

REFERENCES SCALE 1"=100'

WELL COORDINATES
WV STATE PLANE
SOUTH ZONE NAD 1927
N. 129439.85
E. 1767529.20

TEE Engineering Company, Inc.

320 Cutlers Hill Court
Lexington, KY 40509
(859) 263-3350
Fax (859) 263-3345

GeoMet Operating Company, Inc.

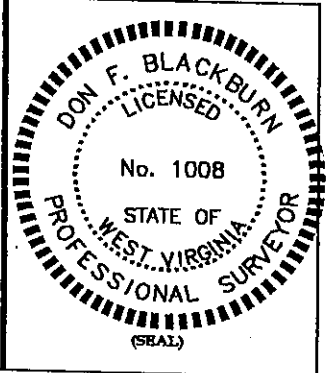
Well No. Pond Creek 105-112-064

FILE NO. 1883-08
DRAWING NO. WELL 64 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. _____ R.P.S. 1008



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

DATE AUGUST 16, 2002
OPERATOR'S WELL NO. POND CREEK 105-112-064 REV
API WELL NO. 47 - 047 - 1717C-F
STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS X CBM _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 2,299.45' WATER SHED _____ BRADSHAW CREEK _____
DISTRICT SANDY RIVER COUNTY McDOWELL
QUADRANGLE BRADSHAW

SURFACE OWNER THE FORESTLAND GROUP LLC ACREAGE 9,909.37
CBM ROYALTY OWNER PLUM CREEK TIMBERLANDS, L.P. LEASE ACREAGE 9,909.37

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
STIMULATE X 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 2,283'
WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 BIRMINGHAM, ALABAMA 35244 ADDRESS 330 HARPER PARK DRIVE SUITE A BECKLEY, WV 25801

JAN 07 2005

McDOW 1717 F

ACB

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 #64

LOCATION:

Elevation: 2,299.45' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 2,291 Feet South of 37 Deg. 22 Min. 30 Sec.
Longitude: 14,122 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: 5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244	16"	22'	22'	
Agent: Gregg Cleary				
Inspector: Ronnie Scott	13-3/8"	317'	317'	111/Pumped 180
Date Permit Issued: October 2, 2002				
Date Well Work Commenced: October 23, 2002	8-5/8"	1351'	1351'	557/Pumped 432
Date Well Work Completed: January 26, 2003				
Verbal Plugging:	5-1/2"	2228'	2228'	386/Pumped 428
Date Permission granted on:				
Rotary XXXX Cable Rig				
Total Depth (feet): 2285'				
Fresh Water Depth (feet): Unknown				
Salt Water Depth (feet): Unknown				
Is coal being mined in area (N/Y)? No				

Coal Depths (feet):

1383/1403/1414/1415/1416/1462/1464/1473/1498/1658/1659/1660/1681/1739/1827/1888/1891/1935/2010/2011/2024

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 160 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 Dyer
February 20, 2003

McDOW 1717

MAR 28 2003

API #: 47-4701717

Operator Well #: PC #064

Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

Perf P2, 2009' – 2012' & frac on 01/26/03 by Superior with 70Q Foam 150# 16/30 Sand, 159,000 SCF N2, 143 Total Bbls Fluid. Breakdown Pressure 3263 PSIG, Average Pressure 3850 PSI, 3054 ISIP

2nd Stage:

Perf P3, 1888' – 1892' & frac on 01/26/03 by Superior with 70Q Foam 21,000# 16/30 Sand, 220,000 SCF N2, 179 Total Bbls Fluid. Breakdown Pressure 2556 PSIG, Average Pressure 2875 PSI, 1396 ISIP

3rd Stage:

Perf P5, 1737' – 1740' & frac on 01/26/03 by Superior with 70Q Foam 16,000# 16/30 Sand, 293,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 3036 PSIG, Average Pressure 3520 PSI, 1858 ISIP

4th Stage:

Perf P6-5, 1679' – 1683' & frac on 01/26/03 by Superior with 70Q Foam No Sand, 97,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 3552 PSIG, Average Pressure 3865 PSI, 2865 ISIP

5th Stage:

Perf P9-8, 1461' – 1463' & frac on 01/26/03 by Superior with 70Q Foam No Sand, 28,000 SCF N2, 143 Total Bbls Fluid. Breakdown Pressure 3971 PSIG, Average Pressure 3900 PSI, 3790 ISIP

6th Stage:

Perf P10, 1414' – 1416' & frac on 01/26/03 by Superior with 70Q Foam No Sand, 9,000 SCF N2, 167 Total Bbls Fluid. Breakdown Pressure 3784 PSIG, Average Pressure 3510 PSI, 3680 ISIP

