

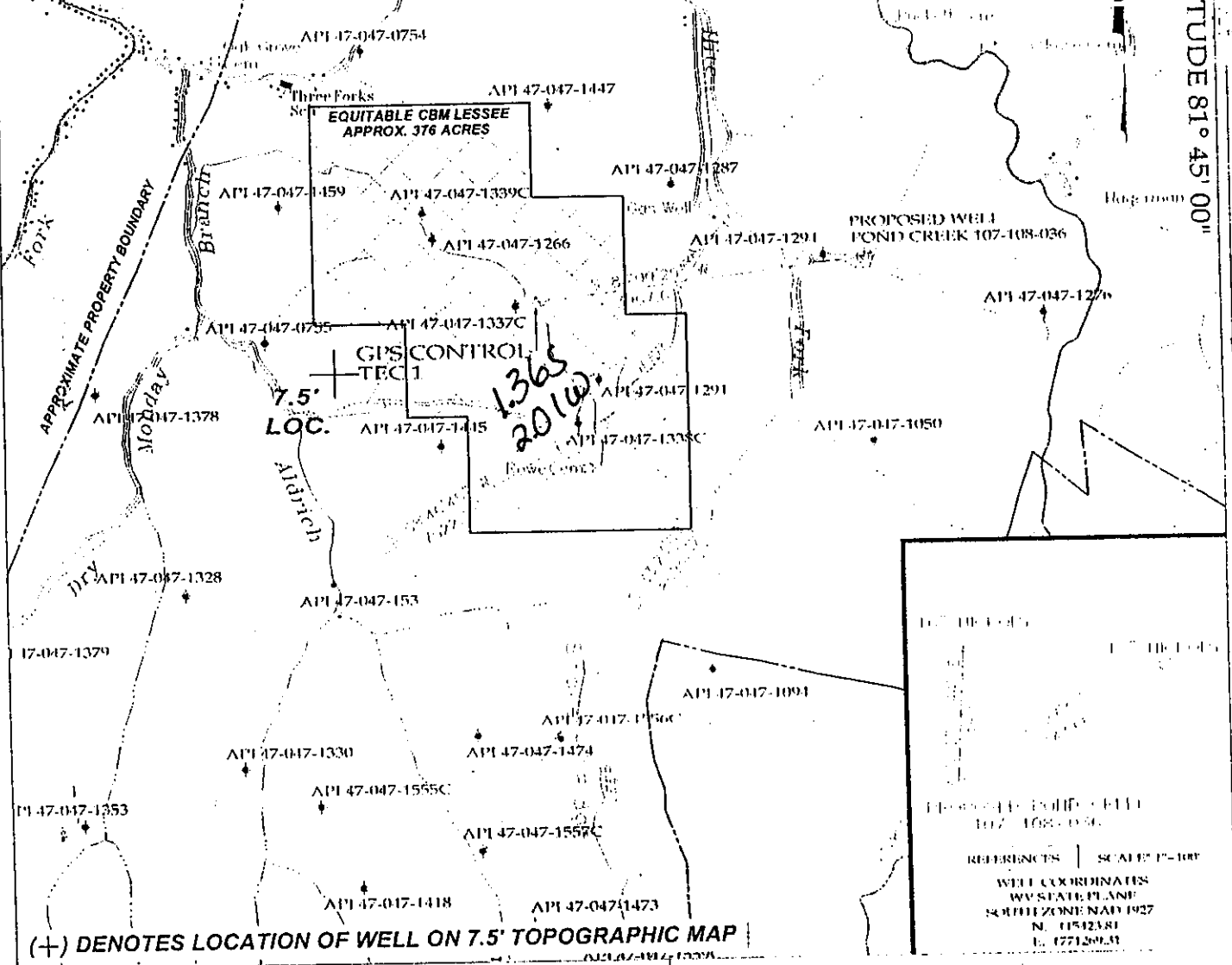
10,599

LATITUDE 37° 20' 00"

LONGITUDE 81° 45' 00"

PLUM CREEK TIMBERLANDS, L.P. - SURFACE AND COAL OWNERS
GEOMET OPERATING COMPANY INC. - CBM LESSEE ACREAGE 9,909.37

PENN VIRGINIA OIL & GAS CORP. - OIL & GAS ONLY
CABOT OIL & GAS CORPORATION - OIL & GAS LESSEE



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

REFERENCES | SCALE 1"=100'

WELL COORDINATES
WV STATE PLANE
SOUTH ZONE NAD 1927
N. 015923.81
E. 0721209.31

TEE Engineering Company, Inc.
 1200 Chimes Hill Court
 Lexington, KY 40509
 (606) 263-4199
 Fax (606) 263-4145

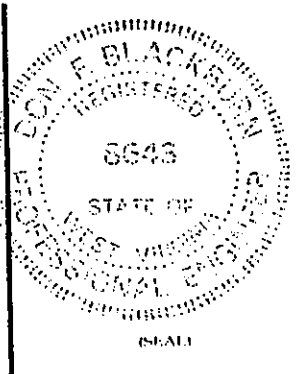
Geomet Operating Company, Inc.
 Well No. Pond Creek 107-108-036

FILE NO. 1925-11
 DRAWING NO. WELL 36 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 FEBRUARY 5, 2002
 OPERATOR'S WELL NO. POND CREEK 107-108-036
 WELL NO. 47 STATE 047 COUNTY 01630C PERMIT

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

LOCATION: ELEVATION 1,667.95' 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 X 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 1,484'
 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

MAR 15 2002

Me Dow 1630C

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

A.D.

