

14" WHITE OAK
 N 61°39'37" E 120.33'
 S 88°46'42" E 159.30'
 12" POPLAR
 PROPOSED POND CREEK
 108-108-037

REFERENCES | SCALE: 1"=100'
 WELL COORDINATES
 WV STATE PLANE
 SOUTH ZONE NAD 1927
 N. 114830.49
 E. 177289.96

TEE Engineering Company, Inc.
 120 Custer Hill Court
 Lexington, KY 40519
 (859) 263-5350
 Fax (859) 261-5345

P.O. Box 219
 Searsville, KY 41659
 (406) 478-9124
 Fax (606) 478-9019

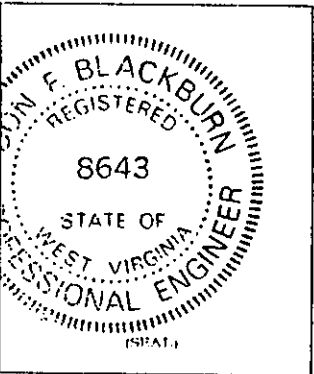
GeoMet Operating Company, Inc.
 Well No. Pond Creek 108-108-037

FILE NO. 1883-08
 DRAWING NO. WELL 37 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

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

LOCATION: ELEVATION 1,791.26' WATER SHED HITE 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 CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 1,653'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT GREGG CLEARY
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 3206 BIRMINGHAM, ALABAMA 35244 ADDRESS 1105 HEATHERWOOD ROAD BLUEFIELD, WV 24701

DATE JUNE 7, 2002
 OPERATOR'S WELL NO. POND CREEK 108-108-037
 API WELL NO. 47 - 047 - 01698-C
 STATE COUNTY PERMIT

6-6 Bradshaw cbm (883)

McDowell 1698 C

Ant

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 #37

LOCATION:

Elevation: 1,791.26' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 8,969 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 7,505 Feet West of 81 Deg. 45 Min. 00 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>48'</u>	<u>48'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>8-5/8"</u>	<u>335'</u>	<u>335'</u>	<u>138/Pumped 180</u>
Date Permit Issued: <u>March 12, 2002</u>				
Date Well Work Commenced: <u>September 30, 2002</u>	<u>5-1/2"</u>	<u>1658'</u>	<u>1658'</u>	<u>287/Pumped 332</u>
Date Well Work Completed: <u>December 8, 2002</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>1665'</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):

341/435/498/539/659/806/807/808/810/849/857/868/908/957/1047/1049/1050/1051/1065/1087/1127/1218/1287/1339/1397/1400/1417/1629

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 200 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 Rice
February 20, 2003

MAR 28 2003

MCDOWELL 1698

API #: 47-4701698

Operator Well #: PC #037

Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

Perf P3, 1282' – 1288' & frac on 12/08/02 by Superior with 70Q Foam 26,100# 16/30 Sand, 347,000 SCF N2, 179 Total Bbls Fluid. Breakdown Pressure 3323 PSIG, Average Pressure 2810 PSI, 1380 ISIP

2nd Stage:

Perf P4, 1217' – 1220' & frac on 12/08/02 by Superior with 70Q Foam 11,000# 16/30 Sand, 209,000 SCF N2, 107 Total Bbls Fluid. Breakdown Pressure 3865 PSIG, Average Pressure 3090 PSI, 1412 ISIP

3rd Stage:

Perf P5, 1127' – 1130' & frac on 12/08/02 by Superior with 70Q Foam 11,100# 16/30 Sand, 176,000 SCF N2, 119 Total Bbls Fluid. Breakdown Pressure 2565 PSIG, Average Pressure 2510 PSI, 1553 ISIP

4th Stage:

Perf P6, 1087' – 1090' & frac on 12/08/2002 by Superior with 70Q Foam 18,000# 16/30 Sand, 210,000 SCF N2, 119 Total Bbls Fluid. Breakdown Pressure 2860 PSIG, Average Pressure 2580 PSI, 1147 ISIP

5th Stage:

Perf P9, 1047' – 1053' & frac on 12/08/2002 by Superior with 70Q Foam 40,000# 16/30 Sand, 348,000 SCF N2, 238 Total Bbls Fluid. Breakdown Pressure 2749 PSIG, Average Pressure 2620 PSI, 1117 ISIP

6th Stage:

