

KANSAS CORPORATION COMMISSION 1044912
OIL & GAS CONSERVATION DIVISION

Form ACO-1
 June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3882
 Name: Samuel Gary Jr. & Associates, Inc.
 Address 1: 1515 WYNKOOP, STE 700
 Address 2: _____
 City: DENVER State: CO Zip: 80202 + _____
 Contact Person: CLAYTON CAMOZZI
 Phone: (303) 831-4673
 CONTRACTOR: License # 5822
 Name: Val Energy, Inc.
 Wellsite Geologist: TIM HEDRICK
 Purchaser: GARY-WILLIAMS ENERGY CORPORATION

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>06/02/2010</u>	<u>06/11/2010</u>	<u>06/17/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-165-21881-00-00

Spot Description: _____
SW NE SE NE Sec. 8 Twp. 16 S. R. 16 East West
1752 Feet from North / South Line of Section
576 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Rush
 Lease Name: DOME LIVING TRUST ET AL Well #: 1-8
 Field Name: _____
 Producing Formation: LANSING
 Elevation: Ground: 1930 Kelly Bushing: 1940
 Total Depth: 3593 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 1083 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: _____ Feet
 If Alternate II completion, cement circulated from: _____
 feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 8000 ppm Fluid volume: 720 bbls
 Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
 Operator Name: SAMUEL GARY JR AND ASSOCIATES, INC
 Lease Name: MATTHAEI TRUST License #: 3882
 Quarter SW Sec. 19 Twp. 18 S. R. 9 East West
 County: RICE Permit #: 15165218810000

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
 Date: 09/30/2010

Confidential Release Date: 10/09/2012

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NAOMI JAMES Date: 10/01/2010

1044912

Operator Name: Samuel Gary Jr. & Associates, Inc. Lease Name: DOME LIVING TRUST ET AL Well #: 1-8

Sec. 8 Twp. 16 S. R. 16 East West County: Rush

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>TOPEKA</td> <td>2941</td> <td>-1001</td> </tr> <tr> <td>HEEBNER</td> <td>3161</td> <td>-1221</td> </tr> <tr> <td>DOUGLAS</td> <td>3194</td> <td>-1254</td> </tr> <tr> <td>LANSING</td> <td>3217</td> <td>-1277</td> </tr> <tr> <td>ARBUCKLE</td> <td>3592</td> <td>-1652</td> </tr> <tr> <td>TD</td> <td>3593</td> <td></td> </tr> </tbody> </table>	Name	Top	Datum	TOPEKA	2941	-1001	HEEBNER	3161	-1221	DOUGLAS	3194	-1254	LANSING	3217	-1277	ARBUCKLE	3592	-1652	TD	3593	
Name	Top	Datum																				
TOPEKA	2941	-1001																				
HEEBNER	3161	-1221																				
DOUGLAS	3194	-1254																				
LANSING	3217	-1277																				
ARBUCKLE	3592	-1652																				
TD	3593																					

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	23	1083	CLASS A		3% CC 2% GEL
PRODUCTION	7.875	5.5	15	3589	ECON-O-BOND	125	4% GEL 2% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3382'-86'	500 gal with 20% MCA w/ 3% MAS	3382'-86'
4	3390'-94'	500 gal of 20% MCA w/ 3% MAS	3390'-94'
4	3456'-59'	250 gal of 10% acetic and by 10 bbls	3456'-59'

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------	-------	---------	------------	--

Date of First, Resumed Production, SWD or ENHR. <u>07/01/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>SWAB</u>				
Estimated Production Per 24 Hours	Oil Bbls. 1	Gas Mcf 0	Water Bbls. 0	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3382'-3459' OA</u>
---	--	---

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	DOMELIVING TRUST ET AL 1-8
Doc ID	1044912

All Electric Logs Run

COMPACT PHOTO DENSITY COMPENSATED NEUTRON LOG
ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG
COMPENSATED SONIC W/ INTEGRATED TRANSIT TIMES LOG
MICRO RESISTIVITY LOG



*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

September 29, 2010

CLAYTON CAMOZZI
Samuel Gary Jr. & Associates, Inc.
1515 WYNKOOP, STE 700
DENVER, CO 80202

Re: ACO1
API 15-165-21881-00-00
DOME LIVING TRUST ET AL 1-8
NE/4 Sec.08-16S-16W
Rush County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
CLAYTON CAMOZZI



QUALITY OILWELL CEMENTING, INC.
 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net
 Pratt Location 620-388-5422

Date:
 Invoice # 4032
 P.O.#:
 Due Date:
 Division: *Russell*

Invoice

Contact:
 Samuel Gary Jr & Associates Inc
Address/Job Location:
 Samuel Gary Jr & Associates Inc
 P.O. BOX 448
 RUSSELL KS 67665

Reference:
 DOME LIVING TRUST *1-8*

Description of Work:
 LONG SURFACE JOB

Services / Items Included:	Item	Quantity	Item	Quantity
	Surface Job	1		
Pump Truck Mileage-from Job location to Nearest Camp		20	8 5/8" Centralizer	3
Premium Gel (Bentonite)		8	8 5/8" Basket	3
Common-Class A		400		
Calcium Chloride		14		
ulk Truck Mileage-from Job location to Nearest Bulk Plant		20		
Bulk Truck Material-Material Service Charge		422		
Baffle Plate Aluminum, 8 5/8"		1		
8 5/8" Top Rubber Plug		1		

Invoice Terms:
 Net 30

Quoted by: Dave Funk
 SubTotal: \$ 8,297.53
 Discount Available ONLY if Invoice is Paid &
 Received within listed terms of invoice: \$ (1,244.63)
 Total: \$ 7,052.90
 Tax: \$ 197.61
 \$ 7,250.51

Applied Payments:
 Balance Due: \$ 7,250.51

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

RECEIVED

JUN 15 2011

SAMUEL GARY JR.
 & ASSOCIATES, INC.

DRLG COMP W/O LOE

AFE # _____

ACCT # *8200-138*

APPROVED BY *[Signature]*

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4032

Date	6-3-10	Sec.	8	Twp.	16	Range	16	County	Rush	State	Kansas	On Location		Finish	8:00 PM
Lease	Dempsey Trust		Well No.	1-8		Location									
Contractor										Owner					
Type Job										To Quality Oilwell Cementing, Inc.					
Hole Size										You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Csg.										Charge To					
Tbg. Size										Street					
Tool										City					
Cement Left in Csg.										State					
Lease Line										The above was done to satisfaction and supervision of owner agent or contractor.					
Displace										Cement Amount Ordered					

EQUIPMENT

umptrk	1	No.	Cementer	Steve	3	Common	400
ulktrk	12	No.	Helper	Steve	3	Poz. Mix	
ulktrk		No.	Driver	Steve	3	Gel.	8
		No.	Driver	Brandon	3	Calcium	14

JOB SERVICES & REMARKS

Remarks:	Hulls
at Hole	Salt
ouse Hole	Flowseal
entralzers	Kol-Seal
askets	Mud CLR 48
V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 422
	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralzer 3
	Baskets 3
	AFU Inserts
	Float Shoe
	Latch Down
	1 Bottle Plug
	1 Rubber Plug
	Pumptrk Charge Long Surface
	Mileage 20

ature	Russell	Tax	
		Discount	
		Total Charge	



BASIC™
ENERGY SERVICES

1006-AP-664

718

1 of 2	1003682	06/14/2010
INVOICE NUMBER		
1718 - 90337527		

Pratt (620) 672-1201
 B SAMUEL GARY JR. & ASSOCIATES
 I PO Box: 448
 L RUSSELL
 L KS US 67665
 T
 O ATTN:

J LEASE NAME Dome Living Trust 1-8
 O LOCATION
 B COUNTY Rush
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40194351	27463		Net - 30 days	07/14/2010

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 06/11/2010 to 06/11/2010</i>				
0040194351				
171801817A Cement-New Well Casing/Pi 06/11/2010 CNW-5 1/2" Longstring				
Cement	75.00	EA	7.32	548.97 T
60/40 POZ				
Cement	125.00	EA	6.71	838.70 T
50/50 POZ				
Additives	31.00	EA	2.26	69.96 T
Cello-flake				
Calcium Chloride	210.00	EA	0.64	134.50 T
Calcium Chloride				
Additives	625.00	EA	0.46	285.92 T
Cal-Set				
Additives	104.00	EA	4.57	475.77 T
FLA-322				
Additives	210.00	EA	0.15	32.02 T
Cement Gel				
Additives	1,000.00	EA	0.41	408.67 T
Gilsonite				
Additives	4.00	EA	21.35	85.39 T
CS-1L KCl Substitute				
Additives	500.00	EA	0.93	466.62 T
Super Flush II				
Cement Float Equipment	1.00	EA	243.99	243.99
Latch Down Plug & Baffle				
Cement Float Equipment	1.00	EA	219.59	219.59
Auto Fill Float Shoe				
Cement Float Equipment	8.00	EA	67.10	536.77
Turbolizer				
Mileage	170.00	MI	4.27	725.86
Heavy Equipment Mileage				
Mileage	723.00	MI	0.98	705.60

RECEIVED
 JUN 23 2010
 SAMUEL GARY JR.
 & ASSOCIATES, INC

DRLG GOMP W/O LOE

AFE # _____
 ACCT # 200.138
 APPROVED BY [Signature]



2 of 2	1003682	08/14/2010
INVOICE NUMBER		
1718 - 90337527		

Pratt (620) 672-1201
 B SAMUEL GARY JR. & ASSOCIATES
 I PO Box: 448
 L RUSSELL
 L KS US 67665
 T
 O ATTN:

J LEASE NAME Dome Living Trust 1-8
 O LOCATION
 B COUNTY Rush
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40194351	27463		Net - 30 days	07/14/2010	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Proppant & Bulk Delivery Charges					
Mileage		200.00	MI	0.85	170.79
Blending & Mixing Service Charge					
Pickup		85.00	HR	2.59	220.35
Unit Mileage Charge-Pickups, Vans & Cars					
Pump Charge-Hourly		1.00	HR	1,317.52	1,317.52
Depth Charge; 3001'-4000'					
Extra Equipment		1.00	EA	121.99	121.99
Casing Swivel Rental					
Cementing Head w/Manifold		1.00	EA	152.49	152.49
Plug Container Utilization Charge					
Supervisor		1.00	HR	106.74	106.74
Service Supervisor					

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,868.21
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	177.37
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	8,045.58
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASIC

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 1817 A

DATE _____ TICKET NO. _____

DATE OF JOB 6-11-10	DISTRICT KANSAS	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER Samuel Gary JR + ASSC. INC		LEASE Dome Living Trust #1-8 WELL NO.					
ADDRESS		COUNTY Rush		STATE Kans.			
CITY		STATE		SERVICE CREW A. Worth, C. Veach, Edwards			
AUTHORIZED BY		JOB TYPE: 5 1/2" L.S. C.W.					

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
28443 P.U.	1						6-10-10	AM	500
27463 FT	1						6-11-10	PM	345
19826-19860	1						6-11-10	PM	915
							6-11-10	PM	1015
							6-11-10	AM	1100
						MILES FROM STATION TO WELL	85-miles		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P10	60/40 Por		75-sk		\$ 900.00
P104	50/50 Por		125-sk		\$ 1325.00
C102	Cell FLAKE		31-lb		\$ 114.70
C109	Calcium Chloride		210-lb		\$ 220.50
C113	CAL set		625-lb		\$ 468.75
C129	FIA-322		104-lb		\$ 780.00
C200	Cement Gel		210-lb		\$ 52.50
C201	Gilsonite		1000-lb		\$ 670.00
E607	Latch down Plug + Baffle 5/2 Blue		1-en		\$ 400.00
E12X1	Auto Fill Float Valve 5/2 Blue		1-en		\$ 360.00
E1651	Turbolizer 5/2 Blue		8-en		\$ 880.00
704	CS-11 KCL Substitute		4-gal		\$ 140.00
C135	Superflush II		500-gal		\$ 265.00
SUB TOTAL					
CHEMICAL / ACID DATA:					
SERVICE & EQUIPMENT					% TAX ON \$
MATERIALS					% TAX ON \$
TOTAL					

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE **Alfred F. Worth** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **[Signature]**

ELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

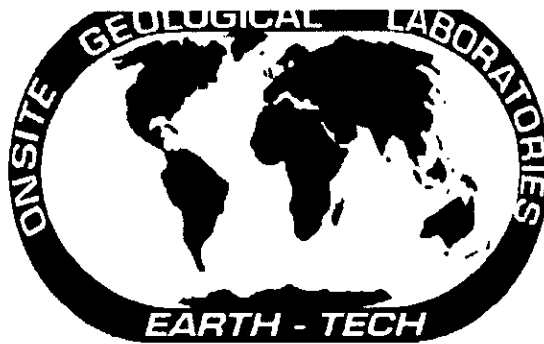
Customer <i>Samuel Gray Brass</i>	Lease No.	Date
Lease <i>Long Limb Forest</i>	Well # <i>18</i>	
Field Order # <i>118819A</i>	Station <i>Pratt KS</i>	Casing <i>5/2</i>
		Depth <i>3597'</i>
Type Job <i>5/2 Long Limb Forest</i>	Formation <i>RTD-3100-LTO 3597</i>	Legal Description <i>8-16-16</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>3 1/2"</i>			<i>12 BBL</i>	<i>Superflash II</i>				
Depth <i>3589</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>85 BBL</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>1200</i>	Max Press	From	To	Flush	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	Flush	HMP Used		Annulus Pressure	
Plug Depth <i>580.45</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Kell Beaman</i>	Station Manager <i>Scott</i>	Treater <i>Allen F Worth</i>
---	---------------------------------	---------------------------------

