

TEE Engineering Company, Inc.
520 Coates Hill Court
Lexington, KY 40509
(605) 263-3299
Fax (605) 263-3345

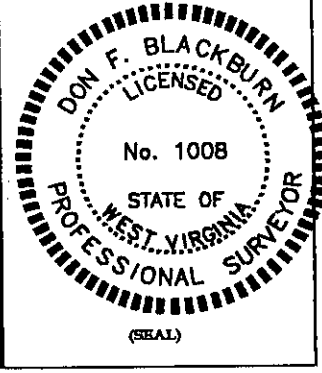
GeoMet Operating Company, Inc.
Well No. Pond Creek 101-103-121

FILE NO. 1883-08/2003 WELLS
DRAWING NO. WELL POND CREEK 121 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. _____ R.P.S. 1008



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

DATE MAY 17, 2004
OPERATOR'S WELL NO. POND CREEK 101-103-121

WELL NO. 47 - STATE 047 - COUNTY PERMIT 01926C

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

LOCATION: ELEVATION 2,024.79' NORTHING 105172.91 EASTING 1758743.45
DISTRICT SANDY RIVER WATER SHED MIDDLE FORK OF BRADSHAW CREEK
QUADRANGLE BRADSHAW COUNTY McDOWELL

SURFACE OWNER THE FORESTLAND GROUP, LLC ACREAGE 9,907.37
CBM ROYALTY OWNER PLUM CREEK TIMBERLANDS LP. 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 _____ 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 1,787'
WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 BIRMINGHAM, ALABAMA 35244 ADDRESS 330 HARPER PARK DRIVE SUITE A BECKLEY, WV 25801

McDOW 1926C

(Bradshaw 270) 6-6

JUN 25 2004

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

Well Operator's Report of Well Work

FARM NAME: The Forest Land Group OPERATOR WELL NO.: PC 101-103-121

LOCATION:
Elevation: 2,024.79' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 10.920 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude: 2.115 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>21'</u>	<u>21'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>7"</u>	<u>333'</u>	<u>333'</u>	<u>85/Pumped 120</u>
Date Permit Issued: <u>June 23, 2004</u>				
Date Well Work Commenced: <u>July 28, 2004</u>	<u>4-1/2"</u>	<u>1800'</u>	<u>1800'</u>	<u>312/Pumped 345</u>
Date Well Work Completed: <u>August 12, 2004</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u>Rig</u>				
Total Depth (feet): <u>1809.69'</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): <u>461, 551, 582, 658, 763, 1016, 1017, 1018, 1053, 1054, 1066, 1068, 1081, 1109, 1241, 1245, 1283, 1306, 1373, 1375, 1396, 1619</u>				

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 220 psig (surface pressure) after 96 Hours

SEP 24 2004

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 Rife
DATE: _____

RECEIVED
Office of Oil & Gas
Office of Chief
AUG 17 2004
WV Department of
Environmental Protection

