DRAWING NO. WELL 16 PLAT
 SCALE: 1" = 2,000'
 MIN. DEGREE OF ACCURACY 1:2,500
 PROVEN SOURCE OF ELEVATION
 GPS STATION TEC-1 (ELEV. 2406.60)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

Don F. Blackburn
 (SIGNATURE)

R.P.E. 8643 R.P.S.



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

DATE: FEBRUARY 5, 2002
 OPERATOR'S WELL NO.: POND CREEK 105-103-016

WELL NO. 47 STATE 047 COUNTY PERMIT. 01615C

WELL TYPE: OIL GAS X CBM LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION X STORAGE DEEP SHALLOW

LOCATION: ELEVATION 2,159.39' WATER SHED ADLRICH FORK OF BRADSHAW CREEK
 DISTRICT SANDY RIVER COUNTY McDOWELL
 QUADRANGLE BRADSHAW

SURFACE OWNER PLUM CREEK TIMBERLANDS, L.P. ACREAGE 9,909.37
 CBM ROYALTY OWNER PLUM CREEK TIMBERLANDS, L.P. LEASE ACREAGE 9,909.37
 LEASE NO. RECORDING IN PROGRESS

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE FOR
 STIMULATE PLUG OFF OLD FORMATION PLUG OFF NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 1945'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT GREGG CLEARY
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 3206 ADDRESS 1105 HEATHERWOOD ROAD
 BIRMINGHAM, ALABAMA 35244 BLUEFIELD, WV 24701

MAR 15 2002

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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 #016

LOCATION:

Elevation: 2159.39 Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 2834 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude: 1926 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>21.45'</u>	<u>21.45'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>8-5/8"</u>	<u>321'</u>	<u>321'</u>	<u>133/Pumped 192</u>
Date Permit Issued: <u>March 12, 2002</u>				
Date Well Work Commenced: <u>June 25, 2002</u>	<u>5-1/2"</u>	<u>1955.09</u>	<u>1955.09</u>	<u>339/Pumped 390</u>
Date Well Work Completed: <u>September 10, 2002</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>2040'</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>				

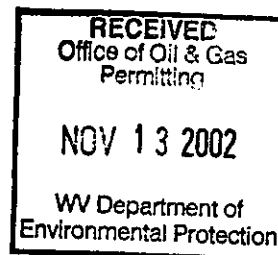
Coal Depths (feet): 545/617/743/860/1120/1157/1170/1189/1376/1401/1429/1505/1584/1630/1635/1756/1760

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 310 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 Rye
DATE: 12-18-2002



JAN 17 2003

M = DOW 1617C

API #: 47-01617C

Operator Well #: PC #016

Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

Perf P2, 1772' – 1776' & frac on 9/10/02 by Superior with 70Q Foam 38,200 16/30 Sand, 276,000 SCF N2, 233 Total Bbls Fluid. Breakdown Pressure 3630 PSIG, Average Pressure 2482 PSI, 1736 ISIP

2nd Stage:

Perf P3, 1638' – 1642'/1632' – 1636' & frac on 9/10/02 by Superior with 70Q Foam 30,600 16/30 Sand, 193,000 SCF N2, 186 Total Bbls Fluid. Breakdown Pressure 3662 PSIG, Average Pressure 2282 PSI, 1630 ISIP

3rd Stage:

Perf P4, 1586' – 1590' & frac on 9/10/02 by Superior with 70Q Foam 32,100 16/30 Sand, 255,000 SCF N2, 186 Total Bbls Fluid. Breakdown Pressure 2808 PSIG, Average Pressure 2970 PSI, 1934 ISIP

4th Stage:

Perf P4-5, 1506' – 1510' & frac on 9/10/02 by Superior with 70Q Foam 21,500 16/30 Sand, 163,000 SCF N2, 148 Total Bbls Fluid. Breakdown Pressure 1940 PSIG, Average Pressure 2120 PSI, 1568 ISIP

5th Stage:

Perf P6-5, 1432' – 1434'/Perf P9, 1403' – 1405'/Perf P9-4, 1378' – 1380' & frac on 9/10/02 by Superior with 70Q Foam 41,000 16/30 Sand, 289,000 SCF N2, 262 Total Bbls Fluid. Breakdown Pressure 2744 PSIG, Average Pressure 2062 PSI, 1401 ISIP

6th Stage:

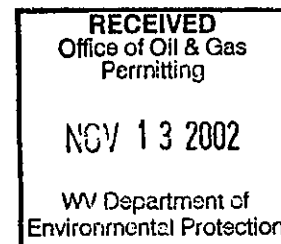
Perf P9-6, 1232' – 1236' & frac on 9/10/02 by Superior with 70Q Foam 14,000 16/30 Sand, 291,000 SCF N2, 286 Total Bbls Fluid. Breakdown Pressure 2965 PSIG, Average Pressure 2860 PSI, 4000 ISIP

7th Stage:

Perf P9-8, 1191' – 1193'/Perf P9-9, 1173' – 1175'/Perf P9-9, 1159' – 1161' & frac on 9/10/02 by Superior with 70Q Foam 4,800 16/30 Sand, 22,000 SCF N2, 143 Total Bbls Fluid. Breakdown Pressure 3710 PSIG, Average Pressure 2974 PSI, 4000 ISIP

8th Stage:

Perf P10, 1123' – 1127' & frac on 9/10/02 by Superior with 70Q Foam 27,800 16/30 Sand, 325,000 SCF N2, 212 Total Bbls Fluid. Breakdown Pressure 3950 PSIG, Average Pressure 2742 PSI, 1734 ISIP



