

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

18" HICKORY
 13" POPLAR
 PROPOSED POND CREEK 115-106-110

REFERENCES SCALE: 1"=100'

WELL COORDINATES
 WV STATE PLANE
 SOUTH ZONE NAD 1927
 N. 111470.29
 E. 1788048.89

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

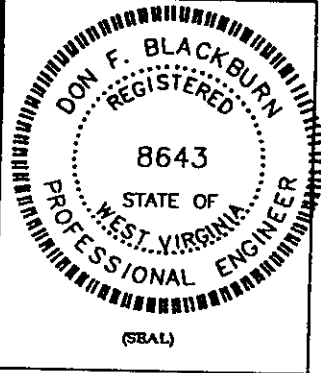
GeoMet Operating Company, Inc.
Well No. Pond Creek 115-106-110

FILE NO. 1883-08/2003 WELLS
 DRAWING NO. POND CREEK 110 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 APRIL 15, 2003
 OPERATOR'S WELL NO. POND CREEK 115-106-110

WELL NO. 47 - 047
 STATE COUNTY PERMIT 01808-C

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

LOCATION: ELEVATION 2,136.24' NORTHING 111470.29 EASTING 1788048.89
 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 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 1665
 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

McDow 1808-C

Blackburn

JUN - 8 2003

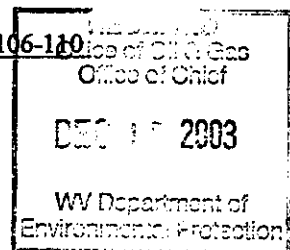
MAY 20 2003

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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 115-106-180



LOCATION:

Elevation: 2,136.24' Quadrangle: WAR

District: Big Creek County: McDowell
Latitude: 5,908 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 10,742 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>21'</u>	<u>21'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>11-3/4"</u>	<u>305'</u>	<u>305'</u>	<u>183 / Pumped 192</u>
Date Permit Issued:				
Date Well Work Commenced: <u>Sept. 12, 2003</u>	<u>8-5/8"</u>	<u>903'</u>	<u>903'</u>	<u>203 / Pumped 216</u>
Date Well Work Completed: <u>Sept. 25, 2003</u>				
Verbal Plugging:	<u>5-1/2"</u>	<u>1825'</u>	<u>1825'</u>	<u>316 / Pumped 351</u>
Date Permission granted on: <u>June 19, 2003</u>				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>1819'</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): 945, 1041, 1071, 1131, 1293, 1339, 1423, 1609, 1826.

OPEN FLOW DATA

Producing formation All Zones Commingles 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 12 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: Andrea Smith
 DATE: Dec. 8, 2003

FEB 27 2004

M = Dow 1808

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

Well Name Pond Creek 110

PBTD 1820'

Zone and Perforation Table

Frac Stage 1 Interval			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1607	1610				
N2 Scf	211,000		1500'		20,000	17,000
Acid	200					
Gel Volume	5,700					
ISIP	2,463					
ATP	3,108					
AIR	22	BPM				
Stage 2 Interval	1,421	1424				
N2 Scf	245,000		1400'			
Acid	200					
Gel Volume	7,000					
ISIP	930					
ATP	2,588					
AIR	31	BPM				
Stage 3 Interval	1,338	1341				
N2 Scf	216,000		1320'			
Acid	200					
Gel Volume	6,900					
ISIP	1,302					
ATP	2,220					
AIR	31	BPM				
Stage 4 Interval	1,291	1294				
N2 Scf	228,000		24 Frac Balls On Plug @ 1150'			
Acid	200					
Gel Volume	6,600					
ISIP	979					
ATP	2,577					
AIR	32	BPM				
Stage 5 Interval	1,040	1042				
N2 Scf	293,000		1070-1072 Ball Out 990'			
Acid	500					
Gel Volume	9,700					
ISIP	1,151					
ATP	2,765					
AIR	32	BPM				

Well Name Pond Creek 110

PBTD

1820'

