

TEE Engineering Company, Inc.
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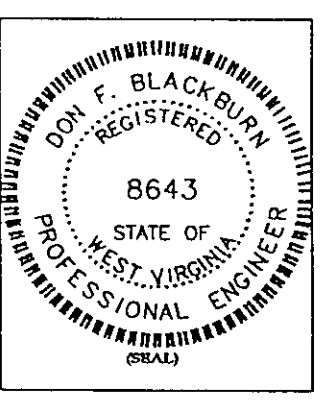
GeoMet Operating Company, Inc.
 Well No. Pond Creek 107-106-026

FILE NO. 1883-08
 DRAWING NO. WELL 26 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 AUGUST 4, 2003

OPERATOR'S WELL NO. POND CREEK 107-106-026

WELL NO. 47 - STATE - COUNTY 047 - PERMIT 01830-C

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

LOCATION: ELEVATION 2,348.34' NORTHING 111318.12 EASTING 1771407.36
 DISTRICT SANDY RIVER WATER SHED HITE FORK OF BRADSHAW CREEK
 QUADRANGLE BRADSHAW COUNTY McDOWELL

SURFACE OWNER PLUM CREEK TIMBERLANDS L.P. ACREAGE 9,907.37
 CBM ROYALTY OWNER PLUM CREEK TIMBERLANDS L.P. LEASE ACREAGE 9,907.37
 LEASE NO. RECORDING IN PROGRESS

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION REFORATE NEW
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 2,260'

WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 3206 BIRMINGHAM, ALABAMA 35244
 ADDRESS 330 HARPER PARK DRIVE SUITE A BECKLEY, WV 25801

McDow 1830-C

37 20

Latitude

81 45

Longitude

Templat

Topo Location

7.5' Loc. _____ 15' Loc. _____
(etc.) _____

Company Geo met

Farm Plum CK Timber

15' Quad _____
(sec.)

7.5' Quad Bradshaw

District _____

WELL LOCATION PLAT

County 47 Permit 1830

(Bentley 270)

RECEIVED
 Office of Oil & Gas
JAN 09 2004
 WV Department of
 Environmental Protection

Aug

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 107-106-026

LOCATION:

Elevation: 2,348.34' Quadrangle: Bradshaw

District: Sandy River County: McDowell
 Latitude: 10.428 Feet South of 37 Deg. 20 Min. 00 Sec.
 Longitude: 11,030 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>17.5'</u>	<u>17.5'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>7"</u>	<u>312'</u>	<u>312'</u>	<u>113 / Pumped 90</u>
Date Permit Issued:				
Date Well Work Commenced: <u>October 7, 2003</u>	<u>4-1/2"</u>	<u>2138'</u>	<u>2138'</u>	<u>219 / Pumped 234</u>
Date Well Work Completed: <u>October 27, 2003</u>				
Verbal Plugging:				
Date Permission granted on: <u>Sept. 7, 2003</u>				
Rotary <u>XXXX</u> Cable <u>Rig</u>				
Total Depth (feet): <u>2134'</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): 350, 375, 419, 420, 761, 848, 889, 890, 958, 1019, 1065, 1321, 1322, 1362, 1363, 1379, 1380, 1388, 1413, 1485, 1560, 1612, 1613, 1770, 1771, 1777, 1778, 1825, 1859, 2143.

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 8 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

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

Well Name Pond Creek 026 PBTB 2085'

Zone and Perforation Table

Frac Stage 1 Interval			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1768	1771				
N2 Scf			16/30		40,000	40,000
Acid	100					
Gel Volume	23,646					
ISIP	1,297					
ATP	1,698					
AIR	9.8	BPM				
Stage 2 Interval	1,588	1591				
N2 Scf			16/30			
Acid	100					
Gel Volume	13,440					
ISIP	1,252					
ATP	1,502					
AIR	9.5	BPM				
Stage 3 Interval	1,558	1561				
N2 Scf			16/30			
Acid	100					
Gel Volume	12,474					
ISIP	1,079					
ATP	1,586					
AIR	9.6	BPM				
Stage 4 Interval	1,412	1414				
N2 Scf			16/30			
Acid	100					
Gel Volume	11,760					
ISIP	1,027					
ATP	1,478					
AIR	9.32	BPM				
Stage 5 Interval	1,378	1381				
N2 Scf			16/30			
Acid	100					
Gel Volume	14,574					
ISIP	1,411					
ATP	2,216					
AIR	9.56	BPM				

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Well Name Pond Creek 026

PBTD

2085'

Zone and Perforation Table

	1,361	1,364	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval						
N2 Scf					30,000	30,300
Acid	100					
Gel Volume	13,860					
ISIP	1,175					
ATP	2,603			16/30		
AIR	9.72	BPM				
Stage 7 Interval	1,320	1,323			30,000	30,100
N2 Scf						
Acid	100					
Gel Volume	13,860					
ISIP	1,718					
ATP	2,372			16/30		
AIR	10	BPM				
Stage 8 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR		BPM				
Stage 9 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR		BPM				
Stage 10 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR						