Mc Dow 1926

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET

HOLE #: PC-121

LOCATION: THREE FORKS

DRILL RIG #: 94

DATE STARTED: 07-26-04

DATED COMPLETED: 08-02-04

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	15	15	OVERBURDEN	
15	20.50	5.50	SHALE / SAND STONE	
20.50	30	9.50	20.5' W/ 13 3/8" CASING	
30	61	31	SAND STONE	
61	92	31	SAND STONE / SANDY SHALE / COAL STR	
92	123	31	SANDY SHALE / COAL STR / SAND STONE	
123	154	31	SAND STONE / COAL STR / SAND SHALE	
154	185	31	SANDY SHALE / SAND STONE / SANDY SHALE	
185	215	30	SANDY SHALE / COAL STR	
215	245	30	SAND STONE / SANDY SHALE	
245	275	30	SANDY SHALE / COAL STR / SAND STONE	
275	305	30	SAND STONE / SANDY SHALE / COAL STR	
305	335	30	SANDY SHALE / COAL STR	
335	345	10	SANDY SHALE / SAND STONE / SANDY SHALE	
345	360	15	332.5' W/ 8 5/8" CASING	
360	420	60	SANDY SHALE / SAND STONE STR	
420	450	30	SAND	
450	480	30	SAND / SANDY SHALE	
480	510	30	SANDY SHALE	
510	540	30	SANDY SHALE / COAL / SAND / SANDY SHALE	
540	570	30	SANDY SHALE / SAND	
570	600	30	SAND	
600	630	30	SANDY SHALE / COAL / SANDY SHALE / SAND	
630	660	30	SAND / COAL / SANDY SHALE / SAND	
660	690	30	SAND	
690	720	30	SAND / COAL / SANDY SHALE	
720	750	30	SANDY SHALE / SAND / SANDY SHALE	
750	780	30	SANDY SHALE / SAND	
780	810	30	SAND	
810	960	150	SAND / SANDY SHALE	
960	990	30	SAND	
990	1020	30	SAND STONE / SANDY SHALE STR	
1020	1050	30	SAND STONE / SANDY SHALE / COAL STR / SAND STONE	
1050	1080	30	SAND STONE STR / COAL STR / SHALE / COAL 3 / SANDY SHALE / SAND STONE	
1080	1110	30	SAND STONE / SANDY SHALE / COAL 2 / SAND STONE / SHALE / COAL STR / SAND STONE	
1110	1140	30	SAND STONE STR / SHALE / COAL 2 / SANDY SHALE	
			SANDY SHALE / POSS COAL / SAND STONE	

SEP 24 2004

GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification

Well Name Pond Creek 121

PBTD 1800'

Zone and Perforation Table

Frac Stage Interval	1496' - 1498'		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1619	1621				
N2 Scf	213,000		1420'		15,000	15,600
Acid	250	15%				
Gel Volume	6,090	GAL				
ISIP	1,532					
ATP	2,346					
AIR	26	BPM				
Stage 2 Interval	1,372	1375				
N2 Scf	260,000		1395' - 1397'	1330'		
Acid	250	15%				
Gel Volume	6,880	GAL				
ISIP	1,445					
ATP	2,368					
AIR	28	BPM				
Stage 3 Interval	1,282	1284				
N2 Scf	296,000		1305' - 1307'	30 Balls on Plug @ 1270'		
Acid	250	7.5%				
Gel Volume	6,972	GAL				
ISIP	1,564					
ATP	3,017					
AIR	26	BPM				
Stage 4 Interval	1,241	1244				
N2 Scf	250,000		1165' - 1167'	1241' - 1244'		
Acid	450	15%				
Gel Volume	7,770	GAL				
ISIP	1,422					
ATP	2,582					
AIR	26	BPM				
Stage 5 Interval	1,053	1055				
N2 Scf	434,000		1080' - 1082'/1065' - 1068'	1108' - 1110'		
Acid	450	15%				
Gel Volume	12,430					
ISIP	1,528					
ATP	2,792					
AIR	38	BPM				

PAGE 2
 GEOMET OPERATING CO
 PC-121

FROM	TO	FT.	DESCRIPTION
1140	1170	30	SAND STONE / SANDY SHALE / 2 COAL STR
1170	1200	30	SAND STONE / SANDY SHALE STR
1200	1230	30	SANDY SHALE / SHALE W/ COAL STR / SAND STONE STR
1230	1260	30	SANDY SHALE / COAL STR / SAND STONE
1260	1290	30	SAND STONE / SANDY SHALE / 2-COAL STR / SAND STONE STR
1290	1320	30	SAND STONE / COAL STR / SANDY SHALE / SAND STONE / SANDY SHALE
1320	1350	30	SAND STONE / SHALE W/COAL STR / SAND STONE
1350	1380	30	SAND STONE / SANDY SHALE / COAL 2
1380	1410	30	SANDY SHALE / COAL STR / SAND STONE
1410	1475	65	SAND STONE / SANDY SHALE STR
1475	1505	30	SANDY SHLAE / 3 COAL STR / SAND STONE STR
1505	1535	30	SAND STONE / SANDY SHALE STR
1535	1565	30	SAND STONE / SANDY SHALE STR / COAL STR
1565	1595	30	SANDY SHALE / COAL STR / SAND STONE / SAND SHALE STR
1595	1625	30	SAND STONE / SANDY SHALE / COAL 3-5
1625	1655	30	SANDY SHALE / COAL 2/SAND STONE
1655	1685	30	SAND STONE / SANDY SHALE / POSS COAL & SHALE / SAND STONE
1685	1715	30	SAND STONE / SHALE STR
1715	1745	30	SAND STONE / SANDY SHALE
1745	1775	30	SANDY SHALE / SAND STONE / SANDY SHALE / SAND STONE
1775	1805	30	SANDY SHALE / SAND STONE STR