Perf P9-7, 850' – 853' & frac on 12/08/2002 by Superior with 70Q Foam 22,000# 16/30 Sand, 180,000 SCF N2, 143 Total Bbls Fluid. Breakdown Pressure 2642 PSIG, Average Pressure 2340 PSI, 1380 ISIP

7th Stage:

Perf P10, 808' – 812' & frac on 12/08/2002 by Superior with 70Q Foam 39,000# 16/30 Sand, 335,000 SCF N2, 202 Total Bbls Fluid. Breakdown Pressure 2379 PSIG, Average Pressure 2930 PSI, 1620 ISIP

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-037

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 23

DATE STARTED: 09-30-2002 DATE COMPLETED: 10-03-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	48.00	48.00	OVERBURDEN	48' W/ 13 3/8" CASING
48.00	60.00	12.00	SANDSTONE	
60.00	90.00	30.00	SAND / COAL STR / SAND	
90.00	120.00	30.00	SANDSTONE	
120.00	150.00	30.00	SAND / SANDY SHALE / SAND	
150.00	180.00	30.00	SAND / COAL STR / SAND	
180.00	210.00	30.00	SAND / SANDY SHALE STR	
210.00	240.00	30.00	SANDY SHALE / COAL STR / SAND	
240.00	270.00	30.00	SAND / SANDY SHALE / COAL 255'-257' / SAND	
				SANDY SHALE STR
270.00	300.00	30.00	SANDY SHALE / SAND STR / SANDY SHALE	
300.00	330.00	30.00	SANDY SHALE / SHALE / SANDY SHALE	
330.00	345.00	15.00	SAND / SANDY SHALE 335' W/ 8 5/8" CASING	
345.00	360.00	15.00	SAND / SANDY SHALE	
360.00	390.00	30.00	SANDY SHALE / COAL STR / SAND	
390.00	420.00	30.00	SANDSTONE	
420.00	450.00	30.00	SAND / COAL STR / SANDY SHALE	
450.00	480.00	30.00	SANDY SHALE / COAL STR / SAND	
480.00	510.00	30.00	SANDY SHALE / COAL STR / SANDY SHALE	
510.00	540.00	30.00	SANDY SHALE	
540.00	570.00	30.00	COAL STR / SANDY SHALE / SAND	
570.00	600.00	30.00	SAND / SANDY SHALE	
600.00	630.00	30.00	SANDY SHALE	
630.00	660.00	30.00	COAL STR / SANDY SHALE	
660.00	690.00	30.00	SANDY SHALE / SAND / COAL STR	
690.00	750.00	60.00	SANDSTONE	
750.00	810.00	60.00	SANDSTONE / COAL	
810.00	870.00	60.00	SANDSTONE	
870.00	900.00	30.00	SAND / SANDY SHALE	
900.00	930.00	30.00	SANDSTONE	
930.00	1020.00	90.00	SANDY SHALE	
1020.00	1050.00	30.00	SANDSTONE / SANDY SHALE / COAL	
1050.00	1110.00	60.00	SANDY SHALE	
1110.00	1140.00	30.00	SANDSTONE	
1140.00	1170.00	30.00	SANDSTONE / SANDY SHALE	
1170.00	1200.00	30.00	SANDSTONE	
1200.00	1230.00	30.00	SAND / SANDY SHALE / SAND	
1230.00	1260.00	30.00	SANDSTONE	
1260.00	1290.00	30.00	SAND / SANDY SHALE	
1290.00	1320.00	30.00	SANDY SHALE	
1320.00	1350.00	30.00	SANDY SHALE / COAL STR / SAND	
1350.00	1380.00	30.00	SANDSTONE	

M. D. W. 1/98

MAR 28 2003

FROM	TO	FT.	DESCRIPTION
1380.00	1410.00	30.00	SAND / SANDY SHALE
1410.00	1440.00	30.00	SANDY SHALE
1440.00	1470.00	30.00	SAND / SANDY SHALE
1470.00	1500.00	30.00	SAND / SANDY SHALE / SAND
1500.00	1530.00	30.00	SANDY SHALE / SAND
1530.00	1560.00	30.00	SAND / SHALE STR / SAND
1560.00	1590.00	30.00	SANDY SHALE / SAND
1590.00	1620.00	30.00	SAND / SANDY SHALE / RED SHALE
1620.00	1650.00	30.00	RED SHALE / SANDY SHALE
1650.00	1665.00	15.00	SANDSTONE TD 8" HOLE

1665.00 FT. TOAL DEPTH
48.00 FT. OF 13 3/8" CASING
335.00 FT. OF 8 5/8" CASING