

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

TEE Engineering Company, Inc.
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 Lexington, KY 40509
 (606) 261-5150
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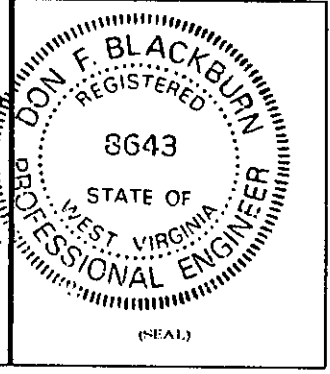
GeoMet Operating Company, Inc.
 Well No. Pond Creek 108-109-043

FILE NO. 1883-08
 DRAWING NO. WELL 43 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 JUNE 7, 2002
 OPERATOR'S WELL NO. POND CREEK 108-109-043
 API WELL NO. 47 - 047 - 01699-C
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X CBM LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2,267.72' WATERSHED 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 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 2,144'
 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

6-6 Bradshaw cbm

(383)

SEP 2 2002

M = Dow 1699 C

AD

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 #43

LOCATION:

Elevation: 2,267.72' Quadrangle: Bradshaw

District: Sandy River County: McDowell
 Latitude: 9,038 Feet South of 37 Deg. 20 Min. 00 Sec.
 Longitude: 5,202 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>18.70'</u>	<u>18.70'</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 120</u>
Date Permit Issued: <u>September 3, 2002</u>				
Date Well Work Commenced: <u>September 25, 2003</u>	<u>5-1/2"</u>	<u>2131'</u>	<u>2131'</u>	<u>369/Pumped 527</u>
Date Well Work Completed: <u>January 11, 2003</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>2052'</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):

365/366/399/731/734/802/849/927/991/1036/1148/1151/1158/1269/1271/1275/1322/1328/1336/1367/1437/1519/1520/1521/1542/1565/1608/1693/1755

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 Rye
February 20, 2003

MCDOWELL 1699

MAR 28 2003

API #: 47-4701699

Operator Well #: PC #043

Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

Perf P4, 1692' – 1695' & frac on 01/11/03 by Superior with 70Q Foam 11,000# 16/30 Sand, 218,000 SCF N₂, 200 Total Bbls Fluid. Breakdown Pressure 4000 PSIG, Average Pressure 3466 PSI, 1110 ISIP

2nd Stage:

Perf P5, 1607' – 1610' & frac on 01/11/03 by Superior with 70Q Foam 16,800# 16/30 Sand, 211,000 SCF N₂, 214 Total Bbls Fluid. Breakdown Pressure 3713 PSIG, Average Pressure 3184 PSI, 1700 ISIP

3rd Stage:

Perf P6, 1564' – 1567' & frac on 01/11/03 by Superior with 70Q Foam 37,000# 16/30 Sand, 355,000 SCF N₂, 262 Total Bbls Fluid. Breakdown Pressure 2792 PSIG, Average Pressure 2974 PSI, 2360 ISIP

4th Stage:

Perf P9-6, 1366' – 1369' & frac on 01/11/03 by Superior with 70Q Foam 42,000# 16/30 Sand, 242,000 SCF N₂, 262 Total Bbls Fluid. Breakdown Pressure 3741 PSIG, Average Pressure 2002 PSI, 1029 ISIP

5th Stage:

Perf P9-9, 1274' – 1277' & frac on 01/11/03 by Superior with 70Q Foam 40,000# 16/30 Sand, 238,000 SCF N₂, 281 Total Bbls Fluid. Breakdown Pressure 2244 PSIG, Average Pressure 2316 PSI, 1240 ISIP

6th Stage:

Perf P10-5, 1148' – 1152' & frac on 01/11/03 by Superior with 70Q Foam 40,000# 16/30 Sand, 311,000 SCF N₂, 352 Total Bbls Fluid. Breakdown Pressure 1924 PSIG, Average Pressure 3082 PSI, 1310 ISIP

