

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

TEE Engineering Company, Inc.
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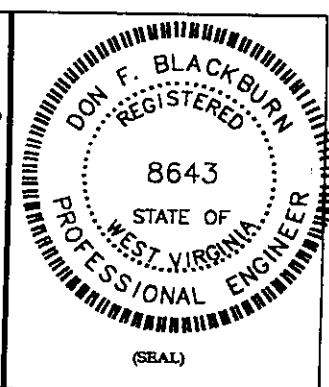
GeoMet Operating Company, Inc.
 Well No. Pond Creek 102-103-013

FILE NO. 1883-08/2003 WELLS
 DRAWING NO. WELL POND CREEK 13 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 102-103-013

WELL NO. 47 - 047 - 01819C
 NO. STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2,481.11' NORTHING 105460.82 EASTING 1760362.94
 DISTRICT SANDY RIVER WATER SHED DRY MONDAY BRANCH OF 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 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 2,396'
 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)

APR 08 2003

M'Dow 1819C

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

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

(Handwritten initials)

Well Operator's Report of Well Work

FARM NAME: Plum Creek Timberlands OPERATOR WELL NO.: PC 102-103-013

LOCATION:

Elevation: 2,481.00' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 9,303 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude: 1,813 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>27'</u>	<u>27'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>7"</u>	<u>498'</u>	<u>498'</u>	<u>181 / Pumped 120</u>
Date Permit Issued:				
Date Well Work Commenced: <u>Sept. 26, 2003</u>	<u>4-1/2"</u>	<u>2244'</u>	<u>2244'</u>	<u>230 / Pumped 299</u>
Date Well Work Completed: <u>October 21, 2003</u>				
Verbal Plugging:				
Date Permission granted on: <u>August 7, 2003</u>				
Rotary <u>XXXX</u> Cable <u>Rig</u>				
Total Depth (feet): <u>2268'</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): 523, 558, 604, 611, 761, 908, 987, 1113, 1184, 1225, 1473, 1474, 1475, 1476, 1527, 1529, 1575, 1711, 1718, 1754, 1779, 1848, 1849, 1850, 1867, 1926, 1927, 1928, 1929, 2029, 2097, 2099, 2016, 2263.

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 17 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 013 PBTB 2250'

Zone and Perforation Table

Frac Stage 1 Interval			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	2096	2100				
N2 Scf	211,000				30,000	30,300
Acid	50					
Gel Volume	8,232					
ISIP	1,567					
ATP	2,318					
AIR	11	BPM				
Stage 2 Interval	1,925	1929				
N2 Scf	330,000					
Acid	50					
Gel Volume	9,072					
ISIP	1,373					
ATP	2,483					
AIR	14	BPM				
Stage 3 Interval	1,846	1850				
N2 Scf	112,000					
Acid	50					
Gel Volume	4,620					
ISIP	4,268					
ATP	3,068					
AIR	12.5	BPM				
Stage 4 Interval	1,753	1755				
N2 Scf	237,000					
Acid	50					
Gel Volume	6,132					
ISIP	1,434					
ATP	2,546					
AIR	11	BPM				
Stage 5 Interval	1,574	1576				
N2 Scf	179,000					
Acid	50					
Gel Volume	5,754					
ISIP	1,028					
ATP	2,208					
AIR	11.5	BPM				

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Well Name Pond Creek 013

PBTD 2250'

Zone and Perforation Table

			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval	1,544	1,546				
N2 Scf	89,000				5,000	5,000
Acid	50					
Gel Volume	5,166					
ISIP	1,258					
ATP	2,333					
AIR	9.5	BPM				
Stage 7 Interval	1,526	1,530			25,000	25,500
N2 Scf	201,000					
Acid	50					
Gel Volume	6,720					
ISIP	1,258					
ATP	2,184					
AIR	11	BPM				
Stage 8 Interval	1,473	1,476			30,000	30,800
N2 Scf	316,000					
Acid	150					
Gel Volume	8,862					
ISIP	1,434					
ATP	2,796					
AIR	12	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: GEOMET OPERATONG CO