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-064

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 23

DATE STARTED: 10-18-2002 DATE COMPLETED: 10-23-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	22.00	22.00	OVERBURDEN 22' W/ 16" CASING	
22.00	30.00	8.00	SAND	
30.00	61.00	31.00	SAND / SANDY SHALE / COAL 48'-50' / SANDY SHALE / SAND	
61.00	92.00	31.00	SAND / SANDY SHALE / SAND	
92.00	123.00	31.00	SAND / COAL 105' / SANDY SHALE / SAND	
123.00	154.00	31.00	SANDSTONE / SANDY SHALE	
154.00	185.00	31.00	SANDY SHALE / SAND	
185.00	215.00	30.00	SAND / SANDY SHALE / SAND	
215.00	245.00	30.00	SANDY SHALE / SAND	
245.00	305.00	60.00	SAND / SANDY SHALE	
305.00	335.00	30.00	SAND / COAL 315'-317' / SANDY SHALE / SAND	
335.00	360.00	25.00	317' W/ 13 3/8" CASING	
360.00	390.00	30.00	SAND / SANDY SHALE	
390.00	420.00	30.00	SANDY SH / SAND / SANDY SHALE / SAND	
420.00	450.00	30.00	SAND / COAL 400'-403' / SANDY SHALE / SAND	
450.00	480.00	30.00	SAND / SANDY SHALE / SAND	
480.00	485.00	5.00	SANDY SHALE / SAND	
485.00	515.00	30.00	SANDY SHALE	
515.00	545.00	30.00	SANDY SHALE / SAND	
545.00	575.00	30.00	SANDSTONE / COAL STR	
575.00	605.00	30.00	SANDY SHALE / SAND	
605.00	635.00	30.00	SANDSTONE	
635.00	665.00	30.00	SAND / SANDY SHALE / COAL STR	
665.00	695.00	30.00	SANDY SHALE / SAND	
695.00	725.00	30.00	SAND / SANDY SHALE	
725.00	755.00	30.00	SANDY SHALE	
755.00	785.00	30.00	SANDY SHALE / SAND / COAL STR	
785.00	815.00	30.00	SAND / SANDY SHALE	
815.00	845.00	30.00	SANDSTONE	
845.00	875.00	30.00	SAND / SANDY SHALE	
875.00	905.00	30.00	SANDSTONE	
905.00	935.00	30.00	SANDY SHALE / SAND	
935.00	965.00	30.00	SAND / SANDY SHALE / SAND	
965.00	995.00	30.00	SAND / COAL STR	
995.00	1025.00	30.00	SAND / SANDY SHALE / SAND	
1025.00	1055.00	30.00	SAND / SANDY SHALE / COAL 1010'-1013' / SANDY SHALE / SAND	
1055.00	1085.00	30.00	SAND / SANDY SHALE	
1085.00	1115.00	30.00	SANDY SHALE / SAND	
1115.00	1145.00	30.00	SAND / SANDY SHALE / SAND / COAL STR	
			SAND / SANDY SHALE / COAL STR	

M-D&W 1717

FROM	TO	FT.	DESCRIPTION
1145.00	1175.00	30.00	SANDY SHALE / SAND
1175.00	1205.00	30.00	SANDY SHALE / SAND / SANDY SHALE
1205.00	1235.00	30.00	SANDY SHALE / SAND
1235.00	1265.00	30.00	SANDY SHALE / POSS. COAL STR / SAND STR
1265.00	1295.00	30.00	SAND / SANDY SHALE / COAL
1295.00	1325.00	30.00	COAL 1300' / SAND
1325.00	1355.00	30.00	SAND / SANDY SHALE
			1351.4' W/ 8 5/8" CASING
1355.00	1370.00	15.00	SANDY SHALE / SAND
1370.00	1400.00	30.00	SAND / COAL STR / SANDY SHALE
1400.00	1430.00	30.00	SANDY SHALE / SAND / SANDY SHALE
1430.00	1460.00	30.00	SAND / SANDY SHALE
1460.00	1490.00	30.00	SAND / COAL STR / SAND
1490.00	1550.00	60.00	SANDSTONE
1550.00	1610.00	60.00	SAND / SANDY SHALE / SAND
1610.00	1640.00	30.00	SAND / SANDY SHALE / COAL STR
1640.00	1670.00	30.00	SAND / SANDY SHALE / SAND
1670.00	1700.00	30.00	SAND / COAL STR / SAND
1700.00	1730.00	30.00	SAND / SANDY SHALE
1730.00	1740.00	10.00	SANDY SHALE
1740.00	1770.00	30.00	SAND / SANDY SHALE
1770.00	1800.00	30.00	SANDY SHALE / POSS. COAL / SAND
1800.00	1830.00	30.00	SAND / COAL 1818' / SANDY SHALE
1830.00	1860.00	30.00	SANDY SHALE / SAND
1860.00	1890.00	30.00	SAND STR / SANDY SHALE / COAL 1880'-1885' / SANDY SHALE
1890.00	1920.00	30.00	SANDY SHALE / SHALE / SANDY SHALE
1920.00	1950.00	30.00	SANDY SHALE / SHALE / SAND
1950.00	1980.00	30.00	SANDSTONE
1980.00	2010.00	30.00	SAND / SANDY SHALE
2010.00	2040.00	30.00	SANDY SHALE
2040.00	2070.00	30.00	SANDY SHALE / SAND
2070.00	2130.00	60.00	SANDSTONE
2130.00	2160.00	30.00	SAND / SANDY SHALE / SAND
2160.00	2190.00	30.00	SANDSTONE
2190.00	2220.00	30.00	SANDSTONE / RED SHALE
2220.00	2250.00	30.00	SAND / RED SHALE / SAND
2250.00	2280.00	30.00	TD 7 7/8" HOLE

2280.00 FT. TOTAL DEPTH
 22.00 FT. OF 16" CASING
 317.00 FT. OF 13 3/8" CASING
 1351.40 FT. OF 8 5/8" CASING