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-043

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 23

DATE STARTED: 09-25-2002 DATE COMPLETED: 09-30-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	1.00	1.00	OVERBURDEN	
1.00	19.00	18.00	SANDSTONE / SOFT SAND STR	18.7' W/ 13 3/8" CASING
19.00	30.00	11.00	SANDSTONE	
30.00	60.00	30.00	SAND / COAL STR / SANDY SHALE	
60.00	90.00	30.00	SANDSTONE	
90.00	120.00	30.00	SAND / SANDY SHALE / SAND	
120.00	150.00	30.00	COAL STR / SAND / SANDY SHALE	
150.00	180.00	30.00	SANDSTONE	
180.00	210.00	30.00	SAND / SANDY SHALE	
210.00	240.00	30.00	SANDY SHALE / SAND	
240.00	270.00	30.00	SANDSTONE	
270.00	300.00	30.00	SAND / SANDY SHALE	
300.00	330.00	30.00	SAND / COAL STR	
330.00	340.00	10.00	SANDY SHALE	330' W/ 8 5/8" CASING
340.00	360.00	20.00	SANDSTONE	
360.00	390.00	30.00	SANDY SHALE / COAL STR / SANDY SHALE	
390.00	420.00	30.00	SAND / SANDY SHALE	
420.00	450.00	30.00	SANDY SHALE	
450.00	480.00	30.00	SAND / SANDY SHALE	
480.00	510.00	30.00	SANDY SHALE / COAL STR / SAND	
510.00	540.00	30.00	SAND / SANDY SHALE	
540.00	570.00	30.00	SAND / COALS TR / SANDY SHALE	
570.00	630.00	60.00	SANDSTONE	
630.00	660.00	30.00	SAND / SANDY SHALE	
660.00	690.00	30.00	SANDY SHALE	
690.00	720.00	30.00	SANDY SHALE / SAND	
720.00	750.00	30.00	SAND / COAL STR / SANDY SHALE	
750.00	780.00	30.00	SANDY SHALE / SAND	
780.00	810.00	30.00	SANDY SHALE	
810.00	840.00	30.00	SANDY SHALE / COAL STR / SAND	
840.00	870.00	30.00	SANDY SHALE / COAL STR / SANDY SHALE	
870.00	900.00	30.00	SANDY SHALE / SAND	
900.00	930.00	30.00	SANDSTONE	
930.00	960.00	30.00	SANDY SHALE / COAL STR / SAND	
960.00	990.00	30.00	SAND / COAL STR / SANDY SHALE	
990.00	1020.00	30.00	SANDY SHALE / COAL STR / SANDY SHALE	
1020.00	1050.00	30.00	SANDY SHALE	
1050.00	1080.00	30.00	SANDY SHALE / SAND	
1080.00	1110.00	30.00	SAND / COAL STR / SANDY SHALE	
1110.00	1140.00	30.00	SANDY SHALE / COAL STR / SANDY SHALE	
1140.00	1170.00	30.00	SANDY SHALE / COAL STR	

MAR 28 2003
 Mc Dow 1099

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 GEOMET OPERATING CO.
 GPPC-043

FROM	TO	FT.	DESCRIPTION
1170.00	1200.00	30.00	SANDY SHALE / SAND
1200.00	1230.00	30.00	SANDSTONE
1230.00	1260.00	30.00	SAND / SANDY SHALE
1260.00	1290.00	30.00	SANDY SHALE / SAND
1290.00	1320.00	30.00	SAND / SANDY SHALE
1320.00	1350.00	30.00	SANDY SHALE / SAND / COAL STR
1350.00	1380.00	30.00	SAND / SANDY SHALE / SAND
1380.00	1410.00	30.00	SAND / SANDY SHALE
1410.00	1440.00	30.00	SANDY SHALE / SAND
1440.00	1470.00	30.00	SANDSTONE
1470.00	1500.00	30.00	SAND / SANDY SHALE / SAND
1500.00	1530.00	30.00	SAND / SANDY SHALE STR
1530.00	1560.00	30.00	COAL 1530'-1532' / SANDY SHALE / POSS.COAL 1555'
1560.00	1590.00	30.00	SANDY SHALE / SAND / SANDY SHALE
1590.00	1620.00	30.00	SANDY SHALE / COAL 1598'-1600' / SANDY SHALE / SAND STR
1620.00	1640.00	20.00	SANDY SHALE
1640.00	1670.00	30.00	SANDY SHALE / SAND
1670.00	1700.00	30.00	SANDSTONE
1700.00	1730.00	30.00	SANDSTONE / COAL STR
1730.00	1760.00	30.00	SANDSTONE / SANDY SHALE
1760.00	1790.00	30.00	SANDY SHALE / SAND
1790.00	1850.00	60.00	SAND / SANDY SHALE / SAND
1850.00	1880.00	30.00	SAND / SANDY SHALE
1880.00	1910.00	30.00	SANDY SHALE
1910.00	1940.00	30.00	SAND / SANDY SHALE
1940.00	1970.00	30.00	SANDY SHALE / SAND / COAL 1968'-1970'
1970.00	2000.00	30.00	SAND / RED SHALE / SANDY SHALE / SAND
2000.00	2030.00	30.00	SAND / SANDY SHALE
2030.00	2060.00	30.00	RED SHALE / SANDY SHALE
2060.00	2090.00	30.00	SANDY SHALE / RED SHALE / SANDY SHALE / SAND
2090.00	2120.00	30.00	SAND / SANDY SHALE
2120.00	2150.00	30.00	SANDY SHALE / RED SHALE TD 7 7/8" HOLE

2150.00 FT. TOTAL DEPTH
 18.70 FT. OF 13 3/8" CASING
 330.00 FT. OF 8 5/8" CASING