

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

81° 42' 30"

14,900'

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

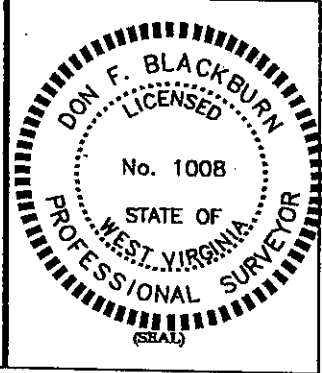
GeoMet Operating Company, Inc.
 Well No. GPPC-010

FILE NO. 1883-10
 DRAWING NO. GPPC-010 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 JUNE 28, 2001
 OPERATOR'S WELL NO. GPPC-010-REV
 API WELL NO. 47 - 047 - 01546-CF
 STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS CBM LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 2,076.20' WATERSHED STRAIGHT FORK OF LITTLE SLATE CREEK
 DISTRICT BIG CREEK COUNTY McDOWELL
 QUADRANGLE WAR

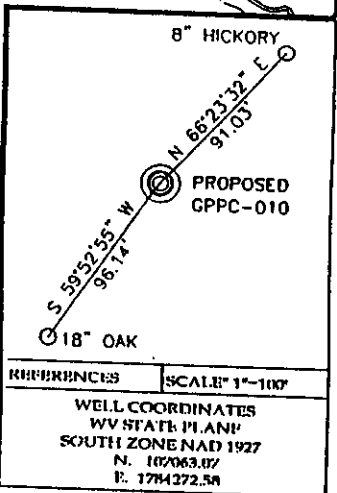
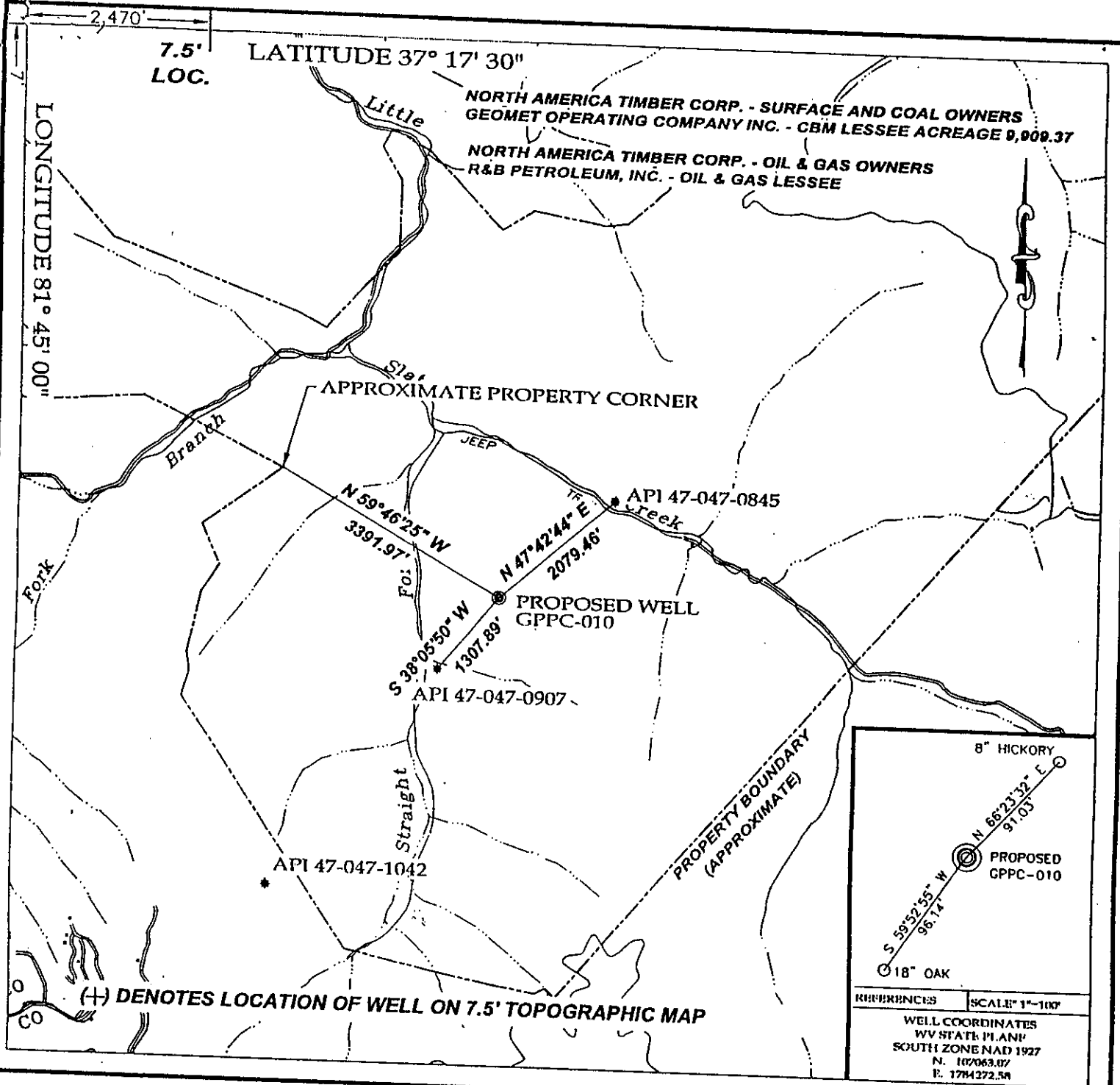
SURFACE OWNER THE FORESTLAND GROUP LLC ACREAGE 9,909.37
 CBM ROYALTY OWNER PLUM CREEK TIMBERLANDS, L.P. LEASE ACREAGE 9,909.37
 LEASE NO. RECORDING IN PROGRESS

