

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

7.5' LOC.

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

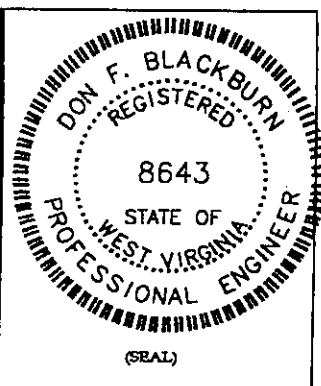
GeoMet Operating Company, Inc.
 Well No. Pond Creek 102-104-017

FILE NO. 1883-08/2003 WELLS
 DRAWING NO. WELL 17 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 18, 2003
 OPERATOR'S WELL NO. POND CREEK 102-104-017

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

LOCATION: ELEVATION 2,108.57' NORTHING 107947.54 EASTING 1760356.71
 DISTRICT SANDY RIVER WATER SHED DRY MONDAY BRANCH
 QUADRANGLE BRADSHAW COUNTY MCDOWELL

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 X PLUG OFF OLD FORMATION PEFORATE NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG

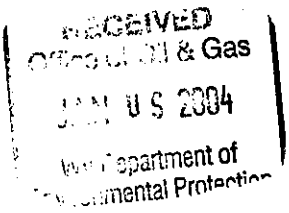
TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 2,037'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 3206 ADDRESS 330 HARPER PARK DRIVE SUITE A
BIRMINGHAM, ALABAMA 35244 BECKLEY, WV 25801

(Bradshaw 270)

AUG 08 2003

M. Dow 1820 C

MP



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 OPERATOR WELL NO.: PC 102-104-017

LOCATION:
Elevation: 2,108.57' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 9,330 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 14,496 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: <u>5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244</u>	<u>13-3/8"</u>	<u>20'</u>	<u>20'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>7"</u>	<u>314'</u>	<u>314'</u>	<u>114 / Pumped 120</u>
Date Permit Issued:				
Date Well Work Commenced: <u>Sept. 17, 2003</u>	<u>4-1/2"</u>	<u>1900'</u>	<u>1900'</u>	<u>195 / Pumped 260</u>
Date Well Work Completed: <u>October 15, 2003</u>				
Verbal Plugging:				
Date Permission granted on: <u>August 7, 2003</u>				
Rotary <u>XXXX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>1901'</u>				
Fresh Water Depth (feet): <u>Unknown</u>				
Salt Water Depth (feet): <u>Unknown</u>				
Is coal being mined in area (N/Y)? <u>N</u>				

Coal Depths (feet): 406, 557, 640, 681, 761, 831, 876, 1115, 1117, 1118, 1119, 1180, 1185, 1126, 1356, 1371, 1405, 1434, 1469, 1495, 1496, 1497.

OPEN FLOW DATA

1226? not entered

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 9 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: [Signature]
 BY: Dundrea Smith
 DATE: 1-7-04

McDow. 1820

Well Name Pond Creek 017

PBTD

1900'

Zone and Perforation Table

	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval	1,433	1,435		
N2 Scf			18,000	18,800
Acid	50			
Gel Volume	13,776			
ISIP	1,243			
ATP	2,423			
AIR	10	BPM		
Stage 7 Interval	1,403	1,405	18,000	18,000
N2 Scf				
Acid	50			
Gel Volume	13,608			
ISIP	1,260			
ATP	2,632			
AIR	10 1/2	BPM		
Stage 8 Interval	1,369	1,371	10,000	8,000
N2 Scf				
Acid	50			
Gel Volume	9,256			
ISIP	1,379			
ATP	2,639			
AIR	10	BPM		
Stage 9 Interval	1,353	1,355	10,000	8,600
N2 Scf				
Acid	50			
Gel Volume	9,954			
ISIP	1,556			
ATP	2,384			
AIR	10	BPM		
Stage 10 Interval	1,224	1226	18,000	1000
N2 Scf				
Acid	200			
Gel Volume	9,786			
ISIP	2,457			
ATP	3,645			
AIR	4			

**GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification**

Well Name Pond Creek 017

PBTD

1900'

Zone and Perforation Table

Frac Stage 1 Interval	1610-1612		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1616	1618				
N2 Scf					20,000	20,000
Acid	50 gal					
Gel Volume	16,300					
ISIP	1,172					
ATP	2,386					
AIR	10	BPM				
Stage 2 Interval	1,568	1571			30,000	29,000
N2 Scf						
Acid	300 gals					
Gel Volume	21,200					
ISIP	1,209					
ATP	1,906					
AIR	10	BPM				
Stage 3 Interval	1,524	1526			15,000	15,500
N2 Scf						
Acid	50gals					
Gel Volume	15,120					
ISIP	1,088					
ATP	2,154					
AIR	10	BPM				
Stage 4 Interval	1,495	1497			20,000	20,000
N2 Scf						
Acid	50					
Gel Volume	16,800					
ISIP	1,141					
ATP	2,144					
AIR	10	BPM				
Stage 5 Interval	1,466	1468			20,000	10,000
N2 Scf						
Acid	50					
Gel Volume	10,962					
ISIP	2,067					
ATP	2,456					
AIR	11	BPM				

McDow. 1820

Well Name Pond Creek 017

PBTD 1900'