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEO-MET

HOLE NO. PC-026

LOCATION: BUG HURLEY

DRILL: RIG 94

DATE STARTED: 10-06-03

ELECTRIC LOGGED: YES

DATE COMPLETED: 10-08-03

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0	17.5	17.5	SAND SH./COAL STR/SANDSTONE	
17.5	25	7.5	SHALE	17.5' W/13-3/8" CASING
25	56	31	SANDY SHALE/COAL STR/SANDSTONE	
56	87	31	SANDSTONE/SANDY SHALE	
87	118	31	SANDSTONE	
118	150	32	SANDY SHALE/COAL STR/SANDSTONE	
150	180	30	SANDY SHALE/COAL-4/SANDSTONE	
180	210	30	SANDSTONE/COAL STR/SANDSTONE	
210	270	60	SANDSTONE	
270	300	30	SANDY SHALE/SANDSTONE STR.	
300	320	20	SANDSTONE	312' W/7" CASING
320	330	10	SANDSTONE	
330	360	30	SANDSTONE/COAL/SANDY SHALE STR	
360	390	30	SANDSTONE/SANDY SHALE STR.	
390	420	30	SANDSTONE/SANDY SH STR./COAL-2'-3'	
420	450	30	SANDSTONE	
450	480	30	SANDSTONE/SANDY SHALE	
480	510	30	SANDY SHALE STR/SANDSTONE	
510	540	30	SANDSTONE/SANDY SHALE	
540	570	30	SANDY SHALE/SANDSTONE STR.	
570	600	30	COAL STR./SANDY SHALE	
600	630	30	SANDSTONE	
630	660	30	SANDY SHALE	
660	690	30	SANDSTONE/SANDY SHALE	
690	720	30	SANDSTONE/SANDY SHALE/COAL STR.	
720	750	30	SANDY SHALE	
750	780	30	COAL-2/SANDSTONE	
780	810	30	SANDY SHALE STR./SANDSTONE	
810	840	30	SANDSTONE/SANDY SHALE	
840	870	30	SANDSTONE	
870	900	30	SANDY SHALE STR/SANDSTONE	
900	930	30	SANDSTONE	
930	960	30	SANDY SHALE/COAL STR/SANDSTONE	
960	990	30	SANDY SHALE	
990	1020	30	SANDY SHALE/COAL STR.	
1020	1050	30	SANDSTONE	
1050	1110	60	SANDY SHALE STR./SANDSTONE	

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GEO-MET
HOLE #PC-026
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1110	1140	30	SANDSTONE
1140	1170	30	SANDY SHALE
1170	1200	30	SANDY SHALE/COAL STR.
1200	1230	30	SANDY SHALE
1230	1260	30	SANDY SHALE/SANDSTONE STRKS.
1260	1290	30	SANDY SHALE/COAL STRKS.
1290	1320	30	SANDY SHALE/SANDSTONE
1320	1350	30	SANDY SHALE
1350	1380	30	COAL STRKS/SANDY SHALE
1380	1410	30	SANDY SHALE
1410	1440	30	SANDY SHALE/SANDSTONE STRKS
1440	1470	30	SANDY SHALE/SANDSTONE
1470	1500	30	SANDSTONE/SANDY SHALE
1500	1530	30	SANDY SHALE/SANDSTONE
1530	1560	30	SANDSTONE/SANDY SHALE/SANDSTONE
1560	1590	30	SANDSTONE/COAL-1575-1578'/SANDY SHALE/COAL STR.
1590	1620	30	SANDSTONE/COAL-1605-1607'/SANDY SH.
1620	1650	30	SANDY SHALE/2 COAL STRKS/SANDSTONE
1650	1680	30	SANDY SHALE/SANDSTONE
1680	1710	30	SANDSTONE/SANDY SHALE STRKS.
1710	1740	30	SANDSTONE/SANDY SHALE STRKS/COAL
1740	1770	30	SANDY SHALE/COAL-1760-1763'/SANDST.
1770	1800	30	SANDY SHALE/SANDSTONE STRKS.
1800	1830	30	COAL - 2 STRKS/SHALE/SANDSTONE/ SANDY SHALE
1830	1860	30	SANDY SHALE/COAL - 1845-1847'
1860	1890	30	SANDY SHALE/SANDSTONE
1890	1920	30	SANDSTONE/COAL-1917-1920'
1920	1950	30	COAL W/SHALE-1920'-1923'/SANDY SHALE
1950	1980	30	SHALEW/POSS.COAL/SANDY SHALE
1980	2010	30	SANDSTONE/SANDY SHALE STRKS
2010	2040	30	SANDSTONE/SHALE STRKS.
2040	2070	30	SANDSTONE/SHALE STRKS.
2070	2100	30	SANDSTONE/SHALE STRKS.
2100	2140	40	SANDSTONE/SANDY SHALE 2137.76 W/4-1/2" CASING

TOTAL DEPTH: 2140
17.5'W/13-3/8" CASING
312'W/7" CASING
2137.76'W/4-1/2" CASING