Service Units	<i>28443</i>	<i>27463</i>	<i>19324</i>	<i>19260</i>
Driver Names	<i>Worth</i>	<i>Worth</i>	<i>Edmonds</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:45 AM</i>					<i>VAL #6</i>
<i>4:30</i>					<i>2nd loc. Drilling Safety, Setup, Plan Job</i>
<i>6:00</i>					<i>Rig being down Drill Collars out of Hole Rig up to new casing. start 5/2 casing. 15.5" shoe. Joint 21.22' w/ 15' Int Shoe & L.D. Baffle cont. 1-3-5-7-9-11-13-15</i>
<i>7:15</i>					<i>Tag Bottom @ 3593'</i>
<i>7:15</i>			<i>20</i>	<i>5</i>	<i>Hookup & circ @ 3589 w/ Rig. Pump 20 BBL 2% KCL - Test 2100'</i>
			<i>12</i>	<i>5</i>	<i>Pump 12 BBL superflash II</i>
			<i>5</i>	<i>5</i>	<i>Pump 5 BBL 11" spacer</i>
			<i>9</i>	<i>5</i>	<i>mix + pump 25 sks 60/40 20' spacer</i>
			<i>34</i>		<i>mix + pump 125 50/50 20' @ 13.8"</i>
				<i>6</i>	<i>Finish mix wash out Pump & Line</i>
				<i>5</i>	<i>Drop L.D. Plug + Start Drop</i>
				<i>5</i>	<i>Caught L.D. Plug w/ 60 BBL</i>
<i>11:00</i>			<i>85</i>	<i>2 1/2</i>	<i>Plug down, Pump last 10 BBL - 2 per Release PSI Plug R. H. w/ 30 sks 60/40 Plug M.H. w/ 20 sks 60/40</i>
					<i>washing + Part of</i>
					<i>Job complete</i>



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: DOME LIVING TRUST ET AI 1-8
Location: SEC 8, 16S, 16W, Rush, Kansas
License Number: 15-165-21883-0000
Spud Date: 06/02/2010
Surface Coordinates: 1760' FNL & 580' FEL
Region: Wildcat
Drilling Completed: 06/10/2010

Bottom Hole Coordinates:

Ground Elevation (ft): 1930' K.B. Elevation (ft): 1940'
Logged Interval (ft): 1356' To: 3600' Total Depth (ft): 3600'
Formation: Lansing, Arbuckle
Type of Drilling Fluid:

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.cc

OPERATOR

Company: Samuel Gary Jr, & Assoc.
Address: 1515 Wykoop, Ste. # 700
Denver, Colo. 80202
Geo: Clayton Camozzi

GEOLOGIST

Name: Rodney Napier
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Off. 888-543-8378 Cell: 620-655-8252

START UNMANNED LOGGING UNIT 06/05/2010
CFS/CTCH 3220' 20,40,60
CTCH 30 MIN AFTER SHORT TRIP
CFS 3252' 20,40,60 1.5 TOTAL
CTCH 1 HR AFTER DST #1
CFS 3310' 20,40,60 TOTAL 1.5 HRS
CTCH 1 HR AFTER DST#2
RIG CIRC AT 3313' TO STRAP PIPE ON RACK AND FIX PIPE 20 MIN
CFS 3322' 15,30,45
CFS 3363' 20,40,60
CFS 3380' 15,30,45
CFS 3403' 20,40,60
CFS 3418' 20,40,60
CTCH 1 HR AFTER DST#4
TD 3600' 3:15 PM 06/10/2010
CTCH 1.5 HRS
TOH FOR LOGS

DST's Report

DST#1 3198'-3252' IFF BOB IN 6 MIN, ISI NO BLOW BACK, FFP BOB 8 MIN, ISI WEAK SURFACE BLOW DIED IN 20 MIN
RECOVERY 50' WM,60' MW,240' WATER TOTAL 350' BHT 106, CLORIDES 43,000
IH 1516,FIF 30,FFF 98,ISI 1024,
SIF 99, SFF 193, FSI 1023, FH 1501
TIMES 10,60,20,90

DST#2 3272'-3310' IFF BOB IN 2.5 MIN, ISI WEAK BLOW BACK DIED IN 30 MIN ,FFP BOB IN 4 MIN, FSI WEAK BLOW BACK BUILT TO 1 INCH DIED
RECOVERY 65' GOCM, 60' GMCWO, 475' GIP, TOTAL 125' BHT 105
IH;1609,FIF 35,FFF 38,ISI 1079, SIS 45, SFF 65, FSI 1078, FH 1521
TIMES 10,60,20,90

DST's Report

DST#3 3270'-3322' IFF BOB 1 MIN, ISI WEAK BLOW BACK BUILT TO 8 INCHES, FFP BOB IN 40 SEC DIED TO 2 INCHES
FSI NO BLOW BACK
RECOVERY 5' OCM, 60' MUD WITH SCUM OF OIL, 300' WM, 1800' WATER
TOTAL RECOVERY 2165' BHT 105 CLORIDES 75,000
IH 1589, FIF 287,FFF 720, ISI 1079, SIF 728, SFF 1078, FSI 1079 FH 1518
TIMES 10,60,60,135

DST#4 3386'-3418' IFF WEAK BLOW BUILT TO 9 INCHES, ISI WEAK SURFACE BLOW BACK DIED IN 8 MIN, FFP BC 40 SEC, FSI WEAK SURFACE BLOW BACK BUILT TO .5 INCHES DIED 33 MIN
RECOVERY 1; CO, 50' OCM, 60' GCO, 730' GIP TOTAL RECOVERY 111' BHT 106 GRAVITY 39
IH 1710, FIF 19, FFF 23, ISI 1043, SIF 28, SFF 39, FSI 997, FH 1628
TIMES 10,60,45,120

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale
- Shcol

- Shgy
- Sltst
- Ss
- Till
- Carb sh
- Dol
- Dtd
- Gry sh

- Sandylms
- Shale
- Sltstn
- Shlyslts
- Sltsh
- Lms

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sty

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram

- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh

- Clystn
- Dol
- Grysh
- Grystn
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang

- Angular

OIL SHOWS



- Even
- Spotted
- Ques
- Dead
- Gas show





INTERVALS

- Core
- Dst
- Dst

EVENTS

- Rft
- Sidewall

DP (min/ft) 
Gamma (API) 

TG (units) 
C1 (units) 
C3 (units) 
C4 (units) 
C5 (units) 

Depth

Lithology

Geological Descriptions

Oil Shows

RDP (min/ft) 5
Gamma (API) 1000

DRILLING
CONTRACTOR
VAL-6

SURFACE CASING
8 5/8 SET @ 1083'

START UNMANNED LOGGING UNIT
06/05/2010 @ 1356'

TG, C1-C5
10 100

DRILLING
CONTRACTOR
VAL-6

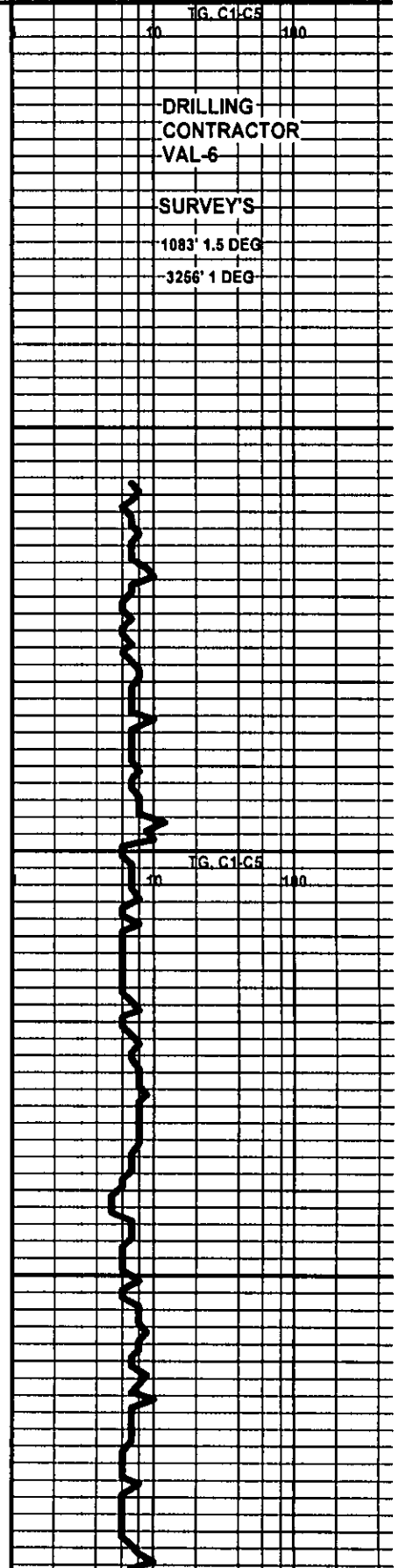
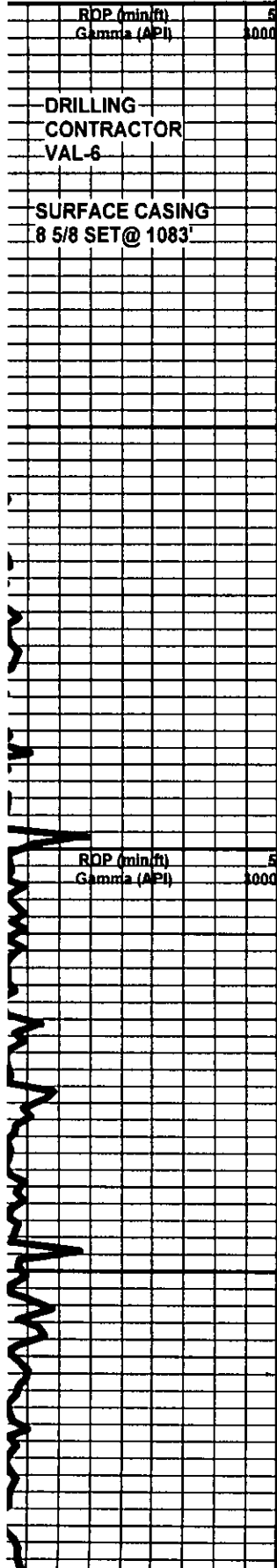
SURVEY'S
1083' 1.5 DEG
-3266' 1 DEG

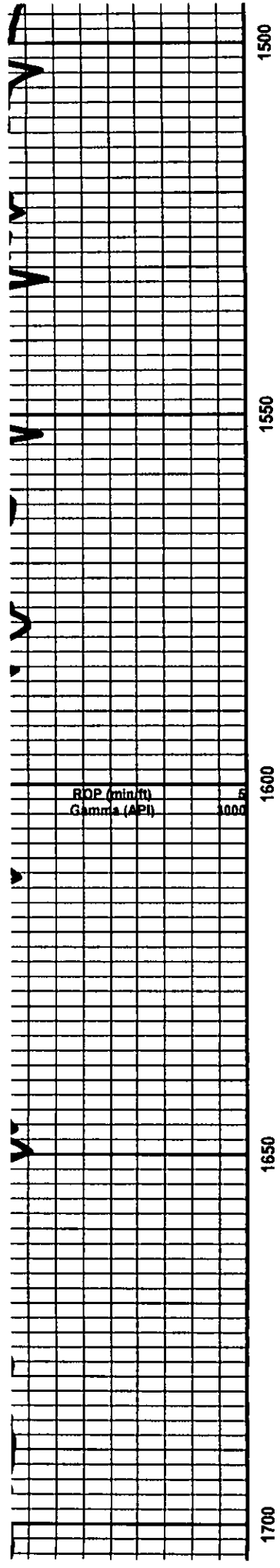
1350

1400

1450

TG, C1-C5
10 100





1700

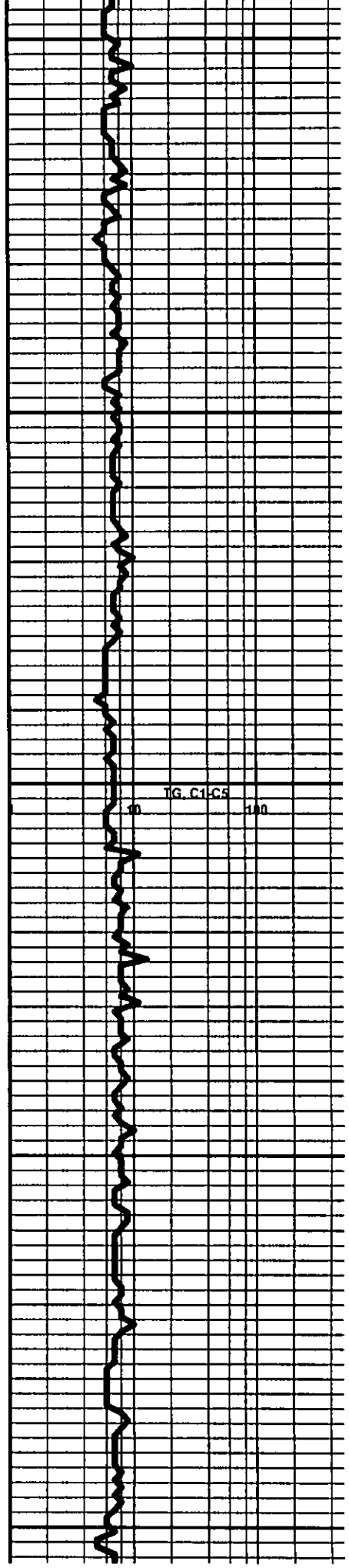
1650

1600

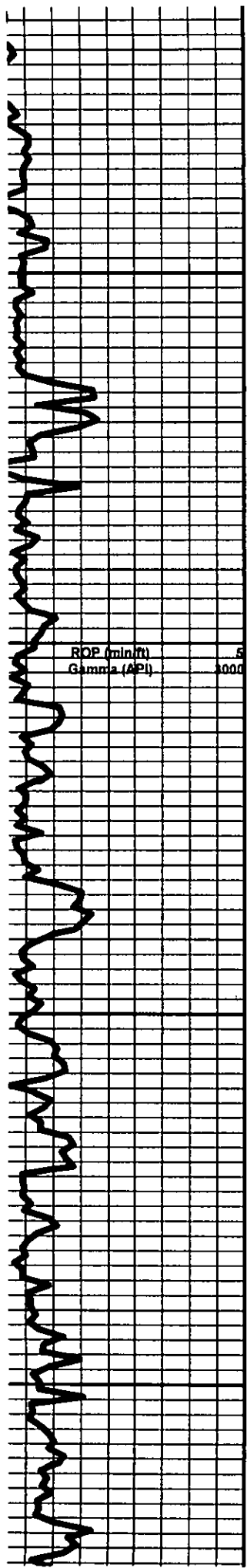
1550

1500

ROP (min/ft)
Gamma (API)