Zone and Perforation Table

Frac			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 11 Interval	1179	1181				
N2 Scf					20,000	20,300
Acid	50					
Gel Volume	13,776					
ISIP	1,511					
ATP	2,610					
AIR	11	BPM				
Stage 12 Interval	1,114	1118			25,000	25,000
N2 Scf						
Acid	100					
Gel Volume	16,506					
ISIP	1,185					
ATP	3,460					
AIR	8	BPM				
Stage 13 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR	BPM					
Stage 14 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR	BPM					
Stage 15 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR	BPM					

McDow, 1820

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEO-MET

HOLE NO. POND CREEK-017

LOCATION: BUG HURLEY HOLLOW

DRILL: RIG 94

DATE STARTED: 09-16-03

ELECTRIC LOGGED: YES

DATE COMPLETED: 09-18-2003

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0	8	8	OVERBURDEN / SOFT SAND	
8	20	12	SAND STONE / SHALE / SAND STONE	20' W/ 13 3/8" CASING
20	25	5	SANDSTONE	
25	56	31	SANDY SHALE / COAL / SANDSTONE	
56	87	31	SANDSTONE / SANDY SHALE STR.	
87	118	31	SANDSTONE / COAL STR / SANDY SHALE STR	
118	150	32	SANDSTONE / SANDY SHALE STR	
150	180	30	SANDSTONE / SANDY SHALE STR / COAL STR	
180	210	30	SANDY SHALE / SANDSTONE	
210	240	30	SANDSTONE STR / SANDY SHALE / COAL	(2 SEAMS)
240	270	30	COAL STR / SANDSTONE / COAL STR / SANDSTONE	
270	300	30	COAL 2 / SANDY SHALE / COAL STR	314' W/ 7" CASING
300	325	25	SANDSTONE	
325	335	10	SANDSTONE / SANDY SHALE STR	
335	365	30	SANDSTONE STR / COAL / SANDY SHALE / COAL	
365	395	30	SANDY SHALE / COAL	
395	425	30	SANDY SHALE / COAL STR / SANDSTONE	
425	455	30	SANDSTONE / SANDY SHALE / COAL STR	
455	485	30	SANDSTONE / SHALE / COAL STR	
485	515	30	SANDY SHALE	
515	545	30	SANDY SHALE	
545	575	30	SANDY SHALE / COAL STR / SANDSTONE STR	
575	605	30	SANDY SHALE	
605	635	30	SANDSTONE / SANDY SHALE STR	
635	665	30	SANDY SHALE / COAL STR / SANDSTONE	
665	695	30	SANDSTONE / COAL 5 & SHALE / SANDY SHALE / SANDSTONE	
695	725	30	SANDSTONE / SANDY SHALE STR	
725	755	30	SANDSTONE / SANDY SHALE STR / COAL STR	
755	785	30	SANDSTONE / COAL STR / SANDY SHALE STR	
785	815	30	SANDY SHALE / SANDSTONE / COAL STR	
815	845	30	SANDY SHALE / SANDSTONE STR / COAL STR	
845	875	30	SANDY SHALE / COAL	
875	905	30	SANDY SHALE / POSS COAL STR	

Mc Dowd, 1820

SEP 20 2003

FROM	TO	FT.	DESCRIPTION
905	935	30	SANDY SHALE / POSS COAL STR
935	965	30	SANDY SHALE / SANDSTONE
965	995	30	SANDSTONE / SANDY SHALE STR
995	1055	60	SANDSTONE / SHALE STR
1055	1085	30	SANDSTONE / SANDY SHALE STR
1085	1115	30	SANDSTONE / SANDY SHALE/ COAL 1110-13
1115	1145	30	SANDY SHALE STR / SANDSTONE
1145	1175	30	SANDY SHALE / COAL 1172-75
1175	1205	30	SHALE & COAL / SANDY SHALE / COAL STR
1205	1235	30	SANDY SHALE / COAL STR
1235	1265	30	SANDY SHALE / SANDSTONE
1265	1295	30	SANDSTONE / COAL STR / SANDY SHALE STR
1295	1325	30	SANDSTONE / SANDY SHALE STR
1325	1355	30	SANDY SHALE
1355	1385	30	SANDY SHALE / SANDSTONE / SANDY SH STR
1385	1415	30	SANDSTONE / COAL 4 / SANDSTONE / SANDY SHALE STR
1415	1445	30	SANDSTONE
1445	1475	30	SANDY SHALE / SANDSTONE
1475	1565	90	SANDSTONE / SANDY SHALE STR
1565	1595	30	SANDY SHALE / SANDSTONE
1595	1625	30	SANDY SHALE / SANDSTONE / SANDY SHALE
1625	1655	30	SANDSTONE / SANDY SHALE STR
1655	1685	30	SANDY SHALE / COAL STR
1685	1715	30	SANDSTONE
1715	1745	30	SANDY SHALE / SANDSTONE
1745	1775	30	SANDY SHALE / SAND
1775	1805	30	SANDY SHALE / SANDSTONE STR
1805	1835	30	SANDSTONE / SANDY SHALE
1835	1865	30	SANDY SHALE / SHALE STR / SAND
1865	1900	35	SANDSTONE TD 6 1/2" HOLE 1900' W/ 4 1/2" CASING

1900.00 FT. TOTAL DEPTH
 20.00 FT. OF 13 3/8" CASING
 314.00 FT. OF 7" CASING
 1900.00 FT. OF 4 1/2" CASING