

PROPOSED POND CREEK
107-112-059

8" OAK
G N 64°40'45" W
119.84

14" POPLAR 121.39

REFERENCES	SCALE 1"=100'
WELL COORDINATES WV STATE PLANE SOUTH ZONE NAD 1927 N. 123495.95 E. 1770487.95	

TEE Engineering Company, Inc.
320 Centre Hill Court
Lexington, KY 40509
(859) 263-5350
Fax (859) 263-5345

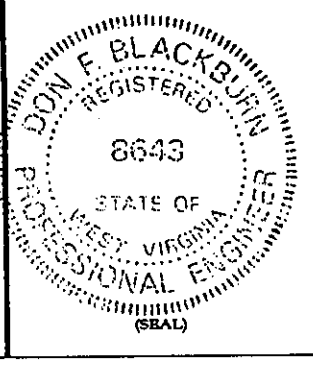
GeoMet Operating Company, Inc.
Well No. Pond Creek 107-112-059

FILE NO. 1925-11
DRAWING NO. WELL 59 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 107-112-059
API WELL NO. 47 - STATE 047 - COUNTY PERMIT 016770

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW
LOCATION: ELEVATION 2,187.88' 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 2,098'
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

6-6 Bradshaw CBM (383) JUL 7 2002

McDowell 16770

MS

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 #59

LOCATION:

Elevation: 2,187.88' Quadrangle: Bradshaw

District: Big Creek County: McDowell
Latitude: 11,446 Feet South of 37 Deg. 22 Min. 30 Sec.
Longitude: 14,036 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>21'</u>	<u>21'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>10-3/4"</u>	<u>331'</u>	<u>331'</u>	<u>79/Pumped 120</u>
Date Permit Issued: <u>July 5, 2002</u>				
Date Well Work Commenced: <u>August 2, 2002</u>	<u>8-5/8"</u>	<u>1211'</u>	<u>1211'</u>	<u>500/ Pumped 240</u>
Date Well Work Completed: <u>October 8, 2002</u>				
Verbal Plugging:	<u>5-1/2</u>	<u>2067'</u>	<u>2067'</u>	<u>358/Pumped 416</u>
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>2104'</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): 1262/1503/1593/1744/1788/1861

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 185 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

MCDOWELL 1677 C

API #: 47-01677C

Operator Well #: PC #059

Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

Perf P1, 1864' – 1867'/Perf P2, 1857' – 1860' & frac on 10/08/02 by Superior with 70Q Foam 26,000# 16/30 Sand, 272,000 SCF N2, 179 Total Bbls Fluid. Breakdown Pressure 3514 PSIG, Average Pressure 2738 PSI, 1527 ISIP

2nd Stage:

Perf P2-1, 1784' – 1787'/Perf P3, 1738' – 1740' - 1741' – 1744' & frac on 10/08/02 by Superior with 70Q Foam 27,000# 16/30 Sand, 381,000 SCF N2, 190 Total Bbls Fluid. Breakdown Pressure 2687 PSIG, Average Pressure 2680 PSI, 1241 ISIP

3rd Stage:

Perf P5, 1590' – 1593' & frac on 10/08/02 by Superior with 70Q Foam 6,000# 16/30 Sand, 170,000 SCF N2, 119 Total Bbls Fluid. Breakdown Pressure 3250 PSIG, Average Pressure PSI, 1850 ISIP

4th Stage:

Perf P9, 1500' – 1504' & frac on 10/08/02 by Superior with 70Q Foam 29,000# 16/30 Sand, 422,000 SCF N2, 333 Total Bbls Fluid. Breakdown Pressure 3150 PSIG, Average Pressure 2788 PSI, 1650 ISIP

5th Stage:

Perf P10, 1259' – 1263' & frac on 10/08/02 by Superior with 70Q Foam 23,000# 16/30 Sand, 240,000 SCF N2, 167 Total Bbls Fluid. Breakdown Pressure 3488 PSIG, Average Pressure 2420 PSI, 870 ISIP