TG, C1-C5



1750

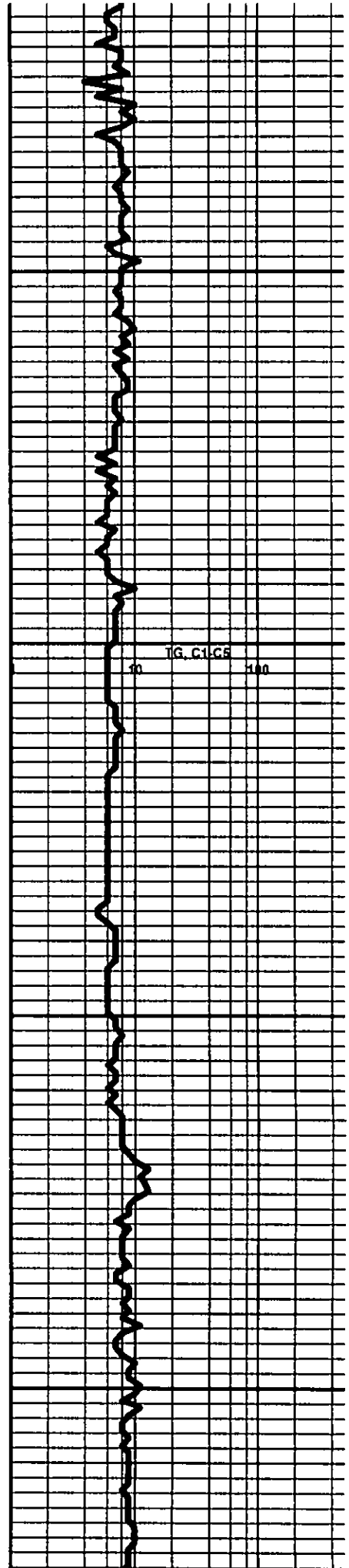
1800

1850

1900

ROP (min/ft)
Gamma (API)

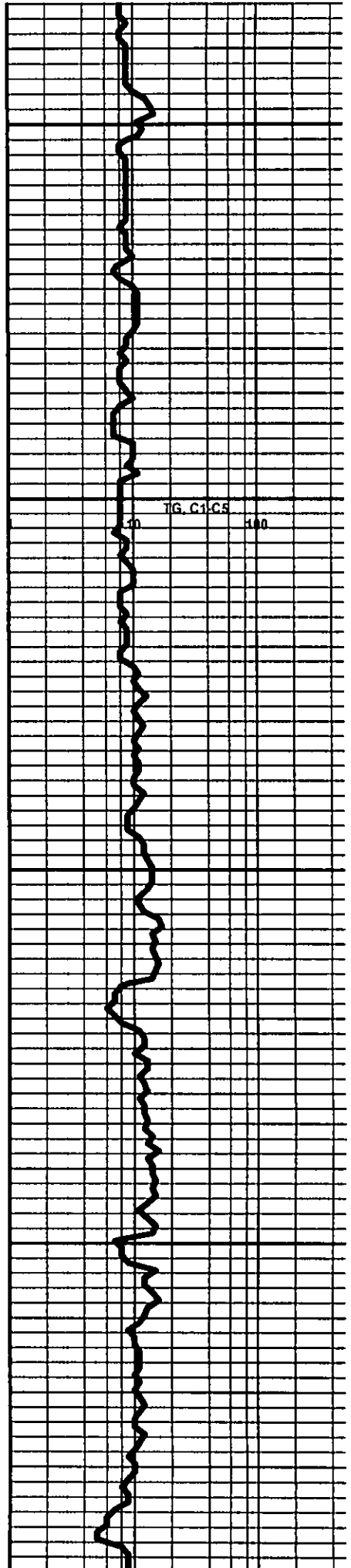
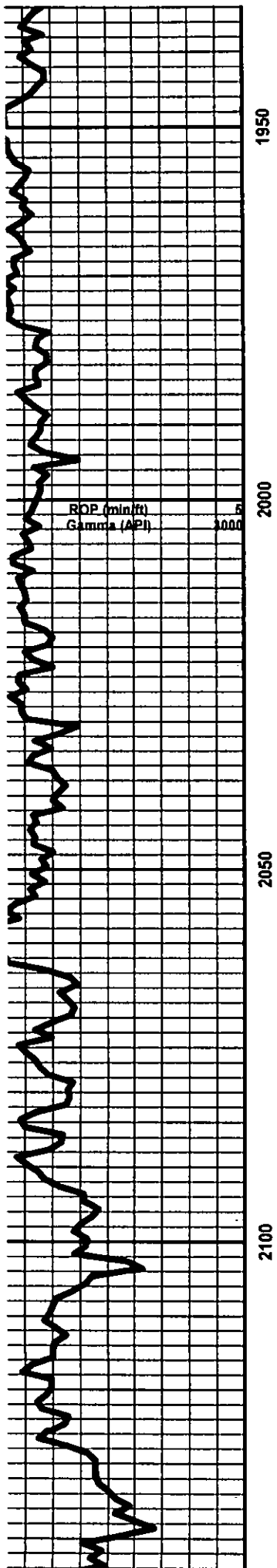
5000

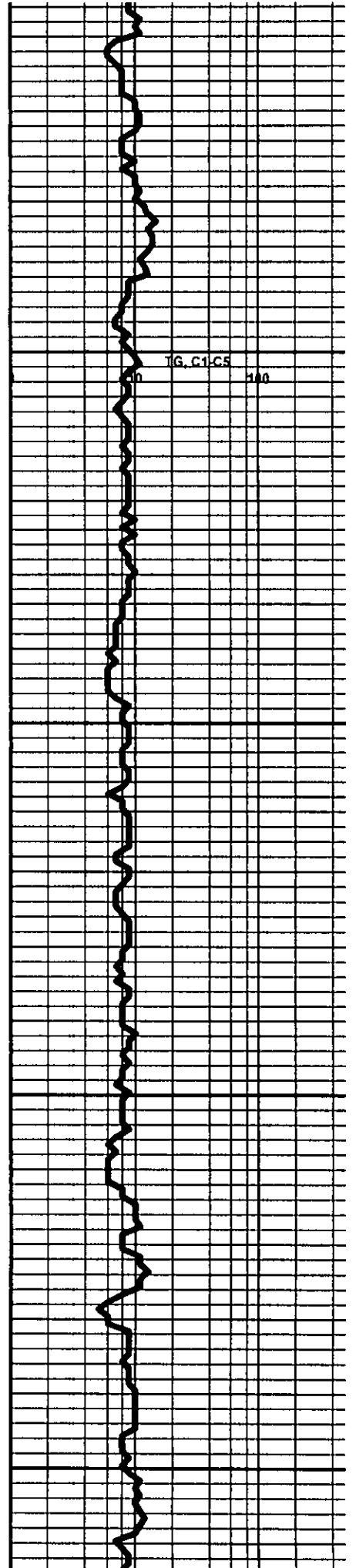
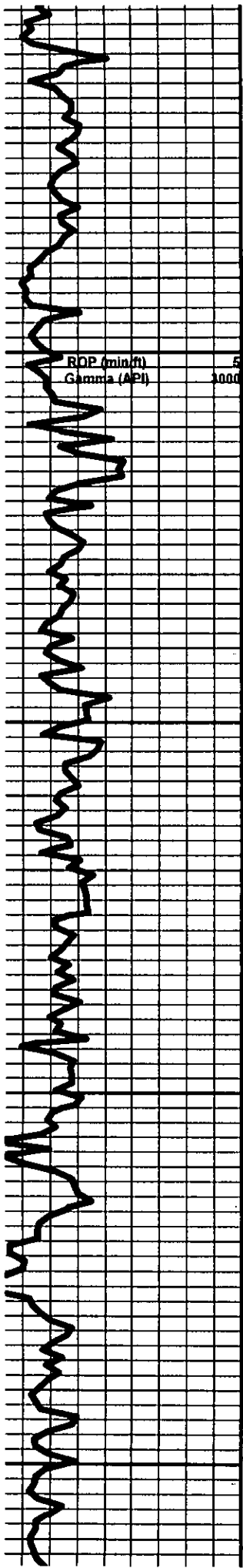


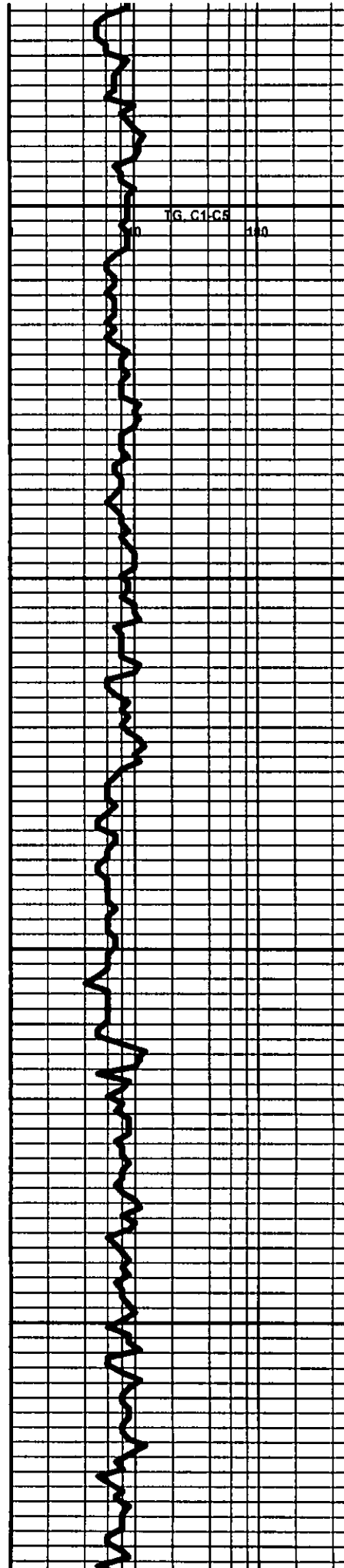
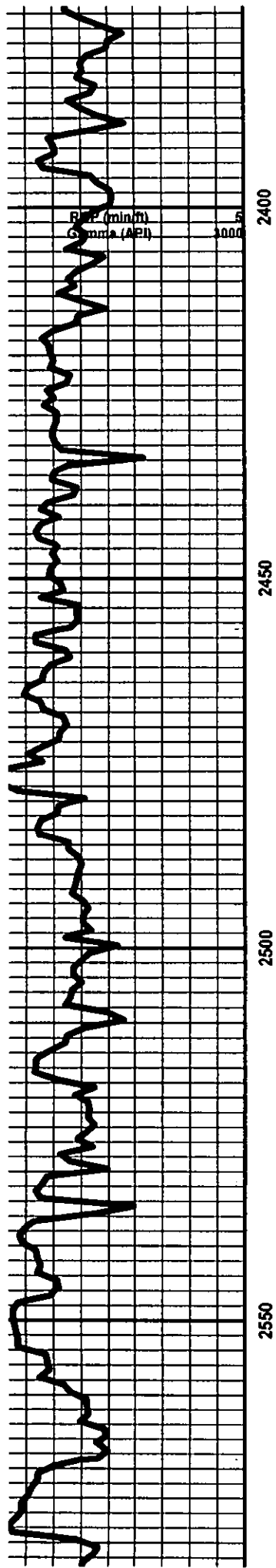
TG, C1, C5

