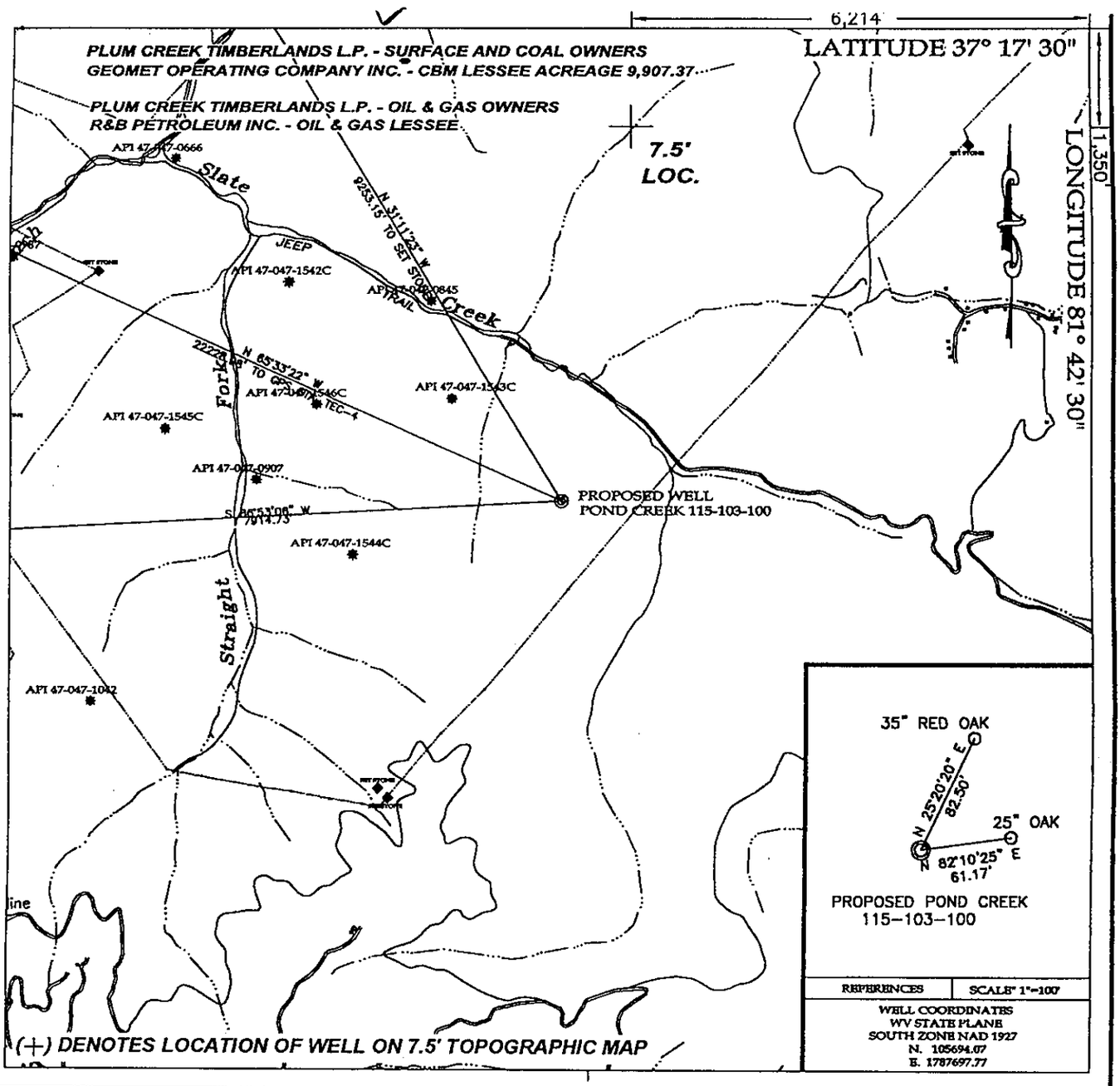

TEE Engineering Company, Inc.

320 Carriage Hill Court
Lexington, KY 40509
(859) 263-5350
Fax (859) 263-5345

P.O. Box 219
Stonville, KY 41859
(606) 478-9024
Fax (606) 478-9019

GeoMet Operating Company, Inc.
Well No. Pond Creek 115-103-100

FILE NO. 1883-08/2003 WELLS
DRAWING NO. POND CREEK 100 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 ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

Don F. Blackburn
(SIGNATURE)

R.P.E. 8643 R.P.S.