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 1,970'
 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

Mc Dow 1546 E

JAN 07 2005



TEE Engineering Company, Inc.
 320 Cutlers Hill Court
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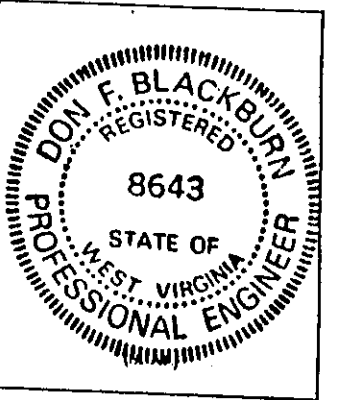
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R.P.E. 8643 R.P.S.



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

DATE JUNE 28, 2001
 OPERATOR'S WELL NO. GPPC-010

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

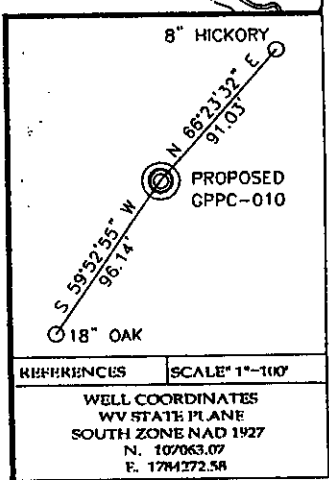
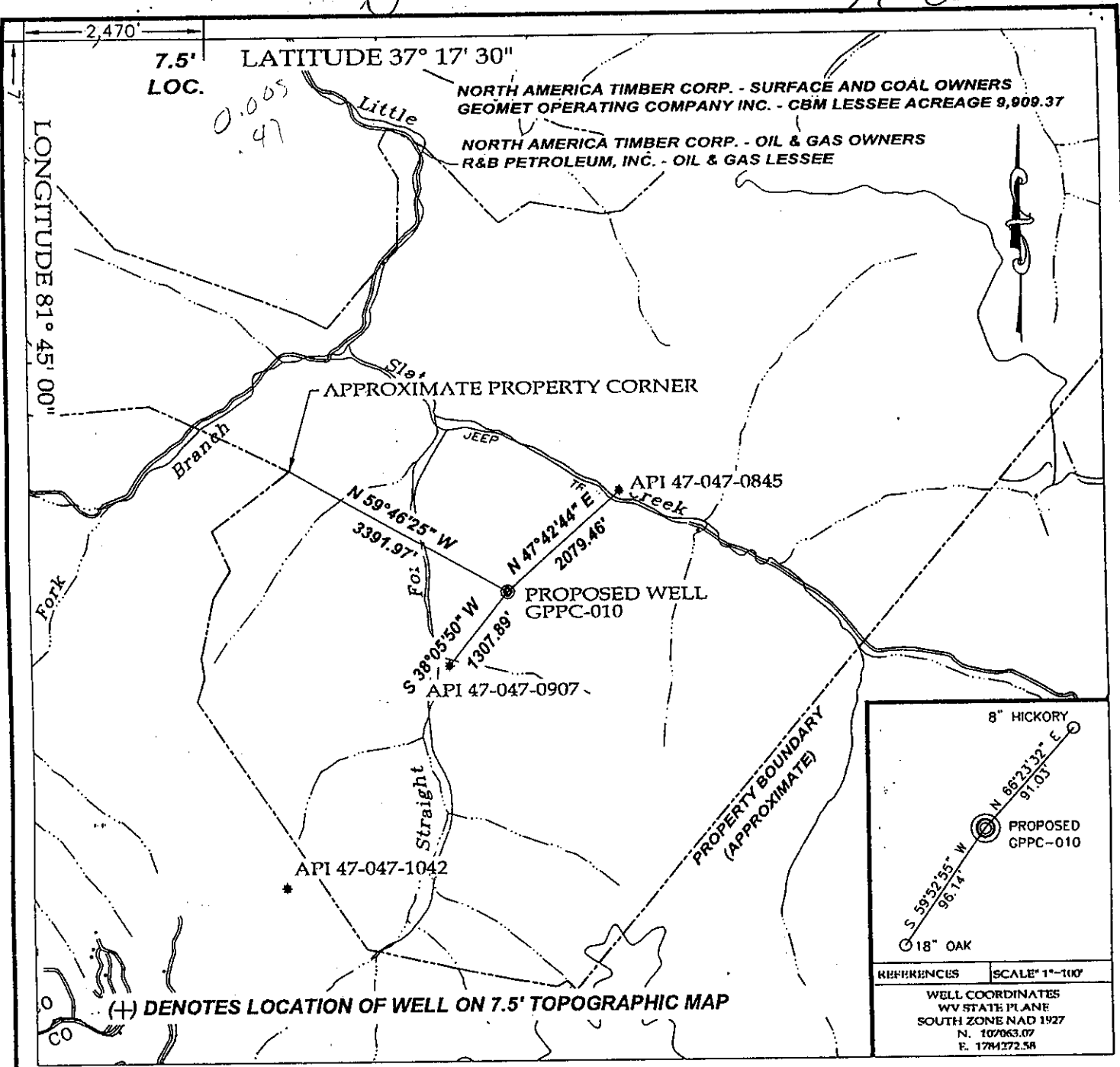
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 DISTRICT BIG CREEK COUNTY MCDOWELL
 QUADRANGLE WAR

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 CBM ROYALTY OWNER NORTH AMERICA TIMBER CORP. LEASE ACREAGE 9,909.37
 LEASE NO. RECORDING IN PROGRESS

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TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 1,970'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT BRETT CAMP
 ADDRESS 1826 3RD AVE. NORTH SUITE 301 ADDRESS 1826 3RD AVE. NORTH SUITE 301
BESSEMER, ALABAMA 35020 BESSEMER, ALABAMA 35020

Mc Dow 15406



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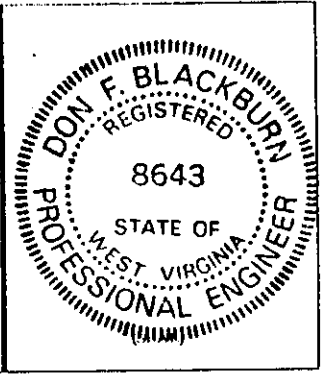
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STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