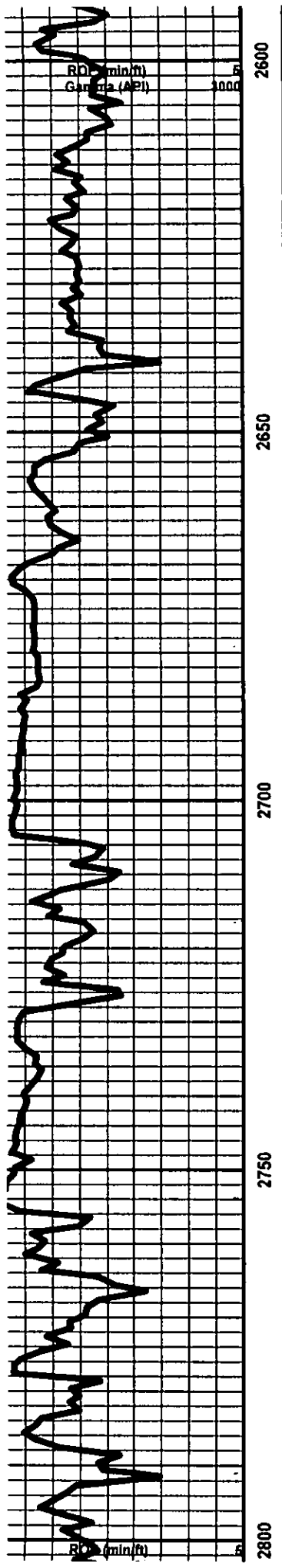
100

WINFIELD 1941' +1'

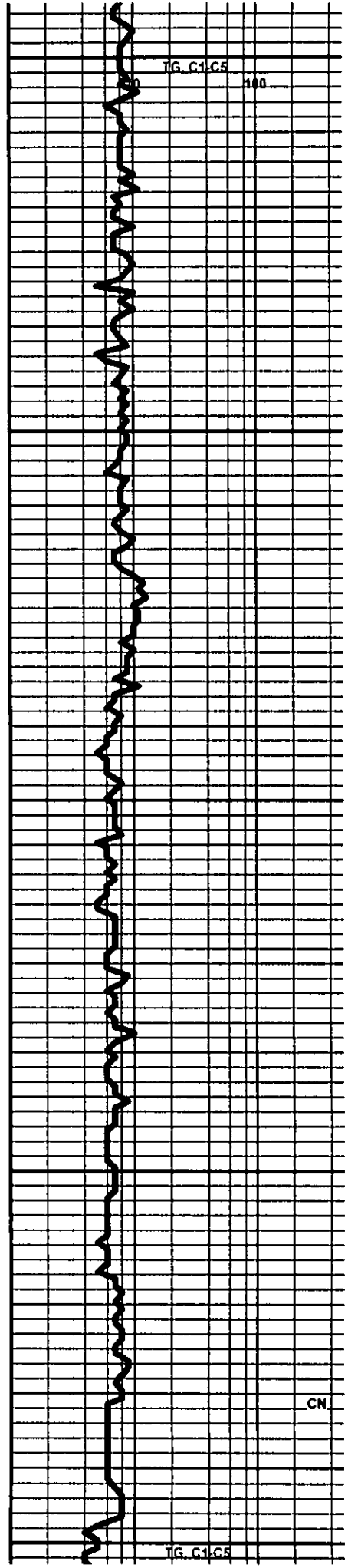


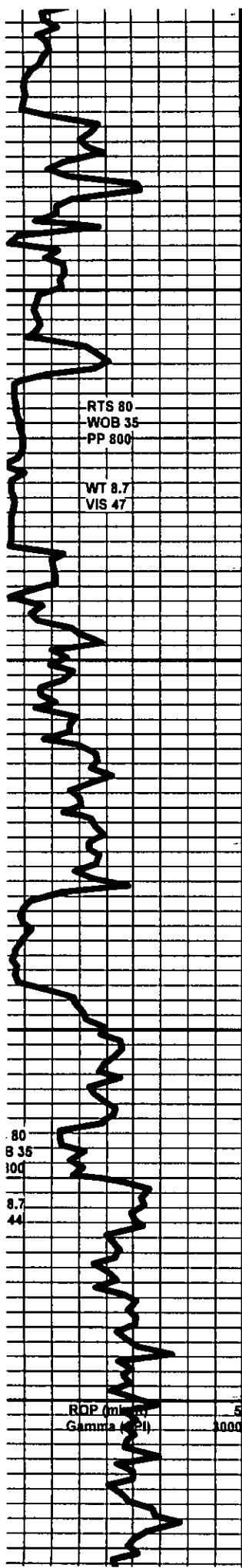






BASE ROOT SHALE 2705' -765'





**START 24 HR MANNED LOGGING UNIT
06/06/2010 BY RODNEY NAPIER**

LS DK TN TO TN HD DN TT CRYPTO XLN MTX NO FLO NO
VIS POR NO VIS SHOW

SH DK GRY TO GRY SMOOTH FRM SPLNTY BRITT TO
SFT

HOWARD 2885' -945'

LS GRY TN LT TN BUFF HD DN BRITT VFN TO FN XLN
MTX RE-XLN MTX IP TR IMBD FOSS IP TR DISS GRY SH
IP SCATT TR LT DULL YLW FLO NO VIS POR NO VIS
SHOW

LS TN LT TN BUFF HD TO BRITT FRM IP VFN TO FN XLN
MTX TR IMBD CALC XLS IP IMBD FOSS TR LOOSE FOSS
FRG IN TRAY TR PYR IP SCATT DULL YLW FLO POSS TT
INTERXLN POR TO NO POR NO CUT NO VIS SHOW

SH GRY LT GRY SFT SILTY THRU

TOPEKA 2943' -1003'

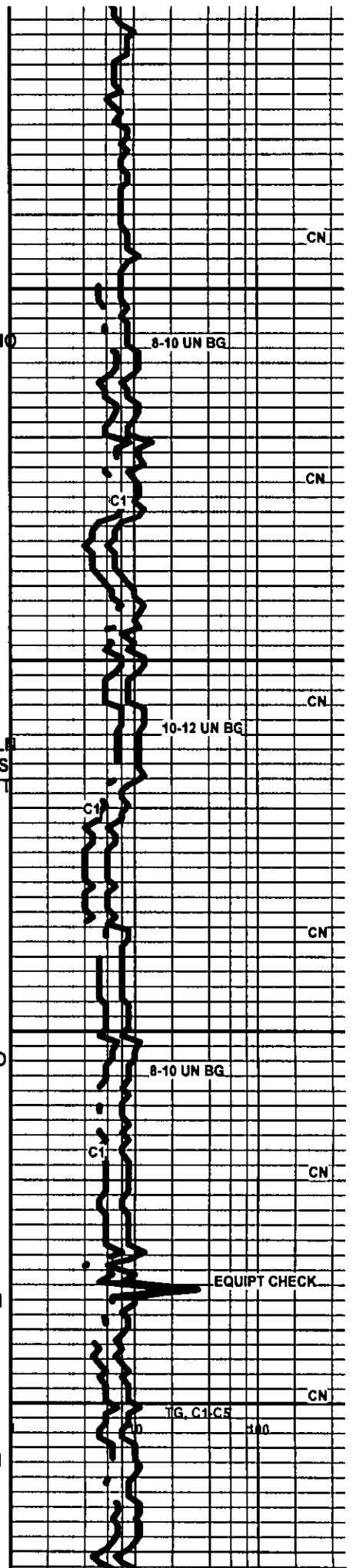
LS TN LT GRY HD DN TT CRYPTO TO VFN XLN MTX
DISS GRY SH IP TR CALC XLS IP SUCRO TXT IP NO FLO
NO VIS POR NO VIS SHOW

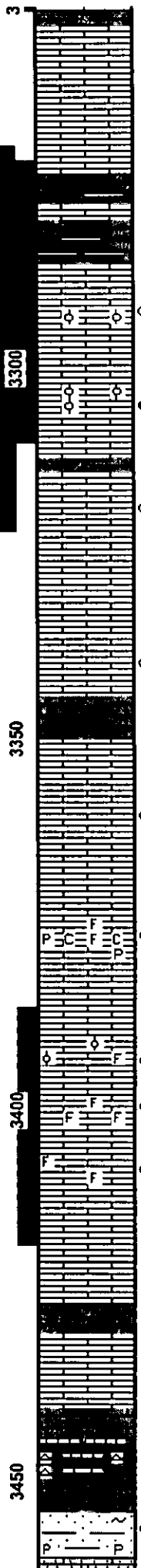
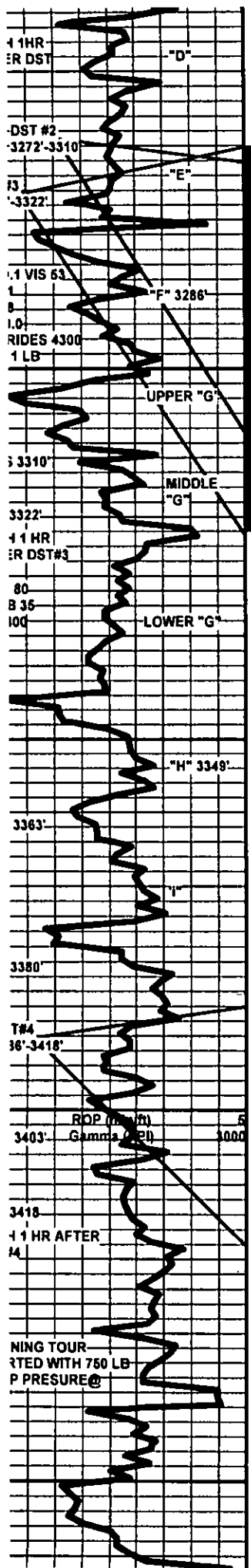
SH LT GRY SLTLY FRM TO SFT LMY II

LS DK GRY DK TN HD DN TT CRYPTO XLN MTX TR
LMNTD PYR IP NO FLO NO VIS POR NO VIS SHOW

LS LT GRY TN LT TN BUFF HD DN TT CRYPTO TO VFN
XLN MTX NO FLO NO VIS POR NO VIS SHOW

LS DK GRY TO GRY TO TN HD DN TT CRYPTO TO VFN
TO FN XLN MTX NO FLO NO VIS POR NO VIS SHOW





IMBD PYR IP, POOR TO FAIR INTERXLN POR, TO TR POOR VUG POR, FAINT TO FAIR ODOR 40,60 MIN SAMPLES, DULL GLDN FLO 40%, LT YLW FLO 60%, STAIN ON 20% ,FAINT FLUSH TO SLOW MILKY BLU STREAMING CUT

3256'-3260' LS LT TN CRM BUFF HD DN BRITT VVFN TO FN XLN MTX SUCRO TXT TR IMBD FOSS IP TR LMNTD PYR IP LT YLW FLO POSS TT INTERXLN POR NO CUT NO VIS SHOW

LS CRM BUFF OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX TR IMBD PYR NO FLO NO VIS POR NO VIS SHOW

SH DK GRY FRM SMOOTH SPLNTY WITH TR BLK CARB SH IP

3290'-3294' LS LT TN BUFF CRM VVFN TO FN XLN MTX IMBD OOLITES TR IMBD FOSS FRG SUB-CHLKY IP TR OIL STAIN ON 10% GLDN YLW FLO 50% LT YLW FLO 30% POSS TT INTERXLN POR TO NO POR FAINT ODOR FAINT FLUSH CUT POOR MILKY BLUE STREAMING CUT FROM TWO ROCKS

3301'-3310' LS LT TN CRM BUFF FRM BRITT VVFN TO FN TO MD XLN MTX RE-XLN MTX IMBD OOLITES TR LOOSE FOSS FRG IN TRAY TR IMBD QRTZ XLS IP TR IMBD SM CALC XLS AROUND OOLITES TR CALC XLS CLUSTERS WITH IMBD OIL STAIN FAIR TO GOOD ODOR 40,60,MIN SAMPLES GLDN FLO THRU STAIN IN 60% FAIR TO TO GOOD INTERXIPOR TR MICRO PP AND PP POR IP POSS INTER FOSS POR FAIR TO GOOD FLUSH CUT TO GOOD STRONG MILY BLUE STREAMING CUT

3315'-3322' LS DK TN TO TN LT TN BUFF, MOTT, TR CHERT IN UPPER PART OF ZONE, FN TO MD XLN MTX, RE-XLN MTX 80%, IMBD SM,MD,LG FRSTY WHT TO CLEAR QRTZ 70%, TR IMBD SH IP ONLY, POOR TO POSS FAIR INTERXLN POR, TO TR VUGGY POR,TR PP TO MICRO PP POR IP, POSS FRACTURES, FAIR TO GOOD STRONG ODOR, LT GLDN FLO 20%, BRITE GLDN FLO 80%, STAIN ON 70%, SOME ROCKS SATURATED WITH OIL, FAIR TO GOOD FLUSH CUT, TO GOOD STRONG MILKY BLUE STREAMING CUT, LT BRITE YLW GRN RING CUT, TO LT TN TO BRN LEACH ON DISH

3322'-3335' LS DK TN TO TN CRM BUFF HD DN TT CRYPTO TO VVFN XLN MTX TR LMNTD PYR SUB-CHLKY IP SCATT TR LT YLW FLO NO ODOR NO STAIN POSS POOR TT INTERXLN POR NO CUT NO VIS SHOW

3335'-3340' LS LT TN CRM BUFF TO OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX TR CALC XLS IMBD ON EDGE OF THREE ROCKS SLT STAIN ON EDGE OF ROCKS TR VRY POOR VUG POR TO NO POR DULL GLDN YLW FLO 2 ROCKS VRY FAINT FLUSH CUT POOR TT SHOW

3356'-3363'LS LT GRY LT TN CRM BUFF HD TO FRM BRITT VFN TO FN XLN MTX SUB-CHLKY TR PYR NODULES IN TRAY TR IMBD CALC XLS IN VUGS LT YLW FLO 40% TR STAIN IN CAL XLS 20% POOR INTERXLN TO VUG POR FAINT TO POOR ODOR POOR FLUSH CUT TO SPOTTY SLOW POOR MILKY BLUE STREAM CUT.