HOLE NO.: PC-013

LOCATION: BUG HURLEY HOLLOW

DRILL: RIG # 94

DATE STARTED: 09-25-03

DATE COMPLETED: 09-30-03

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION VOIDS ETC	
0	8	8	OVERBURDEN	
8	26	18	SANDY SHALE	
26	27.65	1.65	SHALE	27.65' W/ 13 3/8" CASING
27.65	56	28.35	SANDY SHALE	
56	87	31	SANDY SHALE / SANDSTONE / COAL STR	
87	118	31	SANDSTONE / SANDY SHALE STR	
118	150	32	SANDSTONE / COAL STR / SANDY SHALE	
150	180	30	SAND / SANDY SHALE / COAL 2 / SANDY SHALE	
180	240	60	SANDSTONE	
240	270	30	SANDY SHALE / SANDSTONE / SANDY SHALE / COAL STR	
270	300	30	SANDY SHALE / SANDSTONE	
300	330	30	COAL 310-13' / SANDY SHALE	
330	360	30	SANDY SHALE / COAL STR / SANDSTONE	
360	390	30	SANDSTONE / COAL STR / SANDSTONE	
390	420	30	SANDSTONE	
420	450	30	SANDY SHALE STR / SANDSTONE	
450	480	30	SANDSTONE	
480	510	30	SANDY SHALE / SANDSTONE	
510	515	5	SANDSTONE	
515	545	30	SANDSTONE / COAL STR / SANDY SHALE	
545	575	30	SANDSTONE / COAL STR / SANDSTONE	
575	605	30	SANDSTONE / COAL STR 2 / SANDY SH STR	
605	635	30	SANDY SHALE / COAL	
635	665	30	SANDY SHALE / SANDSTONE / COAL STR	
665	695	30	SANDSTONE	
695	725	30	SANDSTONE / SANDY SHALE STR / SANDSTONE	
725	755	30	SANDY SHALE STR / SANDSTONE	
755	785	30	COAL STR / SANDSTONE	
785	815	30	SANDSTONE	
815	845	30	SANDSTONE / SANDY SHALE STR	
845	875	30	SANDSTONE	
875	905	30	SANDSTONE / SANDY SHALE STR SANDSTONE	
905	965	60	SANDSTONE/SANDY SHALE STR	
965	995	30	SANDSTONE	
995	1025	30	SANDY SHALE	
1025	1055	30	SANDSTONE / SANDY SHALE STR SANDSTONE	
1055	1085	30	SANDSTONE / SANDY SHALE STR	
1085	1145	60	SANDSTONE	

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 GEOMET OPERATING COMPANY
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FROM	TO	FT.	DESCRIPTION
1145	1175	30	SANDSTONE / SANDY SHALE / COAL STR
1175	1205	30	COAL 2 / SANDSTONE / SHALE STR
1205	1235	30	SANDSTONE / COAL 2-3 / SANDY SHALE
1235	1265	30	SANDY SHALE / POSS COAL STR / SANDSTONE STR
1265	1295	30	SANDY SHALE / SANDSTONE
1295	1385	90	SANDSTONE / SHALE STR
1385	1415	30	SANDSTONE / SANDY SHALE STR
1415	1445	30	SANDSTONE
1445	1475	30	SANDSTONE / COAL 1460-65 / SANDY SHALE
1475	1505	30	SANDY SHALE / COAL 1490-93 / SANDSTONE STR
1505	1535	30	SANDSTONE / COAL 1517-30' / SANDSTONE / SANDY SHALE
1535	1565	30	SANDY SHALE / SANDSTONE / COAL STR
1565	1595	30	SANDSTONE / SANDY SHALE / SANDSTONE
1595	1625	30	SANDSTONE
1625	1640	15	SANDSTONE QUARTZ
1640	1655	15	SANDSTONE
1655	1685	30	SANDSTONE / SANDY SHALE
1685	1715	30	SANDSTONE / SANDY SHALE STR
1715	1745	30	SANDSTONE
1745	1775	30	SANDY SHALE / SANDSTONE / SANDY SHALE STR
1775	1805	30	SANDY SHALE / SAND
1805	1835	30	SANDY SHALE
1835	1865	30	SANDY SHALE / COAL STR / SANDSTONE
1865	1895	30	SANDSTONE / SANDY SHALE
1895	1925	30	SANDSTONE / COAL STR / SANDSTONE
1925	1955	30	SANDY SHALE
1955	1985	30	SANDY SHALE / SANDSTONE
1985	2015	30	SANDSTONE / SANDY SHALE STR / COAL 2
2015	2045	30	SANDSTONE / SANDY SHALE / SANDSTONE
2045	2075	30	SANDSTONE / SANDY SHALE STR
2075	2105	30	SANDSTONE STR / COAL / SHALE
2135	2165	30	SANDY SHALE STR / SANDSTONE
2165	2255	90	SANDSTONE / SHALE STR TD 6 1/4" HOLE 2242.03' W/ 4 1/2" CASING

2255.00 FT. TOTAL DEPTH
 27.65 FT. OF 13 3/8' CASING
 498.00 FT. OF 7" CASING
 2242.03 FT. OF 4 1/2" CASING