Well Operator's Report of Well Work

FARM NAME: Plum Creek Timberlands, L.P. OPERATOR WELL NO.: PC #36

LOCATION:

Elevation: 1,667.95' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 10,599 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 6,925 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>36'</u>	<u>36'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>8-5/8"</u>	<u>310'</u>	<u>310'</u>	<u>128/Pumped 192</u>
Date Permit Issued: <u>March 12, 2002</u>				
Date Well Work Commenced: <u>May 22, 2002</u>	<u>5-1/2"</u>	<u>1311'</u>	<u>1311'</u>	<u>227/Pumped 293</u>
Date Well Work Completed: <u>October 8, 2002</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>1325'</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): 309/333/364/388/396/439/526/649/688/751/761/857/947/951/992/1030/1034/1184

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 110 psig (surface pressure) after 96 Hours

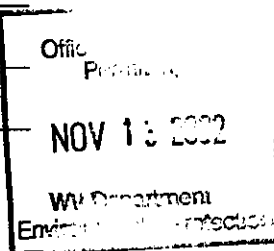
NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

SIGNED:

BY:

DATE:

Karen Dye
12-18-2002



JAN 17 2003

MCDOWELL 1630C

API #: 47-01630C

Operator Well #: PC #036

Farm Name: Plum Creek Timberlands, L.P.

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

1st Stage:

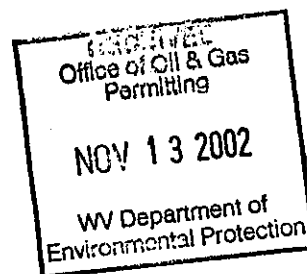
Perf P3, 1181' – 1189' & frac on 10/08/02 by Superior with 70Q Foam 22,000# 16/30 Sand, 213,000 SCF N2, 214 Total Bbls Fluid. Breakdown Pressure 3877 PSIG, Average Pressure 1877 PSI, 1151 ISIP

2nd Stage:

Perf P9, 990' – 992' & frac on 10/08/02 by Superior with 70Q Foam 32,000# 16/30 Sand, 226,000 SCF N2, 205 Total Bbls Fluid. Breakdown Pressure 2890 PSIG, Average Pressure 2288 PSI, 1508 ISIP

3rd Stage:

Perf P9-8, 777' – 779' & frac on 10/08/02 by Superior with 70Q Foam 27,000# 16/30 Sand, 186,000 SCF N2, 210 Total Bbls Fluid. Breakdown Pressure 3222 PSIG, Average Pressure 1850 PSI, 975 ISIP



DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-036

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 45

DATE STARTED: 05-22-2002 DATE COMPLETED: 06-01-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	30.00	30.00	OVERBURDEN	
30.00	35.70	5.70	SOFT SAND / SHALE / SAND	
35.70	37.00	1.30	SANDY SHALE	
37.00	50.00	13.00	SAND / SANDY SHALE	
50.00	68.00	18.00	SAND	
68.00	192.00	124.00	SANDY SHALE	
192.00	252.00	60.00	SAND	
252.00	282.00	30.00	SANDY SHALE	
282.00	320.00	38.00	SAND	
320.00	335.00	15.00	SAND / SANDY SHALE / COAL	
335.00	365.00	30.00	SAND / SANDY SHALE STR / COAL	
365.00	395.00	30.00	COAL / SAND / SANDY SHALE / COAL STR	
395.00	425.00	30.00	COAL STR 397' / SAND / SANDY SHALE STR	
425.00	455.00	30.00	SAND STR / SANDY SHALE / COAL	
455.00	485.00	30.00	SANDY SHALE / SAND STR	
485.00	545.00	60.00	SANDY SHALE	
545.00	575.00	30.00	SANDY SHALE/SAND STR/COAL STR	
575.00	605.00	30.00	SHALE STR / COAL / SAND STR / SANDY SH	
605.00	635.00	30.00	SAND / SANDY SH / COAL	
635.00	665.00	30.00	SANDY SHALE / COAL STR	
665.00	695.00	30.00	SANDY SHALE / SAND STR	
695.00	725.00	30.00	COAL	
725.00	755.00	30.00	SAND / SANDY SHALE / COAL	
755.00	785.00	30.00	SANDY SHALE / COAL STR	
785.00	815.00	30.00	SANDY SHALE	
815.00	845.00	30.00	SANDY SHALE / SAND	
845.00	875.00	30.00	SAND / COAL	
875.00	905.00	30.00	SANDY SHALE / SHALE	
905.00	935.00	30.00	SHALE / POSS. COAL / SAND	
935.00	965.00	30.00	SAND / COAL	
965.00	995.00	30.00	SAND / SANDY SHALE / COAL	
995.00	1025.00	30.00	SAND / SANDY SHALE	
1025.00	1055.00	30.00	SANDY SHALE / COAL STR	
1055.00	1085.00	30.00	SAND / SANDY SHALE STR	
1085.00	1115.00	30.00	SAND	
1115.00	1175.00	60.00	SANDY SHALE	
1175.00	1205.00	30.00	SANDY SHALE / COAL	

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Office of Oil & Gas
Drilling
NOV 13 2002
WV Department of
Environmental Protection

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Office of Oil & Gas
Drilling
NOV 13 2002

JAN 17 2003

M = Dow 1630 C

PAGE 2
GEOMET OPERATING CO
GPPC-036

FROM	TO	FT.	DESCRIPTION
1205.00	1235.00	30.00	SANDY SHALE
1235.00	1325.00	90.00	SANDY SHALE / COAL TD 7 7/8" HOLE

**** DECISION TO MOVE OFF WELL / MOVED TO NEXT SITE ****

1325.00 FT. TOTAL DEPTH
35.70 FT. OF 13 3/8" CASING
308.00 FT. OF 8 5/8" CASING

