

PROPOSED POND CREEK 106-111-053

N 54°32'02" W
8" POPLAR
S 80°38'43" W
10" SCALEY BARK HICKORY

REFERENCES	SCALE 1"=100'
WELL COORDINATES WV STATE PLANE SOUTH ZONE NAD 1927 N. 122030.61 E. 1769891.78	

TEE Engineering Company, Inc.
320 Cutlers Hill Court
Lexington, KY 40509
(859) 263-5330
Fax (859) 263-5345

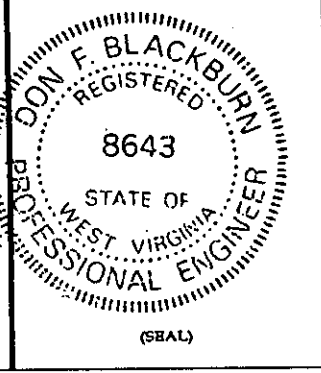
GeoMet Operating Company, Inc.
Well No. Pond Creek 106-111-053

FILE NO. 1925-11
DRAWING NO. WELL 53 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 MAY 6, 2002
OPERATOR'S WELL NO. POND CREEK 106-111-053

API WELL NO. 47 - 047 - 016750
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2,241.28' WATER SHED LITTLE SLATE CREEK
DISTRICT BIG CREEK 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 2,156'
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

Mc Dow 1675C

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

M. 93

Well Operator's Report of Well Work

FARM NAME: Plum Creek Timberlands, L.P. OPERATOR WELL NO.: PC #53

LOCATION:

Elevation: 2,241.28' Quadrangle: Bradshaw

District: Big Creek County: McDowell
Latitude: 12,031 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 330 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>22'</u>	<u>22'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>10-3/4"</u>	<u>310'</u>	<u>310'</u>	<u>74/Pumped 78</u>
Date Permit Issued: <u>July 5, 2002</u>				
Date Well Work Commenced: <u>August 7, 2002</u>	<u>8-5/8"</u>	<u>1263'</u>	<u>1263'</u>	<u>521/Pumped 180</u>
Date Well Work Completed: <u>October 25, 2002</u>				
Verbal Plugging:	<u>5-1/2"</u>	<u>2086'</u>	<u>2086'</u>	<u>362/Pumped 410</u>
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>2156'</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): 1330/1409/1563/1645/1791/2079

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: Karen Rye
DATE: 1-3-2003

FEB 27 2003

McDow 1675C

API #: 47-01675C

Operator Well #: PC #053

Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

Perf P3, 1784' – 1790' & frac on 10/25/02 by Superior with 70Q Foam 37,000# 16/30 Sand, 299,000 SCF N2, 226 Total Bbls Fluid. Breakdown Pressure 3157 PSIG, Average Pressure 2551 PSI, 1338 ISIP

2nd Stage:

Perf P5, 1642' – 1648' & frac on 10/25/02 by Superior with 70Q Foam 5,500# 16/30 Sand, 252,000 SCF N2, 131 Total Bbls Fluid. Breakdown Pressure 3236 PSIG, Average Pressure PSI, ISIP, SCREENED OUT

3rd Stage:

Perf P6-5, 1564' – 1588' & frac on 10/25/02 by Superior with 70Q Foam 33,000# 16/30 Sand, 334,000 SCF N2, 262 Total Bbls Fluid. Breakdown Pressure 2950 PSIG, Average Pressure 3164 PSI, 1450 ISIP

4th Stage:

Perf P9-7, 1382' – 1408' & frac on 10/25/02 by Superior with 70Q Foam 33,000# 16/30 Sand, 216,000 SCF N2, 202 Total Bbls Fluid. Breakdown Pressure 3579 PSIG, Average Pressure 2130 PSI, 1400 ISIP

5th Stage:

Perf P10, 1326' – 1329' & frac on 10/25/02 by Superior with 70Q Foam 40,000# 16/30 Sand, 264,000 SCF N2, 238 Total Bbls Fluid. Breakdown Pressure 3027 PSIG, Average Pressure 2099 PSI, 1160 ISIP