3275'-3277' LS CRM BUFF OFF WHT FRM BRITT FN XLN MTX IMBD CHI TR PIECES HRD CHLK IN TRAY TR LMNTD PYR IP TR IMBD FOSS IP TR MICRO VUG TO MICRO PP POR DULL YLW FLO 20% FAINT ODOR NO STAIN FAINT POOR FLUSH CUT

3389'-3394' LS TN DUE TO STAIN LT TN BUFF TO CRM HD FRM BRITT VVFN TO FN XLN MTX SUCRO TXT VI SM TO SM CALC XLS TR VUGS WITH CALC XLS IMBD TR IMBD OOLITES TO IMBD FOSS SUB-CHLKY BRIT YLW FLO 60% GLDN YLW FLO 30% FAIR TO GOOD ODOR POOR TO POSS FAIR INTERXLN TO VUG POR MICRO PP POR POSS FOSS POR IP ONLY GOOD INSTANT FLUSH TO POOR TO FAIR SLOW MILKY BLUE STREAMING CUT WITH LT BRN LEACH ON DISH

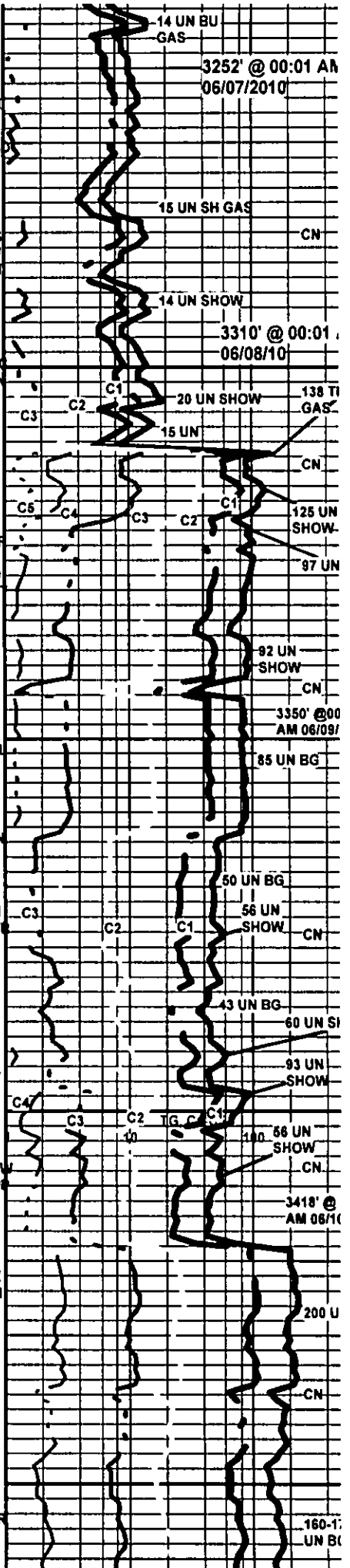
3397'-3303' LS LT TN DUE TO STAIN CRM BUFF OFF WHT TO WHT HD TO FRM FN TO MD XLN MTX RE-XLN MTX IMBD FOSS THRU IMBD SM TO MD CALC XLS CAL XLS INTERLACED AROUND FOSS LT BRITE YLW FLO 80% LT GLDN YLW FLO 10% LT STAIN 60% TO SLT TR LIVE OIL PP TO MICR PP POR 40% POOR INTERXLN POR TO POOR TO FAIR INTERFOSS POR TR VUGS IP FAIR TO GOOD ODOR GOOD INSTANT FLUSH TO SLOW MILKY BLUE STREAMING CUT

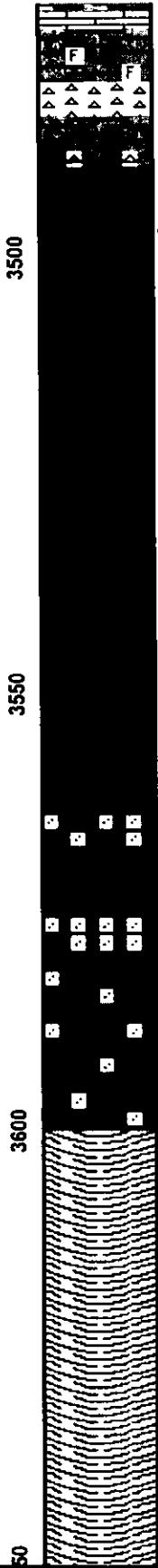
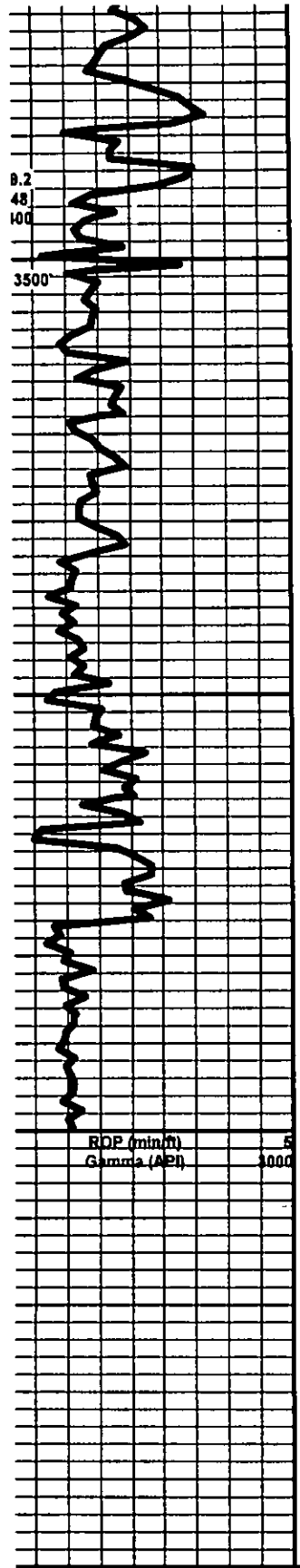
3407'-3409' LS LT TN BUFF OFF WHT FN TO MD XLN MTX RE-XLN MTX THRU TR IMBD FSTY WHT TO CLR QRTZ XLS BRITE YLW FLO 70% SM VUG TO MICRO VUG POR POSS TT INTERXLN POR TO TR POOR PP POR FAIR ODOR POOR TO FAIR FLUSH CUT TO VRY SLOW MILKY BLUE STREAM CUT

BKC 3441' -1501'

SH DK GRY TO DK BRN HD FRM SMOOTH BLKY BRITT LMY TO GRY SLTLY SFT SILTY

SS CLR FRSTY WHT LT TN FAIR SORT VVFN TO FN SS GRNS WITH SILICIOUS CMNT IMBD SH IMBD PYR IMBD GLAC TR UNCONSOLIDATED FN TO MD SUB-RND TO RND SS GRNS IN TRAY TR FLO IP TO NO FLO TR STAIN IN 10% POOR INTER GRAN POR TO NO POR VRY POOR FLUSH CUT TO SPOTTY VR/SLOW MILKY BLUE STREAM CUT TT SHOW





BRITT SPLNTY

CHERT BRITE WHT TO ORNG TO PURPLE

SH RED/BRN SFT MUSH GUMMY

ARBUCKLE 3490' -1550'

3490-3492 DOL CRM BUFF OFF WHT HD ON TT CRYPTO TO VVFN XLN MTX HD DN TT NO TR STAIN ON ONE ROCK NO FLO NO VIS POR NO CUT NO VIS SHOW

3492'-3500' DOL LT TN BUFF FRM BRITT VRY SM TO SM TR OF MD DC GRN THRU, TR IMBD CLR QRTZ XLS TR IMBD TO LMNTD PYR IP SCAT TR VRY DULL YLW FLO TO NO FLO POSS TT TO POOR INTERGRN POR VRY FAINT ODOR NO STAIN POOR SPURTY MILKY BLUE STREAM CUT TO VRY FAINT LT YLW RING CUT

3500'-3510' DOL CRM TO OFF WHT TO WHT HD TO FRM FN TO MD XLN MTX RE-XLN MTX FN ANG TO SUB-ANG WHT DOL XLS THRU TR PYR CHLKY TR DEAD OIL STAIN ON 5% NO FLO NO ODOR POSS TT INTERXLN TO TR PP POR IP FAINT POOR FLUSH CUT POOR SHOW

3510'-3530' DOL OFF WHT TO WHT LT GRY HD DN BRITT CRYPTO TO VVFN XLN MTX RE-XLN MTX IP TR IMBD CLR QRTZ XLS IP LMNTD PYR NO FLO POSS POOR INTERXLN POR TO NO POR NO ODOR NO STAIN NO CUT NO VIS SHOW

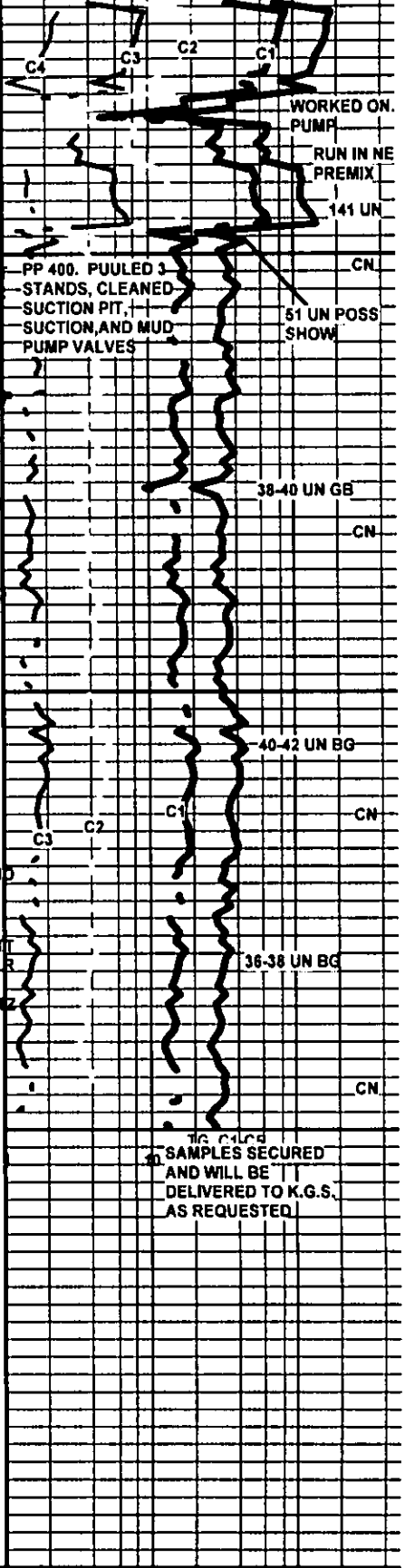
3534'-3550' DO WHT TO OFF WHT HD TO FRM VVFN TO FN TO MD XLN MTX RE-XLN MTX TR IMBD FOSS IP ONLY CHLKY TR IMBD CHLK IP NO ODOR NO STAIN POOR MICRO PP TO PP POR TR POOR TO FAIR INTERXLN POR NO CUT NO VIS SHOW

3550'-3564' DOL CRM BUFF OFF WHT TO WHT HD DN TT CRYPTO TO VVFN XLN MTX TR CLR QRTZITE IP TR PYR NODULE IN TRAY TR LMNTD PYR IP NO FLO NO VIS POR NO VIS SHOW

3564-3567 DOL LT WHT TO OFF WHT VFN TO FN XLN MTX IMBD SUB-RND TO RND CLR SS GRNS THRU IMBD CHLK NO FLO POSS INTER GRAN POR NO ODOR NO STAIN NO VIS SHOW

DOL LT GY WHT TO OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX NO FLO NO VIS POR NO VIS SHOW

3576-3600' DOL CRM BUFF TO OFF WHT WITH LT GRY IP HD FRM BRITT VVFN TO FN TO TR MD XLN MTX RE-XLN MTX IMBD VRY SM TO SM CLR TO FRSTY WHT SUB-ANG TO SUB-RND TO RND SS GRNS THRU TR PYR NODULES WITH IMBD SMD GRNS TR LT WHT TO FRSTY WHT QRTZ XLS IP NO FLO POOR TO FAIR INTERGRAN POR NO ODOR NO STAIN NO CUT NO VIS SHOW



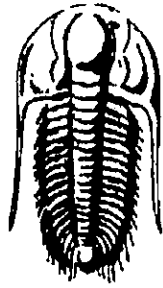
RTD 3600' 3:15 PM 06/10/2010

CTCH 1.5 HRS

TOH FOR LOGS
LOGGERS WEATHERFORD

LOGGER TD 3593'