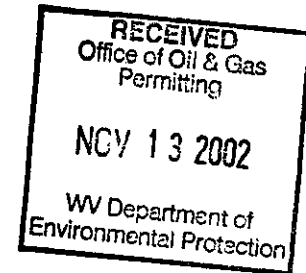
DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-016

LOCATION: PEA PATCH DRILL: RIG # 45

DATE STARTED: 06-25-2002 DATE COMPLETED: 06-28-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	15.00	15.00	OVERBURDEN	21.45' W/ 13 3/8" CASING
15.00	22.00	7.00	SANDY SHALE / SAND	
22.00	36.00	14.00	SANDSTONE	
36.00	144.00	108.00	SAND	
144.00	156.00	12.00	SANDY SHALE / SAND STR	
156.00	186.00	30.00	SAND STR / COAL 161'-163' / SAND / SANDY SHALE / COAL 184'-186'	
186.00	216.00	30.00	SAND / SANDY SHALE STR /	
216.00	246.00	30.00	SAND / SANDY SHALE STR / COAL 240'-246'	
246.00	276.00	30.00	SANDY SHALE / SAND	
276.00	306.00	30.00	SAND / SANDY SHALE / COAL STR 290' / SAND	
306.00	336.00	30.00	321' W/ 8 5/8" CASING	
336.00	360.00	24.00	SANDY SHALE	
360.00	420.00	60.00	SAND	
420.00	480.00	60.00	SANDY SHALE	
480.00	510.00	30.00	SAND	
510.00	600.00	90.00	SANDY SHALE	
600.00	630.00	30.00	SANDY SHALE / COAL	
630.00	690.00	60.00	SANDY SHALE	
690.00	720.00	30.00	SAND	
720.00	750.00	30.00	SANDY SHALE	
750.00	780.00	30.00	SAND	
780.00	810.00	30.00	SANDY SHALE	
810.00	840.00	30.00	SAND	
840.00	870.00	30.00	SAND / COAL 858'-860' / SANDY SHALE	
870.00	900.00	30.00	SANDY SHALE / SAND	
900.00	930.00	30.00	SAND / SANDY SHALE / SAND	
930.00	960.00	30.00	SANDY SHALE / COAL 937'-938' / SHALE / COAL STR 943' / SAND	
960.00	990.00	30.00	SAND / SANDY SHALE STR	
990.00	1020.00	30.00	SANDY SHALE STR / SAND	
1020.00	1050.00	30.00	SAND STR / SANDY SHALE	
1050.00	1080.00	30.00	SAND / POSS. COAL / SANDY SHALE / SAND	
1080.00	1110.00	30.00	SAND / SANDY SHALE	
1110.00	1140.00	30.00	SANDY SHALE / COAL 1120'-1122' / SAND	
1140.00	1170.00	30.00	SAND / COAL 1165'-1168' / SANDY SHALE	
1170.00	1200.00	30.00	SANDY SHALE / COAL 1185'-1187' / SANDY SHALE	
1200.00	1230.00	30.00	SANDY SHALE / SAND / COAL 1226'-1228'	
1230.00	1260.00	30.00	SANDY SHALE / SAND / SANDY SHALE	
1260.00	1290.00	30.00	SANDY SHALE / POSS. COAL 1275' / SAND	
1290.00	1320.00	30.00	SAND / SANDY SHALE	



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 GEOMET OPERATING CO
 GPPC-016

FROM	TO	FT.	DESCRIPTION
1320.00	1350.00	30.00	SAND / SANDY SHALE / SAND
1350.00	1380.00	30.00	SANDY SHALE / SAND
1380.00	1410.00	30.00	SAND / SANDY SHALE / COAL 1397'-1399'
1410.00	1440.00	30.00	SAND STR / SANDY SHALE / COAL 1415'-1417'
1440.00	1470.00	30.00	SANDY SHALE / SAND / SANDY SHALE
1470.00	1500.00	30.00	SAND / SANDY SHALE / COAL 1495'-1496'
1500.00	1530.00	30.00	COAL 1503'-1505' / SANDY SHALE / SHALE / COAL STR 1527'
1530.00	1560.00	30.00	SANDY SHALE / COAL STR 1545' / SANDY SHALE / SAND
1560.00	1590.00	30.00	SAND / SANDY SHALE COAL / SHALE 1585'-1587'
1590.00	1620.00	30.00	SAND / SANDY SHALE
1620.00	1650.00	30.00	SANDY SHALE / COAL STR 1625'-1630' / SANDY SHALE / SAND STR
1650.00	1680.00	30.00	SANDY SHALE / SAND STR
1680.00	1710.00	30.00	SAND / SANDY SHALE
1710.00	1740.00	30.00	SAND / SANDY SHALE / SAND
1740.00	1770.00	30.00	SAND STR / SANDY SHALE / COAL 1755'-1757' /
1770.00	1800.00	30.00	SANDY SHALE
1800.00	1830.00	30.00	SANDY SHALE / SAND STR
1830.00	1860.00	30.00	SANDY SHALE / SAND
1860.00	1890.00	30.00	SANDY SHALE STR / SAND
1890.00	1920.00	30.00	SANDY SHALE / RED SHALE
1920.00	1950.00	30.00	SANDY SHALE
1950.00	1980.00	30.00	SANDY SHALE / RED SHALE
1980.00	2010.00	30.00	SANDY SHALE
2010.00	2040.00	30.00	SAND TD 7 7/8" HOLE

2040.00 FT. TOTAL DEPTH
 21.45 FT. OF 13 3/8" CASING
 321.00 FT. OF 8 5/8" CASING