1805.00 FT. TOTAL DEPTH
 20.50 FT. OF 13 3/8" CASING
 332.50 FT. OF 8 5/8" CASING
 1799.80 FT. OF 5 1/2" CASING

1799.8' W/ 5 1/2" CASING
 TD 7 7/8" HOLE

SEP 24 2004

Mc Dow 1926

Well Name Pond Creek 121

PBTD

1800'

Zone and Perforation Table

Stage Interval	1,016	1,019	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval						
N2 Scf	327,000		40 Balls on Plug @ 800'		20,000	20,500
Acid	250	15%				
Gel Volume	6,888					
ISIP	1,507					
ATP	2,796					
AIR	26	BPM				
Stage 7 Interval	550	552			15,000	10,000
N2 Scf	153,000		581' - 585'/657' - 659' 762' - 764' Balled Out No Plug			
Acid	500					
Gel Volume	5,586					
ISIP	1,083					
ATP	2,116					
AIR	28	BPM				
Stage 8 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR		BPM				
Stage 9 Interval						
N2 Scf			SEP 24 2004			
Acid						
Gel Volume						
ISIP						
ATP						
AIR		BPM				
Stage 10 Interval						
N2 Scf						
Acid						
Gel Volume						
ISIP						
ATP						
AIR						

McDow 1921p

REVISED

WR-35
Rev (5-01)

DATE: September 1, 2004
API #: 47-4701926

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

Well Operator's Report of Well Work

FARM NAME: The Forest Land Group OPERATOR WELL NO.: PC 101-103-121

LOCATION:

Elevation: 2,024.79' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 10,920 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude: 2,115 Feet West of 81 Deg. 47 Min. 30 Sec.

RECEIVED
Office of Oil & Gas
Office of Chief
SEP 07 2004
WV Department of
Environmental Protection

Company: <u>GeoMet Operating Company</u>	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cn. Ft.
Address: <u>5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244</u>	<u>13-3/8"</u>	<u>21'</u>	<u>21'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Carlos Hively</u>	<u>8-5/8"</u>	<u>333'</u>	<u>333'</u>	<u>85/Pumped 120</u>
Date Permit Issued: <u>June 23, 2004</u>				
Date Well Work Commenced: <u>July 28, 2004</u>	<u>5.5"</u>	<u>1800'</u>	<u>1800'</u>	<u>312/Pumped 345</u>
Date Well Work Completed: <u>August 12, 2004</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u>Rig</u>				
Total Depth (feet): <u>1809.69'</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): 461, 551, 582, 658, 763, 1016, 1017, 1018, 1053, 1054, 1066, 1068, 1081, 1109, 1241, 1245, 1283, 1306, 1373, 1375, 1396, 1619

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 220 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: Karen Aye
DATE: 9.3.04