THANK YOU FOR CHOOSING
EARTHTECH



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Sam Gary**

1515 Wynkoop St
Suite 700
Denver, CO 80202

ATTN: Clayton Camozzi

8-16s-16w/Rush

Dome Living Trust #1-8

Start Date: 2010.06.07 @ 06:50:33

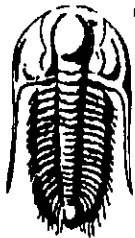
End Date: 2010.06.07 @ 13:51:03

Job Ticket #: 38671 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

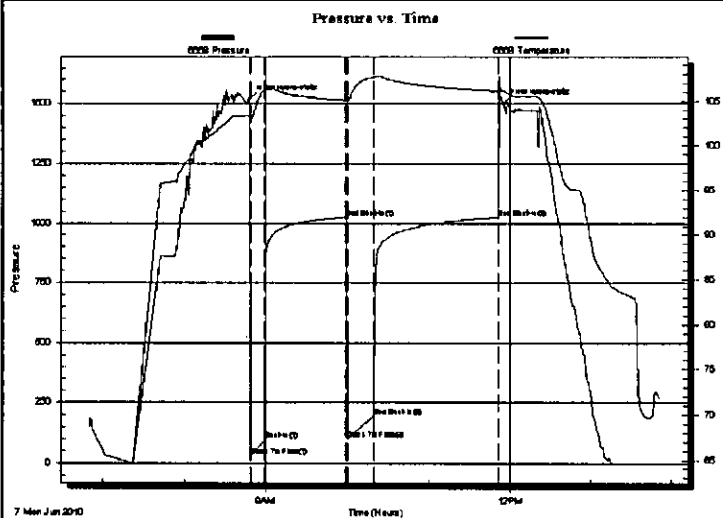
Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38671 **DST#: 1**
Test Start: 2010.06.07 @ 06:50:33

GENERAL INFORMATION:

Formation: **LKC "A-C"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 08:48:33 Tester: Tyson Flax
 Time Test Ended: 13:51:03 Unit No: 44
 Interval: **3198.00 ft (KB) To 3252.00 ft (KB) (TVD)** Reference Elevations: 1940.00 ft (KB)
 Total Depth: 3252.00 ft (KB) (TVD) 1930.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 6668 Inside
 Press@RunDepth: 97.96 psig @ 3202.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.06.07 End Date: 2010.06.07 Last Calib.: 2010.06.07
 Start Time: 06:50:34 End Time: 13:51:03 Time On Btm: 2010.06.07 @ 08:47:33
 Time Off Btm: 2010.06.07 @ 11:55:03

TEST COMMENT: IFF-BOB in 6 min
 IS-no blow back
 FFP-BOB in 8 min
 FSI-Weak surface blow back died in 20 min



PRESSURE SUMMARY

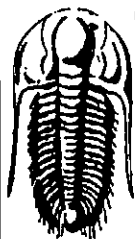
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1516.27	103.33	Initial Hydro-static
1	29.87	102.94	Open To Flow (1)
12	97.96	106.36	Shut-In(1)
71	1024.00	105.11	End Shut-In(1)
72	99.21	104.92	Open To Flow (2)
92	193.37	107.60	End Shut-In(2)
184	1023.23	106.07	End Shut-In(3)
188	1501.69	106.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Water	3.40
60.00	MW 60%W,40%M	0.85
50.00	WM 30%W,70%M	0.71

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

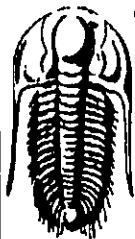
Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38671 **DST#: 1**
Test Start: 2010.06.07 @ 06:50:33

Tool Information

Drill Pipe:	Length: 3196.00 ft	Diameter: 3.82 inches	Volume: 45.30 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 45.30 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3198.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3171.00	
Shut In Tool	5.00			3176.00	
Hydraulic tool	5.00			3181.00	
Jars	5.00			3186.00	
Safety Joint	2.00			3188.00	
Packer	5.00			3193.00	28.00 Bottom Of Top Packer
Packer	5.00			3198.00	
Stubb	1.00			3199.00	
Perforations	2.00			3201.00	
Change Over Sub	1.00			3202.00	
Recorder	0.00	6668	Inside	3202.00	
Recorder	0.00	6669	Inside	3202.00	
Blank Spacing	31.00			3233.00	
Change Over Sub	1.00			3234.00	
Perforations	15.00			3249.00	
Bullnose	3.00			3252.00	54.00 Bottom Packers & Anchor
Total Tool Length:	82.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38671 **DST#: 1**
Test Start: 2010.06.07 @ 06:50:33

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	43000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

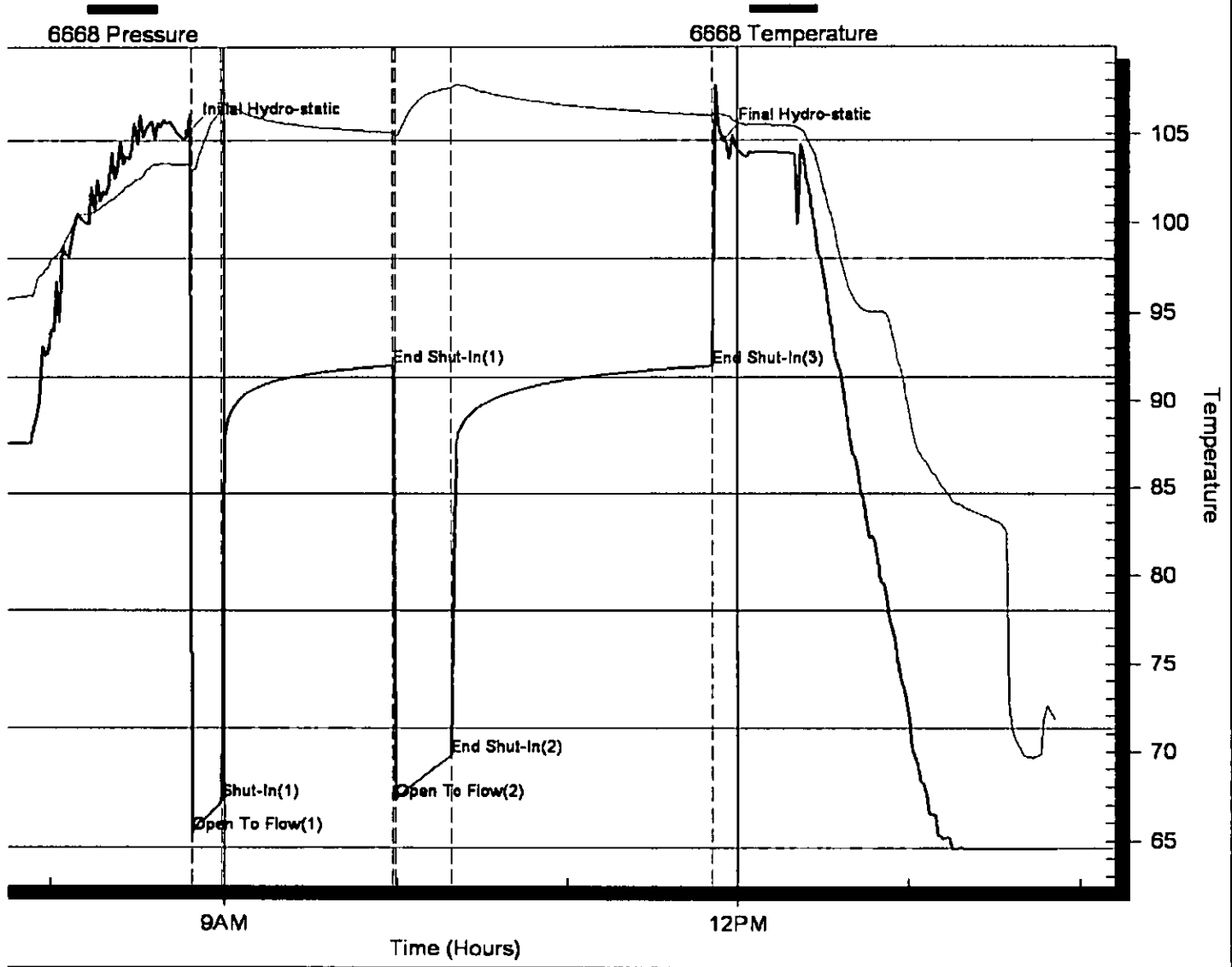
Recovery Information

Recovery Table

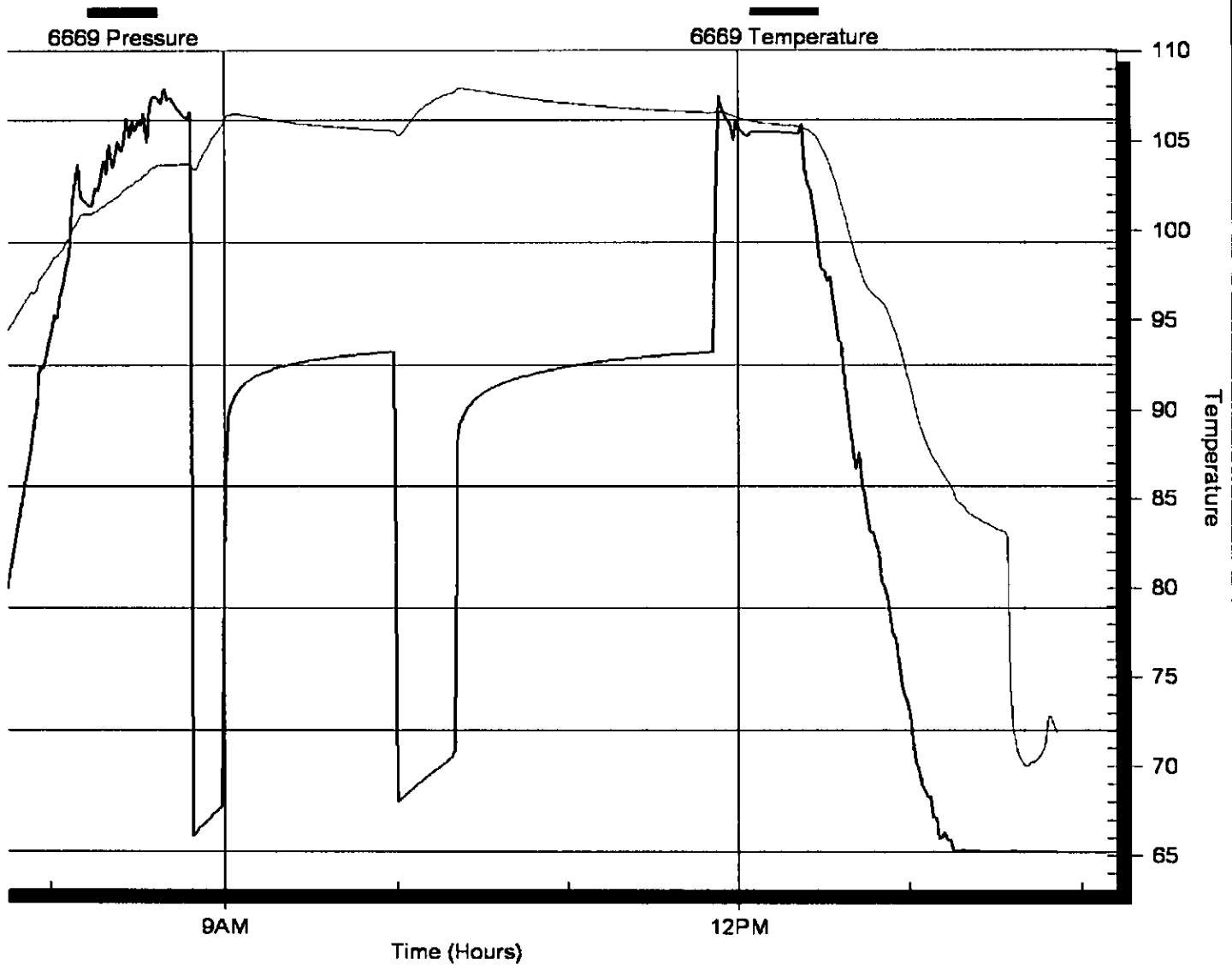
Length ft	Description	Volume bbl
240.00	Water	3.402
60.00	MW 60%W,40%M	0.851
50.00	WM 30%W,70%M	0.709

Total Length: 350.00 ft Total Volume: 4.962 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