DON F. BLACKBURN
REGISTERED
8643
STATE OF WEST VIRGINIA
PROFESSIONAL ENGINEER
(SEAL)

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

DATE APRIL 15, 2003
OPERATOR'S WELL NO. POND CREEK 115-103-100
API WELL NO. 47 - 047 - 01834C
STATE COUNTY PERMIT

WELL TYPE: OIL ____ GAS X CBM LIQUID INJECTION ____ WASTE DISPOSAL ____
(IF "GAS") PRODUCTION X STORAGE ____ DEEP ____ SHALLOW ____
LOCATION: ELEVATION 2,162.55' NORTHING 105694.07 EASTING 1787697.77
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 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 1,913'
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 1834C

(Blackburn - 2D)

SEP 26 2003

Rev (5-01) API #: 47-4701834

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 115-103-100

LOCATION:
Elevation: 2,162.55' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 6,214 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude: 1,350 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: GeoMet Operating Company	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"	34.7'	34.7'	
Agent: Gregg Cleary				
Inspector: Carlos Hively	8-5/8"	332'	332'	73 / Pumped 108
Date Permit Issued: September 24, 2003				
Date Well Work Commenced: October 15, 2003	5-1/2"	1733.3'	1733.3'	300 / Pumped 325
Date Well Work Completed: November 5, 2003				
Verbal Plugging:				
Date Permission granted on:				
Rotary XXXX Cable Rig				
Total Depth (feet): 1749.51'				
Fresh Water Depth (feet): Unknown				
Salt Water Depth (feet): Unknown				
Is coal being mined in area (N/Y)? N				

Coal Depths (feet): 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 348, 350, 354, 399, 451, 452, 453, 461, 462, 487, 522, 523, 609, 652, 653, 779, 780, 781, 783, 795, 839, 856, 915, 916, 917, 935, 998, 1027, 1074, 1091, 1190, 1192, 1193, 1208, 1215, 1238, 1297, 1304, 1329, 1381, 1382, 1453, 1461, 1462, 1499, 1571, 1572,1573, 1585, 1588, 1750.

RECEIVED
Office of Oil & Gas
Office of Chief
APR 12 2004
WV Department of Environmental Protection

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 97 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: AGENT

DATE: 4-7-04

McDow 1834

JUN 11 2004

GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification

Well Name Pond Creek 100 PBTD 1750'

Zone and Perforation Table

Frac			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 1 Interval	1571	1574				
N2 Scf	349,000		36 Frac Balls On Plug @ 1550'		25,000	26,000
Acid	200					
Gel Volume	7,300					
ISIP	2,491					
ATP	3,405					
AIR	25	BPM				
Stage 2 Interval	1,458	1460			25,000	26,000
N2 Scf	324,000		1498-1500 Ball Out			
Acid	450					
Gel Volume	8,700					
ISIP	1,272					
ATP	2,783					
AIR	27	BPM	1420'			
Stage 3 Interval	1,379	1382			20,000	21,500
N2 Scf	265,000		1350'			
Acid	250					
Gel Volume	7,150					
ISIP	1,364					
ATP	3,011					
AIR	26	BPM				
Stage 4 Interval	1,296	1299			20,000	21,000
N2 Scf	256,000		36 Frac Balls 1260'			
Acid	250					
Gel Volume	6,990					
ISIP	1,564					
ATP	2,574					
AIR	31	BPM				
Stage 5 Interval	1,190	1192			40,000	41,000
N2 Scf	419,000		1214-1216 1237-1239 Ball Out 24 Frac Balls On Plug @ 1100'			
Acid	550					
Gel Volume	11,100					
ISIP	1,030					
ATP	2,468					
AIR	36	BPM				

Well Name Pond Creek 100 PBTD 1750'

Zone and Perforation Table

			Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval	997	999				
N2 Scf	303,000		1026-1028		20,000	22,000
Acid	500		Ball Out			
Gel Volume	6,986					
ISIP	931					
ATP	2,611			970'		
AIR	35	BPM				
Stage 7 Interval	924	927			20,000	20,000
N2 Scf	206,000					
Acid	250					
Gel Volume	6,300					
ISIP	916					
ATP	2,165			900'		
AIR	32	BPM				
Stage 8 Interval	854	857			20,000	2,000
N2 Scf						
Acid	250					
Gel Volume	11,200					
ISIP	731		Gel Only			
ATP	2,170		No Plug			
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: GEO-MET