Zone and Perforation Table

	943	946	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval						
N2 Scf	129,000		No Plug		20,000	22,000
Acid	200	15%				
Gel Volume	5,100					
ISIP	387					
ATP	1,495					
AIR	26	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						

FEB 27 2004

McDow 1808

DRILL DATA HOLE - NOAH HORN WELL DRILLING INC

COMPANY: GEOMET OPERATING CO HOLE: PC-110
LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 23
DATE STARTED: 09-11-03 DATE COMPLETED: 09-19-03
ELECTRIC LOGGED: YES GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0	15	15	OVERBURDEN	
15	21	6	SANDSTONE	21' W/ 16" CASING
21	30	9	SANDSTONE	
30	56	26	SANDSTONE / COAL STR /	
			SANDY SHALE	
56	86	30	SANDY SHALE/SANDSTONE	
86	176	90	SANDSTONE	
176	206	30	SANDSTONE / SANDY SHALE	
206	266	60	SANDSTONE	
266	350	84		305' W/ 11" CASING
350	380	30	SANDY SHALE	
380	500	120	SANDSTONE	
500	530	30	SANDSTONE / SHALE	
530	590	60	SANDY SHALE	
590	620	30	SANDY SHALE / SANDSTONE	
620	680	60	SANDSTONE	
680	710	30	SANDSTONE / SANDY SHALE	
710	740	30	SANDY SHALE / SANDSTONE	
740	770	30	SANDSTONE / SANDY SHALE	
			SANDSTONE	
770	800	30	SANDSTONE / SANDY SHALE	
800	828	28	SANDY SHALE	
828	833	5		VOID
833	860	27	SANDSTONE	
860	890	30	SANDSTONE / COAL STR /	
			SANDY SHALE	
890	920	30	SANDY SHALE / SANDSTONE	
				903' W/ 8 5/8" CASING
920	950	30	SANDY SHALE / COAL 2 / SANDSTONE	
950	980	30	SANDSTONE / SANDY SHALE	
980	1010	30	COAL STR / SANDSTONE	

GEOMET
HOLE: PC-110
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FROM	TO	FT.	DESCRIPTION
1010	1040	30	SANDSTONE
1040	1070	30	SANDSTONE / SANDY SHALE / COAL 2
1070	1100	30	SANDSTONE / SANDY SHALE
1100	1130	30	SANDSTONE / COAL STR
1130	1160	30	SANDSTONE / SANDY SHALE
1160	1190	30	COAL STR / SANDY SHALE/SANDSTONE
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	SANDY SHALE / SANDSTONE
1310	1340	30	COAL STR / SANDY SHALE
1340	1370	30	SANDY SHALE / COAL / SANDSTONE
1370	1430	60	SANDSTONE / SANDY SHALE
1430	1460	30	SANDSTONE / COAL STR / SANDY SHALE
1460	1490	30	SANDSTONE / SANDY SHALE / COAL
1490	1520	30	SANDSTONE / SANDY SHALE
1520	1550	30	SANDY SHALE / COAL STR SANDSTONE
1550	1580	30	SANDY SHALE / SANDSTONE / COAL STR
1580	1610	30	SANDSTONE / SANDY SHALE / COAL
1610	1640	30	SANDY SHALE
1640	1670	30	SANDY SHALE / SANDSTONE / COAL
1670	1700	30	COAL 1675-SANDY SHALE / COAL SHALE
1700	1730	30	SANDY SHALE / SANDSTONE
1730	1760	30	SANDSTONE / SANDY SHALE
1760	1790	30	SANDY SHALE
1790	1825.26	35.26	SANDY SHALE / RED SHALE

1825.26 FT. TOTAL DEPTH
21.00 FT. OF 16" CASING
305.00 FT. OF 11" CASING
903.00 FT. OF 8 5/8" CASING
1825.26 FT. OF 5 1/2" CASING

FEB 17 2004

M - Dow 1808