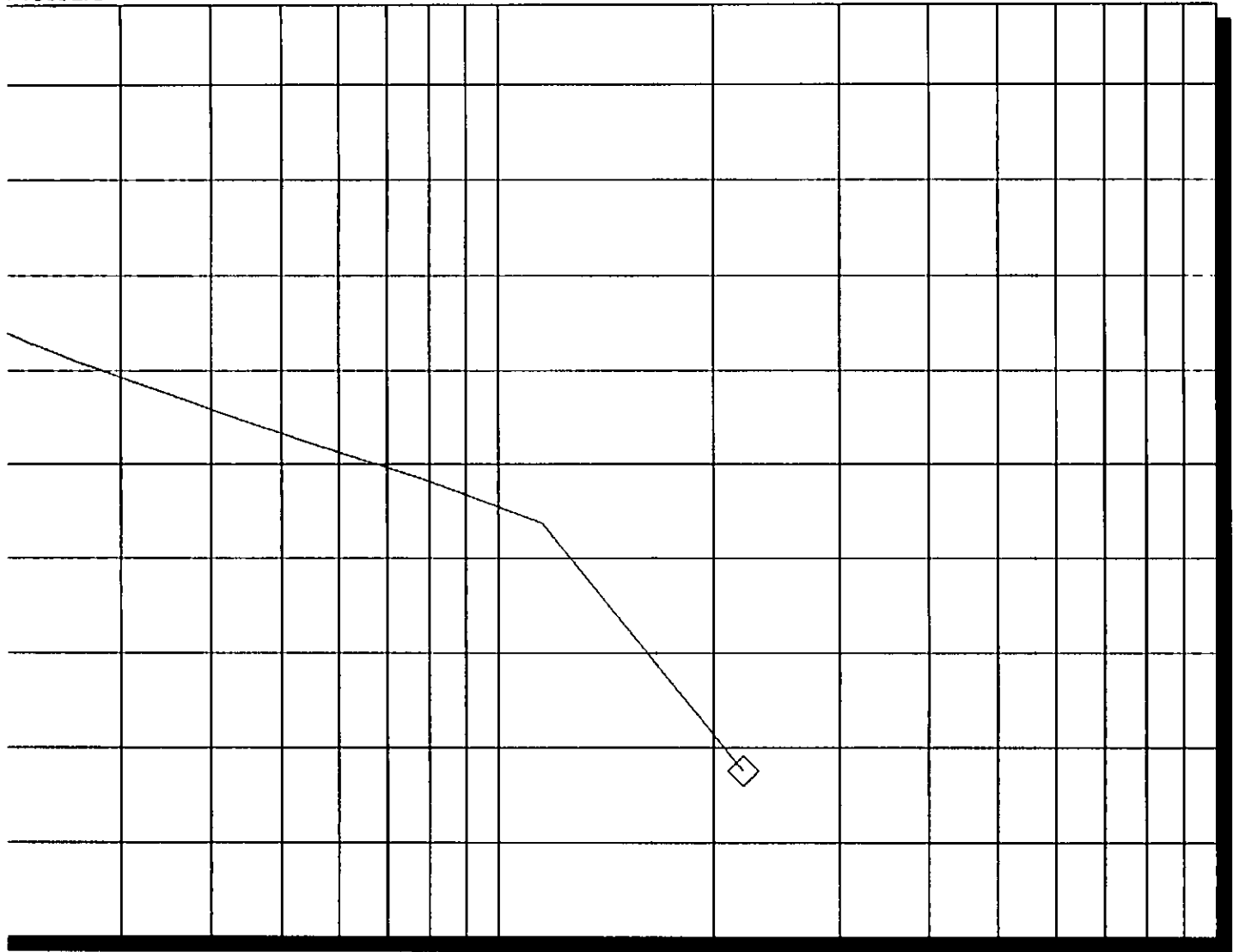


Pressure vs. Time



Horner Plot

Pressure



10¹

Horner Time: (T_{wf} + dt) / dt

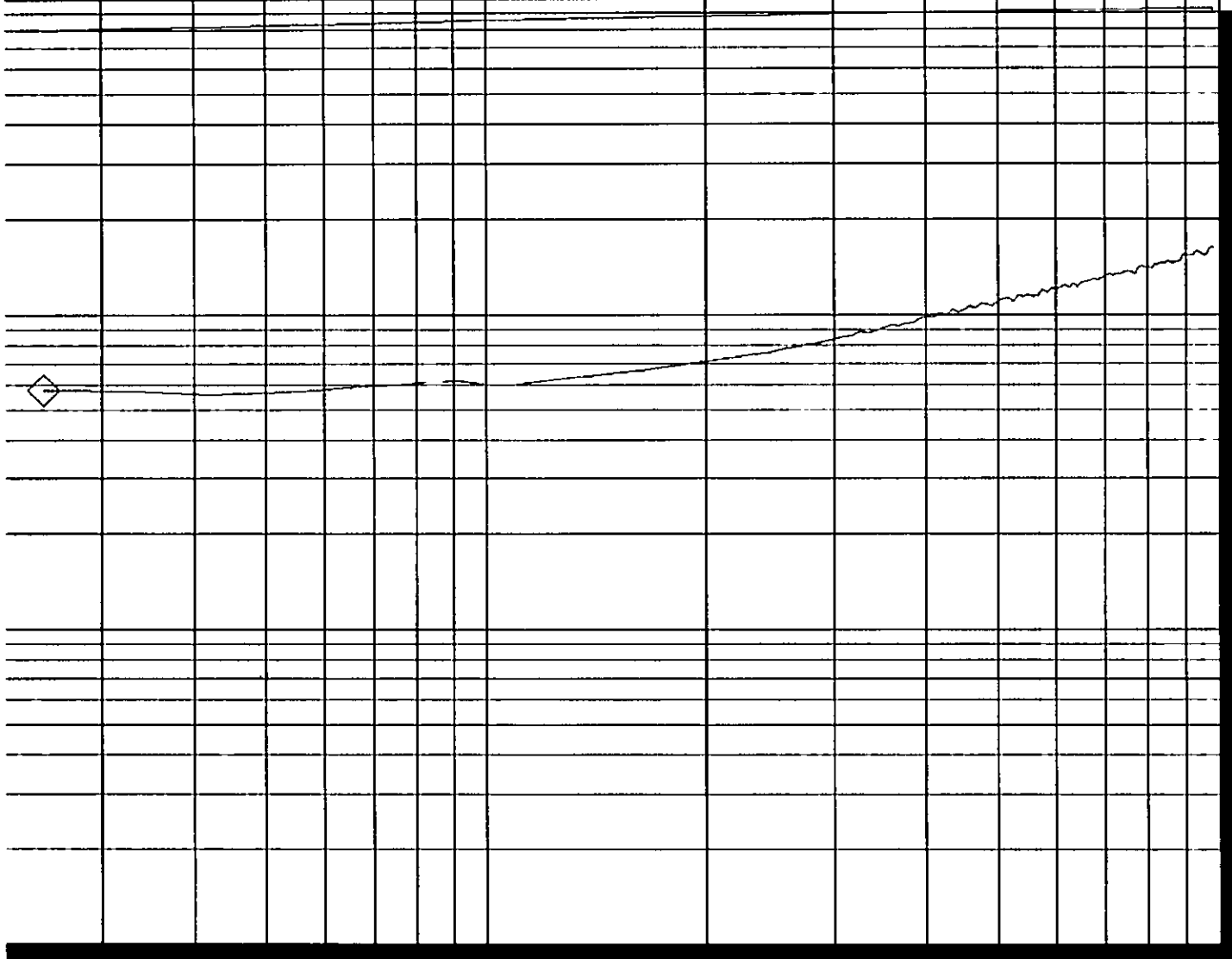
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

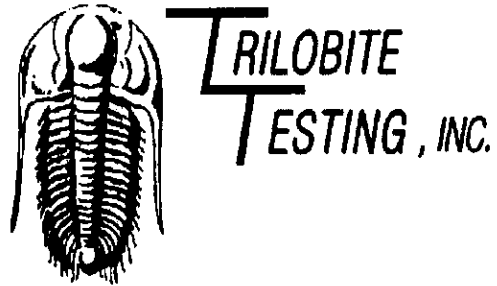
Log-Log and Pseudo-Derivative

Pressure



10⁻¹
Elapsed Time (dt)

Flow Cycle: 1



DRILL STEM TEST REPORT

Prepared For: **Sam Gary**

1515 Wynkoop St
Suite 700
Denver, CO 80202

ATTN: Clayton Camozzi

8-16s-16w/Rush

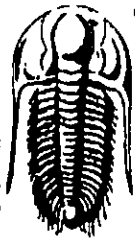
Dome Living Trust #1-8

Start Date: 2010.06.07 @ 23:30:24

End Date: 2010.06.08 @ 06:53:24

Job Ticket #: 38672 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

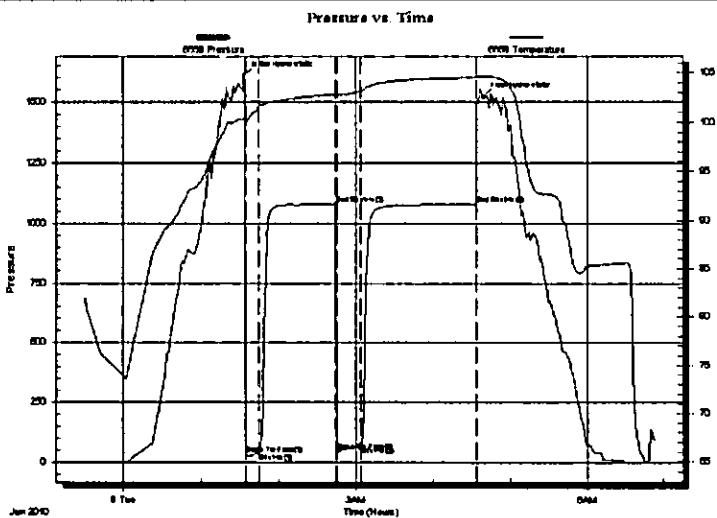
Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38672 **DST#: 2**
Test Start: 2010.06.07 @ 23:30:24

GENERAL INFORMATION:

Formation: **LKC "F-G"**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 01:34:24
Time Test Ended: 06:53:24
Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44
Interval: **3272.00 ft (KB) To 3310.00 ft (KB) (TVD)**
Reference Elevations: 1940.00 ft (KB)
Total Depth: 3272.00 ft (KB) (TVD) 1930.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: 65.26 psig @ 3276.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.06.07 End Date: 2010.06.08 Last Calib.: 2010.06.08
Start Time: 23:30:25 End Time: 06:53:24 Time On Btm: 2010.06.08 @ 01:33:24
Time Off Btm: 2010.06.08 @ 04:38:54

TEST COMMENT: IFP-BOB in 2.5 min
ISI-Weak blow back built to 1" died in 30 min
FFP-BOB in 4 min
FSI-Weak blow back built to 1" died in 24 min



PRESSURE SUMMARY

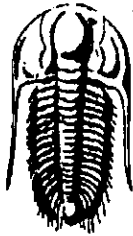
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1609.21	100.39	Initial Hydro-static
1	34.51	99.67	Open To Flow (1)
12	37.75	101.61	Shut-In(1)
71	1079.16	102.81	End Shut-In(1)
72	44.88	102.75	Open To Flow (2)
91	65.26	103.19	Shut-In(2)
180	1078.07	104.52	End Shut-In(2)
186	1520.91	104.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCWO 10%G,60%O,10%W,20%M	0.85
65.00	GOCM 20%G,30%,50%M	0.92
0.00	475' GP	0.00

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38672 **DST#: 2**
Test Start: 2010.06.07 @ 23:30:24

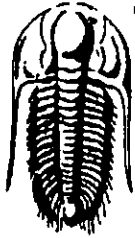
Tool Information

Drill Pipe:	Length: 3260.00 ft	Diameter: 3.82 inches	Volume: 46.21 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 46.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3272.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3245.00	
Shut In Tool	5.00			3250.00	
Hydraulic tool	5.00			3255.00	
Jars	5.00			3260.00	
Safety Joint	2.00			3262.00	
Packer	5.00			3267.00	28.00 Bottom Of Top Packer
Packer	5.00			3272.00	
Stubb	1.00			3273.00	
Perforations	2.00			3275.00	
Change Over Sub	1.00			3276.00	
Recorder	0.00	6668	Inside	3276.00	
Recorder	0.00	6669	Inside	3276.00	
Blank Spacing	30.00			3306.00	
Change Over Sub	1.00			3307.00	
Bullnose	3.00			3310.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38672 **DST#: 2**
Test Start: 2010.06.07 @ 23:30:24

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GMCWO 10%G,60%O,10%W,20%M	0.851
65.00	GOCM 20%G,30%,50%M	0.921
0.00	475' GP	0.000

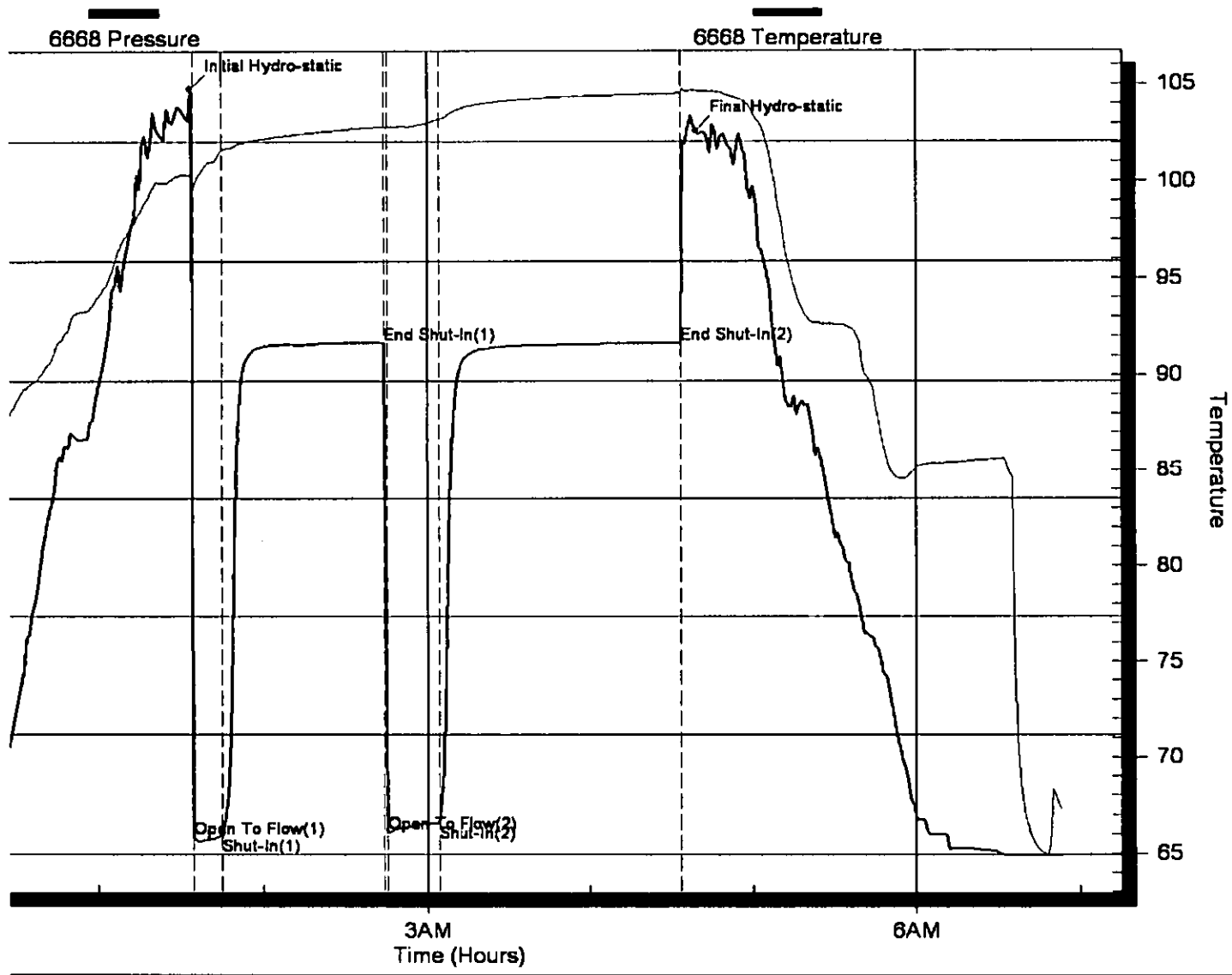
Total Length: 125.00 ft Total Volume: 1.772 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