HOLE NO. PC-100

LOCATION: BUG HURLEY

DRILL: RIG 94

DATE STARTED: 10-14-03

ELECTRIC LOGGED: YES

DATE COMPLETED:10-17-03

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0	36	36	SOFT SAND	34.70' W/13-3/8" CASING
36	61	25	SANDY SHALE	
61	92	31	SANDSTONE STR/SANDY SHALE	
92	123	31	SHALE STR/SANDSTONE/SANDY SHALE	
123	155	32	SANDSTONE/SANDY SHALE	
155	185	30	SANDSTONE	
185	215	30	SANDY SHALE/SANDSTONE	
215	245	30	SANDSTONE	
245	275	30	SANDSTONE/SANDY SHALE STR.	
275	300	25	SANDSTONE	
300	330	30	SANDY SHALE/SANDSTONE	
330	345	15	SANDSTONE	332' W/8-5/8" CASING
345	360	15	SANDSTONE/SANDY SHALE STR.	
360	390	30	SANDY SHALE/SANDSTONE STR.	
390	420	30	COAL STR./SANDY SHALE	
420	450	30	SANDY SHALE/COAL-447-450'	
450	480	30	COAL-2/SANDY SHALE	
480	510	30	SANDY SHALE STR,/SANDSTONE	
510	540	30	SANDSTONE/SANDY SHALE STR.	
540	570	30	SANDSTOEN/SANDY SHALE STR.	
570	630	60	SANDSTONE	
630	660	30	SANDY SHALE/COAL STR.	
660	690	30	SANDSTONE/SANDY SHALE STR./ SANDSTONE	
690	720	30	SANDY SHALE	
720	750	30	COAL STR./SANDY SHALE	
750	780	30	SANDSTONE/SANDY SHALE STR/COAL	
780	810	30	SANDY SHALE/SANDSTONE/SANDY SHALE	
810	840	30	SANDY SHALE/COAL STR./SANDSTONE	
840	870	30	SANDSTONE	
870	900	30	SANDSTONE/SANDY SHALE STR.	
900	930	30	SANDSTONE	
930	960	30	SANDY SHALE/SANDSTONE STR.	
960	990	30	SANDSTONE	
990	1020	30	SANDSTONE/SANDY SHALE/SANDSTONE	
1020	1050	30	SANDSTONE	
1050	1080	30	SANDSTONE/COAL STR./SANDY SH./	

			COAL/SANDSTONE
1080	1110	30	SHALE & COAL STR./SANDSTONE/SANDY SHALE STR.
1110	1140	30	SANDY SHALE/COAL STR.
1140	1170	30	SANDY SHALEJ/COAL STR.
1170	1200	30	SANDY SHALE/COAL/1183-1186/ SANDSTONE STR.
1200	1230	30	SANDY SHALE/COAL STR./SANDSTONE
1230	1260	30	COAL (3)/SANDY SHALE/SANDSTONE
1260	1290	30	SANDY SHALE STR/SANDSTONE/SANDY SHALE/COAL STR.
1290	1320	30	COAL STR./SANDSTONE/SANDY SHALE
1320	1350	30	SANDSTONE
1350	1380	30	SANDSTONE/SHALE & COAL STR.
1380	1410	30	SANDSTONE/SHALE STR.
1410	1440	30	SANDSTONE/SHALE STR.
1440	1470	30	SANDY SHALE/POSS. COAL
1470	1500	30	SANDY SHALEJ/POSS. COAL
1500	1530	30	SANDY SHALE/SANDSTONE W/SH. STR.
1530	1560	30	SANDSTONE/SANDY SHALE/SANDSTONE
1560	1590	30	COAL-1560-1564'/SANDY SHALE/ SANDSTONE
1590	1620	30	SANDSTONE/SANDY SHALE STR.
1620	1650	30	SANDY SHALE/SANDSTONE
1650	1740	90	SANDSTONE 1733.3' W/5-1/2" CASING

TOTAL DEPTH: 1740
34.70' W/13-3/8" CASING
332' W/8-5/8" CASING
1733.30' W/5-1/2" CASING