

TEE Engineering Company, Inc.
 320 Chesapeake Hill Court
 Lexington, KY 40509
 (859) 263-5330
 Fax (859) 263-5345

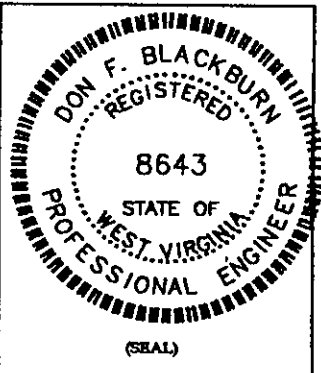
GeoMet Operating Company, Inc.
Well No. Pond Creek 112-105-132

FILE NO. 1883-08/2004 WELLS
 DRAWING NO. POND CREEK 132 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 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 20, 2004
 OPERATOR'S WELL NO. POND CREEK 112-105-132

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

LOCATION: ELEVATION 1,568.00' NORTHING 110119.15 EASTING 1780937.44
 DISTRICT BIG CREEK WATER SHED MUDLICK BR. OF LITTLE SLATE 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 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 1,261'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 ADDRESS 330 HARPER PARK DRIVE SUITE A
BIRMINGHAM, ALABAMA 35244 BECKLEY, WV 25801

6-6 BRADSHAW (270)

MCDOWELL 1902 C

M 17

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 LP OPERATOR WELL NO.: PC 112-105-132

LOCATION:

Elevation: 1,568' Quadrangle: Bradshaw

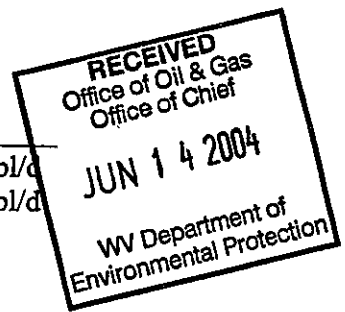
District: Big Creek County: McDowell
Latitude: 889 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 12,149 Feet West of 81 Deg. 45 Min. 00 Sec.

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>28'</u>	<u>28'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>8-5/8"</u>	<u>332'</u>	<u>332'</u>	<u>75 / Pumped 144</u>
Date Permit Issued: <u>March 31, 2004</u>				
Date Well Work Commenced: <u>5/19/2004</u>	<u>5-1/2"</u>	<u>1274'</u>	<u>1274'</u>	<u>221 / Pumped 241</u>
Date Well Work Completed: <u>5/27/2004</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>1279'</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): 343, 344, 345, 346, 347, 348, 413, 419, 449, 512, 528, 550, 576, 620, 644, 795, 796, 836, 837, 923, 924, 1012, 1061, 1118

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 130 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 Dyer
DATE: 6/10/2004