DATE JUNE 28, 2001
 OPERATOR'S WELL NO. GPPC-010

API NO. 47 STATE 47 COUNTY McDOWELL PERMIT NO. 01546C

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

LOCATION: ELEVATION 2,076.20' WATERSHED STRAIGHT FORK OF LITTLE SLATE CREEK
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 ADDRESS 1826 3RD AVE. NORTH SUITE 301 ADDRESS 1826 3RD AVE. NORTH SUITE 301
BESSEMER, ALABAMA 35020 BESSEMER, ALABAMA 35020

(Beedslaw 270)

AUG 24 2001

05 25 18

Mc Dow 1546C

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

MPB

Well Operator's Report of Well Work

FARM NAME: North America Timber

OPERATOR WELL NO.: GPPC-010

LOCATION:

Elevation: 2,076.20'

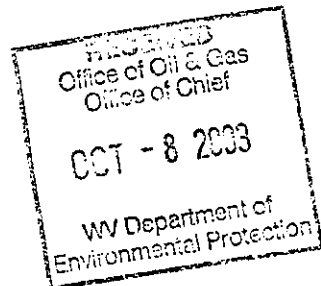
Quadrangle: WAR

District: Big Creek

County: McDowell

Latitude: 2.470' Feet South of 37 Deg. 17 Min. 30 Sec.

Longitude: 7' 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: 5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244	13-3/8"	33.75'	33.75'	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	8-5/8"	363'	363'	82/Pumped 180
Date Permit Issued: <u>August 21, 2002</u>				
Date Well Work Commenced: <u>August 12, 2002</u>	5-1/2"	1714'	1714'	297/Pumped 325
Date Well Work Completed: <u>August 21, 2002</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig <u> </u>				
Total Depth (feet): <u>1728'</u>				
Fresh Water Depth (feet): <u>Unknown</u>				
Salt Water Depth (feet): <u>Unknown</u>				
Is coal being mined in area (N/Y)? <u>No</u>				

Coal Depths (feet): 372, 375, 376, 377, 378, 379, 380, 381, 382, 439, 475, 500, 595, 632, 752, 756, 758, 760, 889, 890, 891, 911, 944, 950, 980, 1009, 1079, 1167, 1185, 1224, 1275, 1361, 1362, 1436, 1721.

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 14 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:

DATE:

Dundrea Smith

NOV 14 2003

McDow 1546

GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification

Well Name Pond Creek 010 PBTD 1710

Zone and Perforation Table

Frac			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 1 Interval	1359	1362				
N2 Scf	253,000		1434' -1437'- Balled Out 1310'		30,000	18,000
Acid	350					
Gel Volume	9,400					
ISIP	1,062					
ATP	2,560					
AIR	30	BPM				
Stage 2 Interval	1,274	1277				25,000
N2 Scf	241,000		54 Frac Balls On Plug @ 1250'			
Acid	250					
Gel Volume	7,000					
ISIP	4,000					
ATP	2,375					
AIR	26	BPM				
Stage 3 Interval	1,166	1169				60,000
N2 Scf	389,000		1183' -1186'/1222' -1225' Ball Out 1100'			
Acid	450					
Gel Volume	14,700					
ISIP	912					
ATP	2,057					
AIR	35	BPM				
Stage 4 Interval	1,008	1011				25,000
N2 Scf	195,000		980'			
Acid	250					
Gel Volume	6,800					
ISIP	944					
ATP	2,041					
AIR	25	BPM				
Stage 5 Interval	942	945				20,000
N2 Scf	190,000		910'			
Acid	200					
Gel Volume	5,800					
ISIP	913					
ATP	2,488					
AIR	24	BPM				

