

TEE Engineering Company, Inc.
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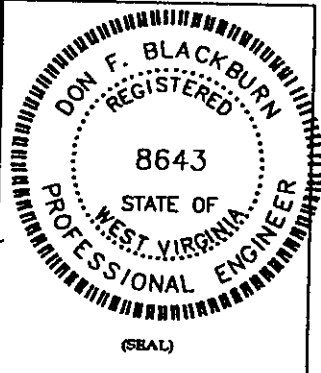
GeoMet Operating Company, Inc.
 Well No. Pond Creek 114-105-104

FILE NO. 1883-08/2003 WELLS
 DRAWING NO. POND CREEK 104 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.B. 8643 R.P.S.



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

DATE APRIL 15, 2003
 OPERATOR'S WELL NO. POND CREEK 114-105-104

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

LOCATION: ELEVATION 2,069.40' NORTHING 109729.35 EASTING 1785909.12
 DISTRICT BIG CREEK WATER SHED LITTLE SLATE CREEK
 QUADRANGLE WAR 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 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 1,635'
 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

(Bonds 270)

JUN 2 0 2003

M420W 1805C

Art

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 114-105-104

LOCATION:

Elevation: 2,069.40' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 8,034 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 12,500 Feet West of 81 Deg. 42 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>16"</u>	<u>20'</u>	<u>20'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>8-5/8"</u>	<u>331'</u>	<u>331'</u>	<u>71 / Pumped 210</u>
Date Permit Issued: <u>July 19, 2003</u>				
Date Well Work Commenced: <u>October 7, 2003</u>	<u>5-1/2"</u>	<u>1700'</u>	<u>1700'</u>	<u>295 / Pumped 312</u>
Date Well Work Completed: <u>November 6, 2003</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>1710'</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): 383, 436, 437, 438, 439, 464, 493, 563, 627, 752, 753, 756, 757, 758, 759, 760, 877, 888, 937, 957, 986, 1028, 1047, 1174, 1207, 1254, 1345, 1416, 1426, 1544, 1546, 1553, 1705.

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 119 psig (surface pressure) after 96 Hours

RECEIVED
Office of Oil & Gas
Office of Chief
APR 12 2004
WV Department of
Environmental Protection

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: AGENT
DATE: 4-7-04

McDow 1805

JUN 11 2004

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

Well Name Pond Creek 104

PBTD 1700'

Zone and Perforation Table

Frac Stage 1 Interval			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1544	1547				
N2 Scf	190,000		1450'		20,000	5,000
Acid	200					
Gel Volume	3,650					
ISIP	2,416					
ATP	3,486					
AIR	22	BPM				
Stage 2 Interval	1,344	1347				
N2 Scf	267,000		1310'			
Acid	250					
Gel Volume	4,900					
ISIP	1,461					
ATP	3,165					
AIR	20	BPM				
Stage 3 Interval	1,253	1256				
N2 Scf	231,000		1240'			
Acid	135					
Gel Volume	5,980					
ISIP	1,737					
ATP	2,471					
AIR	27	BPM				
Stage 4 Interval	1,205	1208				
N2 Scf	208,000		1190'			
Acid	250					
Gel Volume	4,850					
ISIP	1,300					
ATP	2,466					
AIR	26	BPM				
Stage 5 Interval	1,172	1175				
N2 Scf	145,000		1090'			
Acid	250					
Gel Volume	4,020					
ISIP	999					
ATP	1,906					
AIR	30	BPM				

Well Name Pond Creek 104

PBTD

1700'

Zone and Perforation Table

	956	958	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval						
N2 Scf	189,000		985-987 Ball Out 920'		20,000	20,000
Acid	450					
Gel Volume	6,100					
ISIP	804					
ATP	2,189					
AIR	21	BPM				
Stage 7 Interval	875	878				25,000
N2 Scf	194,000		No Plug			
Acid	250					
Gel Volume	5,400					
ISIP	4,300					
ATP	2,266					
AIR	26	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						

McDow 1805

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEO-MET

HOLE NO. PC-104

LOCATION: BUG HURLEY

DRILL: RIG 23

DATE STARTED: 09-30-03

ELECTRIC LOGGED: YES

DATE COMPLETED: 10-08-03

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0	20	20	OVERBURDEN	20' W/16" CASING
20	46.5	26.5	SANDSTONE	
46.5	120	73.5	SANDSTONE	
120	150	30	SANDSTONE/SANDY SHALE	
150	180	30	SANDSTONE	
180	210	30	SANDSTONE/COAL STR./SANDSTONE	
210	240	30	SANDSTONE	
240	270	30	SANDSTONE/SANDY SHALE	
270	300	30	SANDY SHALE/SANDSTONE	
300	330	30	SANDSTONE	331' W/8-5/8" CASING
330	340	10	SANDY SHALE/SANDSTONE	
340	820	480	SANDY SHALE	
820	830	10	SANDSTONE	
830	860	30	SANDSTONE/SANDY SHALE	
860	890	30	SANDY SHALE/COAL-3'/SANDSTONE	
890	950	60	SANDSTONE/SANDY SHALE	
950	980	30	SANDY SHALE/COAL STR./SANDSTONE	
980	1010	30	SANDSTONE/SANDY SHALE	
1010	1040	30	SANDY SHALE/SANDSTONE	
1040	1070	30	COAL STR./SANDSTONE	
1070	1100	30	SANDSTONE/SANDY SHALE	
1100	1130	30	SANDY SHALE/SANDSTONE	
1130	1160	30	SANDSTONE	
1160	1190	30	SANDSTONE/SANDY SHALE	
1190	1220	30	SANDY SHALE/COAL STR/SANDSTONE	
1220	1250	30	SANDSTONE/SANDY SHALE	
1250	1280	30	SANDY SHALE/COAL STR/SANDSTONE	
1280	1310	30	SANDSTONE/SANDY SHALE	
1310	1340	30	SANDY SHALE/SANDSTONE	
1340	1370	30	SANDSTONE/SANDY SHALE/COAL STR	
1370	1400	30	SANDSTONE/SANDY SHALE	
1400	1430	30	SANDY SHALE/SANDSTONE/SANDY SHALE	
1430	1460	30	SANDY SHALE/SANDSTONE	
1460	1490	30	SANDSTONE/SANDY SHALE	
1490	1520	30	SANDY SHALE/SANDSTONE	
1520	1550	30	SANDSTONE/SANDY SHALE	
1550	1580	30	SANDY SHALE/SANDSTONE	