Mc Dow 1926

OCT 16 2004

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET

HOLE #: PC-121

LOCATION: THREE FORKS

DRILL RIG #: 94

DATE STARTED: 07-26-04

DATED COMPLETED: 08-02-04

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	15	15	OVERBURDEN	
15	20.50	5.50	SHALE / SAND STONE 20.5' W/ 13 3/8" CASING	
20.50	30	9.50	SAND STONE	
30	61	31	SAND STONE / SANDY SHALE / COAL STR	
61	92	31	SANDY SHALE / COAL STR / SAND STONE	
92	123	31	SAND STONE / COAL STR / SAND SHALE	
123	154	31	SANDY SHALE / SAND STONE / SANDY SHALE	
154	185	31	SANDY SHALE / COAL STR	
185	215	30	SAND STONE / SANDY SHALE	
215	245	30	SANDY SHALE / COAL STR / SAND STONE	
245	275	30	SAND STONE / SANDY SHALE / COAL STR	
275	305	30	SANDY SHALE / COAL STR	
305	335	30	SANDY SHALE / SAND STONE / SANDY SHALE 332.5' W/ 8 5/8" CASING	
335	345	10	SANDY SHALE / SAND STONE STR	
345	360	15	SAND	
360	420	60	SAND / SANDY SHALE	
420	450	30	SANDY SHALE	
450	480	30	SANDY SHALE / COAL / SAND / SANDY SHALE	
480	510	30	SANDY SHALE / SAND	
510	540	30	SAND	
540	570	30	SANDY SHALE / COAL / SANDY SHALE / SAND	
570	600	30	SAND / COAL / SANDY SHALE / SAND	
600	630	30	SAND	
630	660	30	SAND / COAL / SANDY SHALE	
660	690	30	SANDY SHALE / SAND / SANDY SHALE	
690	720	30	SANDY SHALE / SAND	
720	750	30	SAND	
750	780	30	SAND / SANDY SHALE	
780	810	30	SAND	
810	960	150	SAND STONE / SANDY SHALE STR	
960	990	30	SAND STONE / SANDY SHALE / COAL STR / SAND STONE	
990	1020	30	SAND STONE STR / COAL STR / SHALE / COAL 3 / SANDY SHALE / SAND STONE	
1020	1050	30	SAND STONE / SANDY SHALE / COAL 2	
1050	1080	30	SAND STONE / SHALE / COAL STR / SAND STONE	
1080	1110	30	SAND STONE STR / SHALE / COAL 2 / SANDY SHALE	
1110	1140	30	SANDY SHALE / POSS COAL / SAND STONE	

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 PC-121

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1230	1260	30	SANDY SHALE / COAL STR / SAND STONE
1260	1290	30	SAND STONE / SANDY SHALE / 2-COAL STR / SAND STONE STR
1290	1320	30	SAND STONE / COAL STR / SANDY SHALE / SAND STONE / SANDY SHALE
1320	1350	30	SAND STONE / SHALE W/COAL STR / SAND STONE
1350	1380	30	SAND STONE / SANDY SHALE / COAL 2
1380	1410	30	SANDY SHALE / COAL STR / SAND STONE
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1595	1625	30	SAND STONE / SANDY SHALE / COAL 3-5
1625	1655	30	SANDY SHALE / COAL 2/SAND STONE
1655	1685	30	SAND STONE / SANDY SHALE / POSS COAL & SHALE / SAND STONE
1685	1715	30	SAND STONE / SHALE STR
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1775	1805	30	SANDY SHALE / SAND STONE STR 1799.8' W/ 5 1/2" CASING TD 7 7/8" HOLE

1805.00 FT. TOTAL DEPTH
 20.50 FT. OF 13 3/8" CASING
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McDow 1926

GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification

Well Name Pond Creek 121

PBTD 1800'

Zone and Perforation Table

Frac	1496' - 1498'		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1619	1621				
Stage 1 Interval	213,000		1420'		15,000	15,600
N2 Scf	250	15%				
Acid	6,090	GAL				
Gel Volume	1,532					
ISIP	2,346					
ATP	26	BPM				
AIR						
Stage 2 Interval	1,372	1375	1395' - 1397'	1330'	20,000	20,600
N2 Scf	260,000					
Acid	250	15%				
Gel Volume	6,880	GAL				
ISIP	1,445					
ATP	2,368					
AIR	28	BPM				
Stage 3 Interval	1,282	1284	1305' - 1307'	30 Balls on Plug @ 1270'	25,000	12,300
N2 Scf	296,000					
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Gel Volume	6,972	GAL				
ISIP	1,564					
ATP	3,017					
AIR	26	BPM				
Stage 4 Interval	1,241	1244	1165' - 1167'	1241' - 1244'	20,000	20,400
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PBTD

1800'

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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						