Well Name Pond Creek 010

PBTD

1710

Zone and Perforation Table

	889	892	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval						
N2 Scf	186,000		No Plug		25,000	27,000
Acid	250	15%				
Gel Volume	6,600					
ISIP	811					
ATP	1,920					
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						

NOV 14 2003

M. Dow 1546

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEO-MET

HOLE NO. GPPC-10

LOCATION: BUG HURLEY

DRILL: RIG 94

DATE STARTED: 08-11-03

ELECTRIC LOGGED: YES

DATE COMPLETED: 08-13-03

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0	33.75	33.75	OVERBURDEN	33.75' OF 13-3/8" CASING
33.75	61	27.25	SANDSTONE/SANDY SHALE	
61	92	31	SANDY SHALE/COAL STRKS/SANDSTONE	
92	123	31	SANDSTONE/COAL STRKS/SANDSTONE	
123	154	31	SANDSTONE/SANDY SHALE	
154	185	31	SANDY SHALE/SANDSTONE	
185	215	30	SANDSTONE	
215	245	30	SANDSTONE/SANDY SHALE	
245	275	30	SANDY SHALE/SANDSTONE	
275	305	30	SANDSTONE/COAL STRKS/SANDSTONE	
305	335	30	SANDSTONE/SANDY SHALE	
335	365	30	SANDSTONE/COAL/SANDY SHALE	
365	375	10	SANDY SHALE	362.85' OF 8-5/8" CASING
375	390	15	SAND/SHALE	
390	410	20	SAND	
410	440	30	SAND/COAL/SHALE	
440	470	30	SANDY SHALE	
470	500	30	SANDY SHALE/COAL/SANDY SHALE	
500	530	30	SANDY SHALE/SAND/SANDY SHALE	
530	560	30	SANDY SHALE/SAND	
560	590	30	SAND/SANDY SHALE	
590	710	120	SANDY SHALE	
710	740	30	SANDY SHALE/COAL	
740	770	30	SANDY SHALE	
770	860	90	SAND/SANDY SHALE	
860	920	60	SANDY SHALE	
920	950	30	SANDY SHALE/SHALE	
950	980	30	SANDY SHALE	
980	1010	30	SAND/SANDY SHALE	
1010	1040	30	SANDY SHALE	
1040	1070	30	SANDSTONE/SANDY SHALE	
1070	1100	30	SANDY SHALE/SANDSTONE	
1100	1130	30	SANDSTONE/COAL STRKS/SANDSTONE	
1130	1160	30	SANDSTONE/COAL STRKS/SANDY SHALE	
1160	1200	40	SANDY SHALE/SANDSTONE	
1200	1230	30	SANDSTONE/COAL STRKS/SANDY SHALE	

GEO-MET OPERATIONS
HOLE #GPPC-010
PAGE 2

1260	1290	30	SANDY SHALE/SANDSTONE
1290	1320	30	SANDSTONE
1320	1350	30	SANDY SHALE/SANDSTONE/SANDY SHALE
1350	1380	30	COAL STRKS/SANDY SHALE/SANDSTONE
1380	1410	30	SANDSTONE/SANDY SHALE
1410	1440	30	SANDY SHALE/SANDSTONE
1440	1470	30	SANDSTONE
1470	1500	30	SANDSTONE/SANDY SHALE/SANDSTONE
1500	1530	30	SANDSTONE/SANDY SHALE/COAL STRKS.
1530	1560	30	SANDY SHALE/SANDSTONE/SANDY SHALE
1560	1590	30	SANDY SHALE
1590	1620	30	SANDY SHALE/SANDSTONE
1620	1650	30	SANDSTONE/SANDY SHALE/SANDSTONE
1650	1680	30	SANDSTONE/SANDY SHALE
1680	1710	30	SANDY SHALE/SANDSTONE
			1713.80' OF 5-1/2"

TOTAL DEPTH: 1710'
33.75' OF 13-3/8" CASING
362.85' OF 8-5/8" CASING
1713.80' OF 5-1/2" CASING

NOV 14 2003

Mc Dow 1540