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-053

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 45

DATE STARTED: 08-07-2002 DATE COMPLETED: 08-10-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	20.45	20.45	SANDY SHALE / SAND	
			20.45' W/ 13 3/8" CASING	
20.45	30.00	9.55	SAND / SANDY SHALE	
30.00	61.00	31.00	SANDY SHALE / SAND / SANDY SHALE	
61.00	92.00	31.00	SANDY SHALE / SAND / COAL 90'	✓
92.00	123.00	31.00	SANDY SHALE / COAL 94' / SANDY SHALE / SAND	✓
123.00	154.00	31.00	SAND / SANDY SHALE	
154.00	184.00	30.00	SANDY SHALE / SAND / SANDY SHALE	
184.00	214.00	30.00	SAND / SANDY SHALE / COAL 204'-207'	✓
214.00	244.00	30.00	SANDY SHALE / SAND	
244.00	304.00	60.00	SANDSTONE	
304.00	334.00	30.00	SAND 310' W/ 10 3/4" CASING	
334.00	364.00	30.00	SAND / SANDY SHALE / COAL 350'	✓
364.00	394.00	30.00	SANDY SHALE / SAND / SANDY SHALE STR	
394.00	424.00	30.00	SAND / COAL 410'-412' / SANDY SHALE / SAND	✓
424.00	454.00	30.00	SAND / COAL 440'-442' / SANDY SHALE / SAND	✓
454.00	484.00	30.00	SANDSTONE	
484.00	514.00	30.00	SAND / COAL 485'-487' / SANDY SHALE / SAND	✓
			COAL 508'-510' / SANDY SHALE	✓
514.00	544.00	30.00	SANDY SHALE / COAL 518'-520' / SANDY SHALE	✓
			COAL 530' / SANDY SHALE	✓
544.00	574.00	30.00	COAL 546' / SANDY SHALE / SAND STR / COAL 560' / SANDY SHALE	✓
574.00	604.00	30.00	SANDY SHALE	
604.00	634.00	30.00	SANDY SHALE STR / SANDSTONE	
634.00	664.00	30.00	SANDSTONE	
664.00	724.00	60.00	SAND / SANDY SHALE STR	
724.00	754.00	30.00	SAND / SANDY SHALE	
754.00	784.00	30.00	SANDY SHALE	
784.00	814.00	30.00	SAND STR / COAL 790' / SANDY SH / SAND STR	✓
814.00	844.00	30.00	SANDY SHALE / SAND / SANDY SHALE	
844.00	874.00	30.00	SANDY SHALE / COAL 855' / SANDY SHALE / SAND	
874.00	904.00	30.00	SAND / SANDY SHALE / SAND	
904.00	934.00	30.00	SAND / COAL 916'-918' / SANDY SHALE / SAND	✓
934.00	964.00	30.00	SAND / SANDY SHALE STR	
964.00	994.00	30.00	SAND / COAL 982'-984' / SANDY SHALE	✓
994.00	1024.00	30.00	SANDY SHALE / COAL 1007'-1009' / SAND / SANDY SHALE	✓
1024.00	1054.00	30.00	SANDY SHALE / COAL 1040'-1042' / SANDY SHALE / SAND STR	✓

FEB 27 2003

McDow 1675 C

FROM	TO	FT.	DESCRIPTION
1054.00	1084.00	30.00	SANDY SHALE / COAL 1070'-1072' / SANDY SHALE / SAND STR
1084.00	1114.00	30.00	SANDY SHALE / SAND STR
1114.00	1144.00	30.00	SANDY SHALE / SAND / SANDY SHALE
1144.00	1174.00	30.00	SANDY SHALE / SAND STR
1174.00	1201.00	27.00	SANDY SHALE
1201.00	1204.00	3.00	BROKE-UP
1204.00	1284.00	80.00	SAND
1284.00	1290.00	6.00	SAND / SANDY SHALE STR
			1263.3' W / 8 5/8" CASING
1290.00	1350.00	60.00	SANDY SHALE
1350.00	1410.00	60.00	SANDY SHALE / COAL
1410.00	1530.00	120.00	SANDY SHALE
1530.00	1560.00	30.00	SAND
1560.00	1590.00	30.00	SANDY SHALE / COAL
1590.00	1620.00	30.00	SAND
1620.00	1680.00	60.00	SANDY SHALE
1680.00	1740.00	60.00	SAND
1740.00	1860.00	120.00	SANDY SHALE
1860.00	1890.00	30.00	SAND
1890.00	1920.00	30.00	SAND / COAL 1910' / SANDY SHALE
1920.00	1950.00	30.00	SANDY SHALE / SAND
1950.00	1980.00	30.00	SAND / SANDY SH / COAL STR 1917' / SAND
1980.00	2010.00	30.00	SANDY SHALE / SAND
2010.00	2040.00	30.00	SAND
2040.00	2070.00	30.00	SANDY SHALE / SAND / COAL 2060'-2062' / RED SHALE
2070.00	2100.00	30.00	SAND / SANDY SHALE / RED SHALE /
2100.00	2130.00	30.00	SAND / SANDY SHALE / RED SHALE 2120'-2123' / SAND
2130.00	2165.00	35.00	SANDY SHALE / RED SHALE TD 8" HOLE

2165.00 FT. TOTAL DEPTH
 20.45 FT. OF 13 3/8" CASING
 310.00 FT. OF 10 3/4" CASING
 1263.30 FT. OF 8 5/8" CASING