DRILL DATA HOLE – NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-059

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 45

DATE STARTED: 08-01-2002 DATE COMPLETED: 08-07-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	2.00	2.00	OVERBURDEN	
2.00	21.00	19.00	SANDY SHALE	20.8' W/ 13 3/8" CASING
21.00	92.00	71.00	SAND	
92.00	154.00	62.00	SANDY SHALE	
154.00	184.00	30.00	SAND	
184.00	244.00	60.00	SANDY SHALE	
244.00	304.00	60.00	SAND	
304.00	334.00	30.00	SANDY SHALE	331' W/ 10 3/4" CASING
334.00	364.00	30.00	SAND	
364.00	394.00	30.00	SANDY SHALE	
394.00	424.00	30.00	SANDY SHALE / COAL	
424.00	454.00	30.00	SAND	
454.00	484.00	30.00	SANDY SHALE	
484.00	544.00	60.00	SANDY SHALE / COAL	
544.00	574.00	30.00	SANDY SHALE	
574.00	664.00	90.00	SAND	
664.00	694.00	30.00	SANDY SHALE	
694.00	754.00	60.00	SAND	
754.00	784.00	30.00	SANDY SHALE / COAL	
784.00	814.00	30.00	SAND / SANDY SHALE	
814.00	844.00	30.00	SANDY SHALE / COAL 817'-819' / SAND	
844.00	874.00	30.00	SAND / SANDY SHALE / COAL 860'-862' / SANDY SHALE	
874.00	904.00	30.00	SAND / SANDY SHALE	
904.00	934.00	30.00	SAND / SANDY SHALE STR	
934.00	964.00	30.00	SANDY SHALE / COAL STR 936'	
964.00	994.00	30.00	SAND STR / SANDY SHALE / COAL ST 992'	
994.00	1024.00	30.00	SANDY SHALE / SAND STR / COAL STR 1020'	
1024.00	1054.00	30.00	SANDY SHALE / COAL 1036'-1039'	
1054.00	1084.00	30.00	SANDY SHALE / SAND	
1084.00	1114.00	30.00	SANDSTONE	
1114.00	1144.00	30.00	SAND / SANDY SHALE STR	
1144.00	1174.00	30.00	SAND / COAL BROKE-UP 1160' / SAND	
1174.00	1204.00	30.00	SANDSTONE	
1204.00	1234.00	30.00	SAND 1210.7' W/ 8 5/8" CASING	
1234.00	1264.00	30.00	SAND / SANDY SHALE / COAL 1260'-1262'	
1264.00	1294.00	30.00	SAND / SANDY SHALE	
1294.00	1324.00	30.00	SANDY SHALE / SAND / SANDY SHALE	
1324.00	1354.00	30.00	SANDY SHALE / SAND STR	
1354.00	1384.00	30.00	SANDY SHALE / POSS. COAL 1370' / SANDY SHALE	

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FEB 27 2003

FROM	TO	FT.	DESCRIPTION
1384.00	1414.00	30.00	SAND / SANDY SHALE
1414.00	1444.00	30.00	SANDY SHALE / SAND
1444.00	1474.00	30.00	SAND STR / SANDY SHALE / SAND
1474.00	1504.00	30.00	SAND STR / SANDY SHALE / COAL 1498'-1501' / SAND
1504.00	1534.00	30.00	SANDY SHALE / SAND
1534.00	1564.00	30.00	SAND / SANDY SHALE
1564.00	1594.00	30.00	SANDY SHALE / COAL 1575' / SANDY SHALE / COAL 1588'
1594.00	1624.00	30.00	SAND / SANDY SHALE / POSS. COAL / SAND
1624.00	1654.00	30.00	SAND / SANDY SHALE
1654.00	1684.00	30.00	SAND / SANDY SHALE / COAL STR 1677' / SAND
1684.00	1714.00	30.00	SAND / SANDY SHALE STR
1714.00	1744.00	30.00	SAND / POSS. COAL 1716'-1718' / SANDY SHALE / COAL 1734', 1738'-1739'
1744.00	1774.00	30.00	SAND / SANDY SHALE
1774.00	1804.00	30.00	SANDY SHALE / COAL 1785' / SAND
1804.00	1834.00	30.00	SANDY SHALE
1834.00	1864.00	30.00	SAND
1864.00	1954.00	90.00	SANDY SHALE
1954.00	1984.00	30.00	SAND
1984.00	2014.00	30.00	SANDY SHALE
2014.00	2074.00	60.00	SANDY SHALE / RED SHALE
2074.00	2104.00	30.00	SAND TD 7 7/8" HOLE

2104.00 FT. TOTAL DEPTH
 20.80 FT. OF 13 3/8" CASING
 331.00 FT. OF 10 1/4" CASING
 1210.70 FT. OF 8 5/8" CASING

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