MCDOWELL 1902

JUN 18 2004

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET

HOLE #: PC-132

LOCATION: BUG HURLEY

DRILL RIG #: 94

DATE STARTED: 05/18/04

DATED COMPLETED: 05/21/04

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	17	17	OVERBURDEN	
17	28	11	SAND STONE / COAL SHALE 27.75' W/ 13 3/8" CASING	
28	34	6	SANDY SHALE	
34	96	62	SANDY SHALE / COAL / SANDY SHALE	
96	127	31	SANDY SHALE	
127	160	33	SANDY SHALE / COAL / SANDY SHALE	
160	190	30	SANDY SHALE / SAND	
190	220	30	SAND/SANDY SHALE	
220	250	30	SANDY SHALE / COAL / SANDY SHALE	
250	310	60	SANDY SHALE / SAND STONE STR	
310	340	30	SAND STONE STR / SANDY SHALE 332' W/ 8 5/8" CASING	
340	350	10	SANDY SHALE	
350	360	10	SANDY SHALE / SAND	
360	390	30	SAND	
390	420	30	SAND / SANDY SHALE / COAL / SANDY SHALE	
420	450	30	SANDY SHALE / COAL / SANDY SHALE	
450	510	60	SANDY SHALE	
510	540	30	SANDY SHALE / COAL / SANDY SHALE / COAL / SANDY SHALE	
540	570	30	SANDY SHALE / SAND / SANDY SHALE	
570	600	30	SANDY SHLAE / COAL / SANDY SHALE / SAND	
600	630	30	SANDY SHALE / COAL / SAND	
630	660	30	SAND / SANDY SHALE	
660	690	30	SANDY SHALE / SAND	
690	720	30	SAND	
720	750	30	SANDY SHALE / COAL / SHALE	
750	780	30	SHALE / SAND	
780	810	30	SAND STONE / COAL 3 FT / SANDY SHALE / SAND STONE	
810	840	30	SAND STONE / COAL 3 / SAND STONE / SANDY SHALE	
840	870	30	SAND STONE / SANDY SHALE / SAND STONE	
870	900	30	SANDY SHALE / SAND STONE / SANDY SHALE STRKS	
900	930	30	SAND STONE / SANDY SHALE / COAL 2	
930	960	30	SAND STONE / SANDY SHALE / SAND STONE	

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 GEOMET OPERATING CO
 POND CREEK 132

FROM	TO	FT.	DESCRIPTION
960	990	30	SAND STONE / SANDY SHALE
990	1020	30	SANDY SHALE / COAL 2 / SAND STONE
1020	1050	30	SAND STONE / SANDY SHALE STRKS
1050	1080	30	SAND STONE
1080	1110	30	SANDY SHALE / POSS COAL STR / SAND STONE
1110	1140	30	COAL 3FT / SANDY SHALE / SAND STONE
1140	1170	30	SAND STONE / SANDY SHALE / SAND STONE
1170	1200	30	SAND STONE / SANDY SHALE STR
1200	1230	30	SAND STONE
1230	1260	30	SANDY SHALE / SAND STONE / SANDY SHALE
1260	1275	15	SAND STONE / SANDY SHALE STR

1275.00 FT. TOTAL DEPTH
 27.75 FT. OF 13 3/8" CASING
 332.00 FT. OF 8 5/8" CASING

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GeoMet Operating Company, Inc. Perforation and Frac Volume Specification

Well Name PC 132

PBTD

1274'

Zone and Perforation Table

Frac Stage	Interval		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1118	1120				
Stage 1 Interval	1118	1120	30 Balls on Bottom No Plug		15,000	4,400
N2 Scf	218,000					
Acid	400					
Gel Volume	8,881	Gal				
ISIP	3,186					
ATP	3,774					
AIR	14	BPM				
Stage 2 Interval	923	925	1003' - 1005' Ball Out 870'		18,000	8,600
N2 Scf	275,000					
Acid	500					
Gel Volume	6,943					
ISIP	1,998					
ATP	3,684					
AIR	25	BPM				
Stage 3 Interval	836	838	820'		20,000	21,400
N2 Scf	290,000					
Acid	200					
Gel Volume	10,000					
ISIP	1,533					
ATP	2,713					
AIR	30	BPM				
Stage 4 Interval	795	797	48 Balls on Plug 600'		20,000	20,700
N2 Scf	211,000					
Acid	200					
Gel Volume	6,855					
ISIP	1,538					
ATP	2,498					
AIR	27	BPM				
Stage 5 Interval	511	513	527' - 529'/549' - 551' 576' - 578' Ball Out		43,000	44,500
N2 Scf	234,000					
Acid	450					
Gel Volume	9,700					
ISIP	782					
ATP	1,918					
AIR	35	BPM				

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Well Name PC 132

PBTD

1274'

Zone and Perforation Table

Stage Interval	448	450	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval						
N2 Scf	117,000		No Plug		20,000	21,000
Acid	200					
Gel Volume	5,100					
ISIP	701					
ATP	1,711					
AIR	25	BPM				
Stage 7 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR		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						