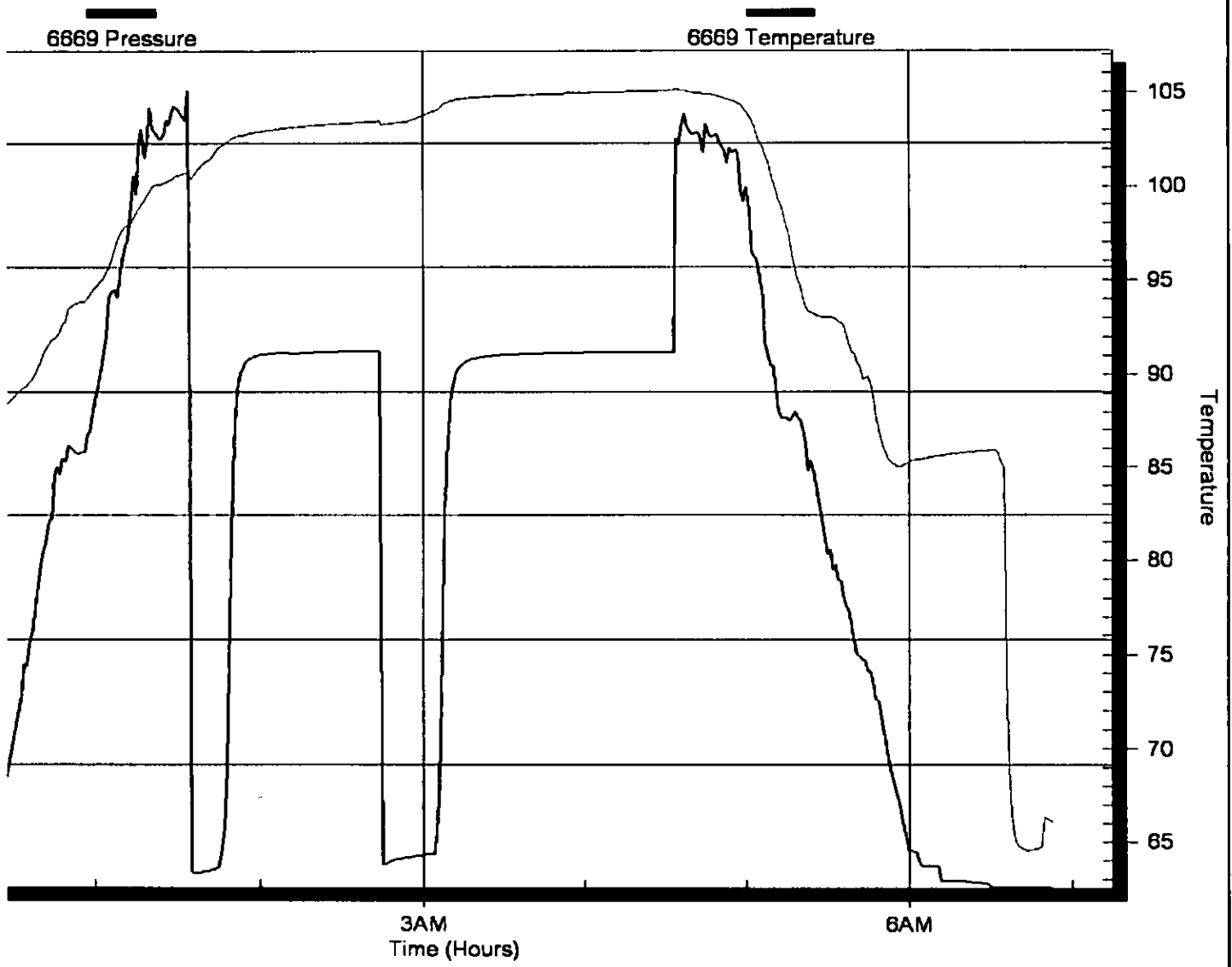
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

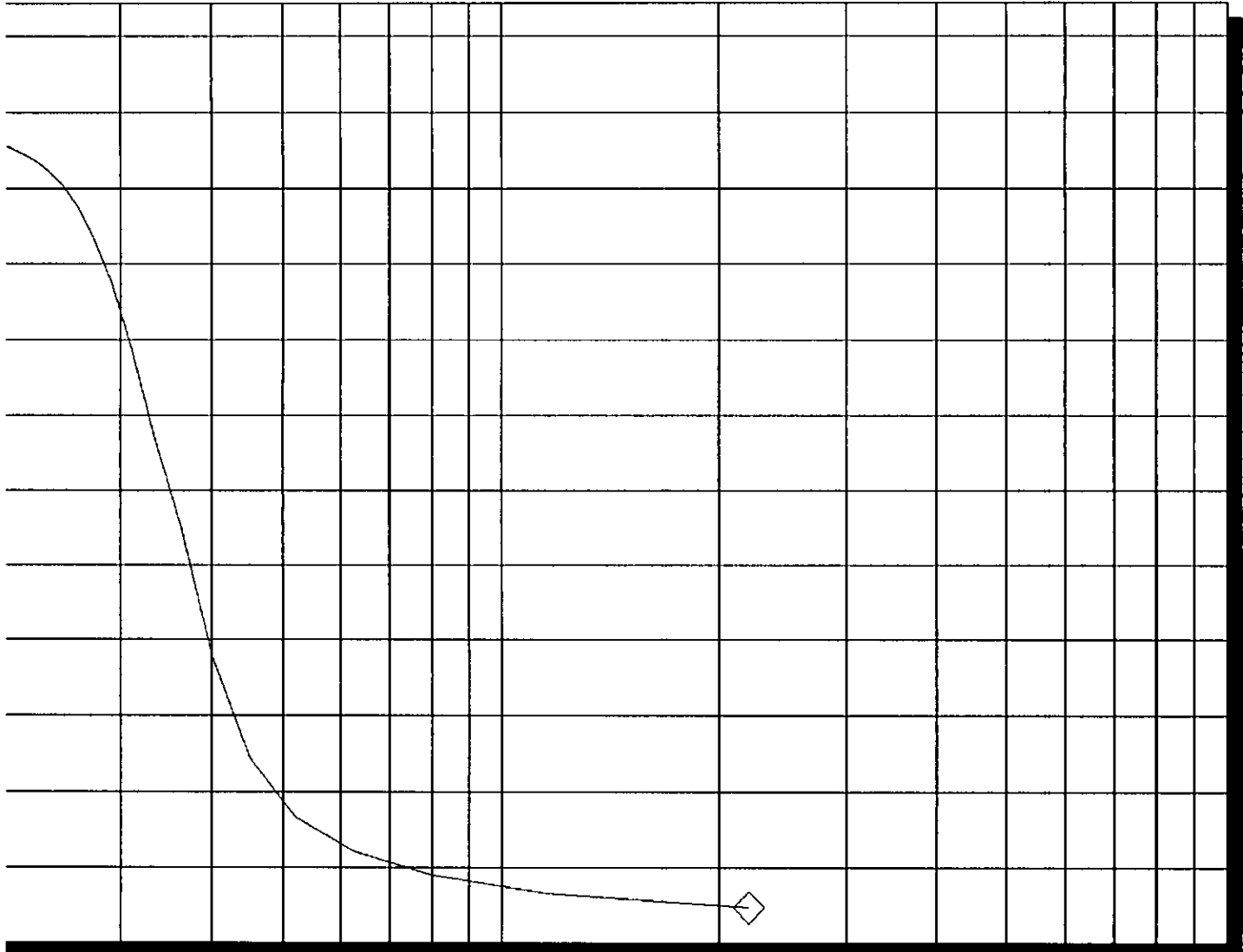


Pressure vs. Time



Horner Plot

Pressure



Horner Time: $(T_{wf} + dt) / dt$

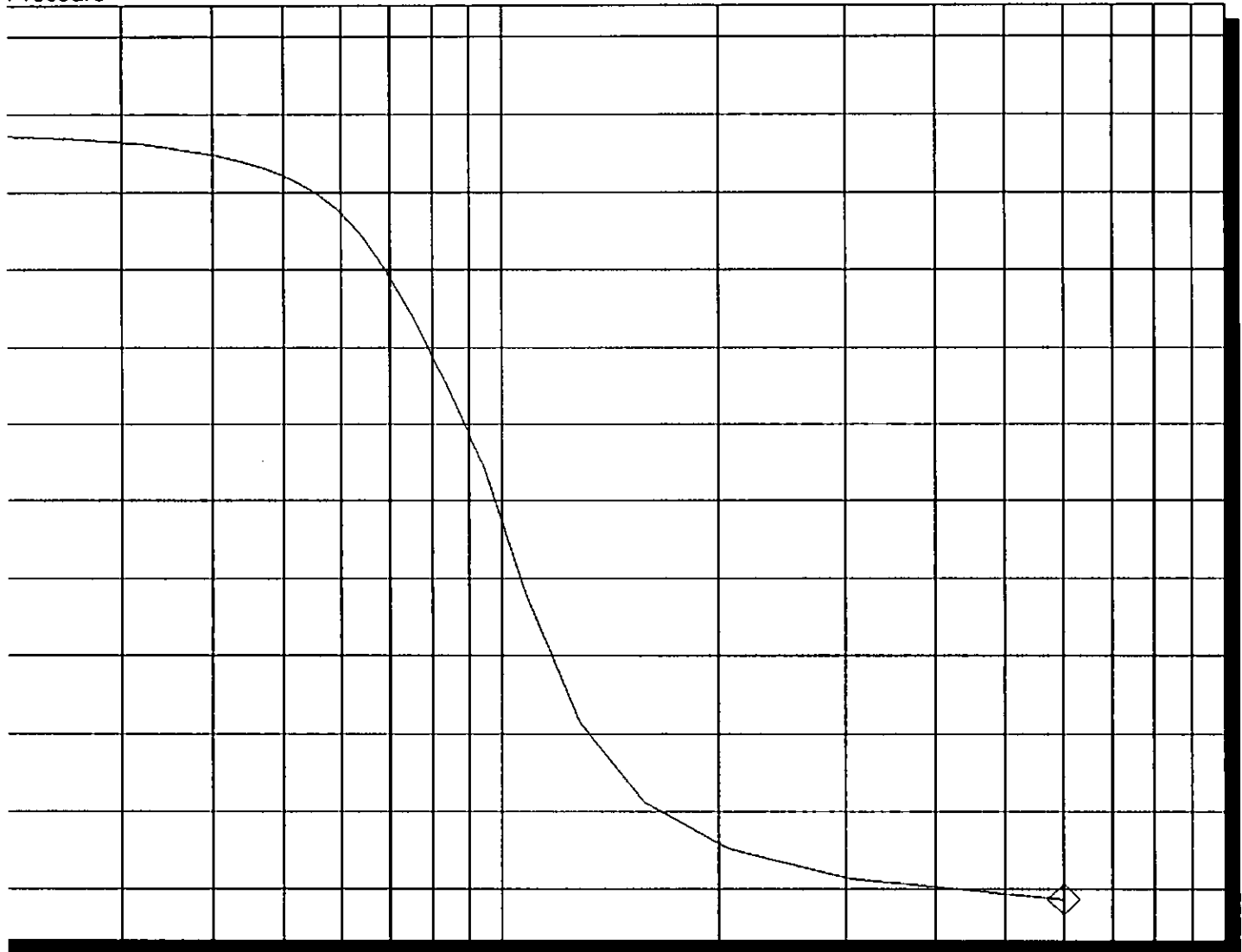
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot

Pressure



10¹

Horner Time: $(T_{wf} + dt) / dt$

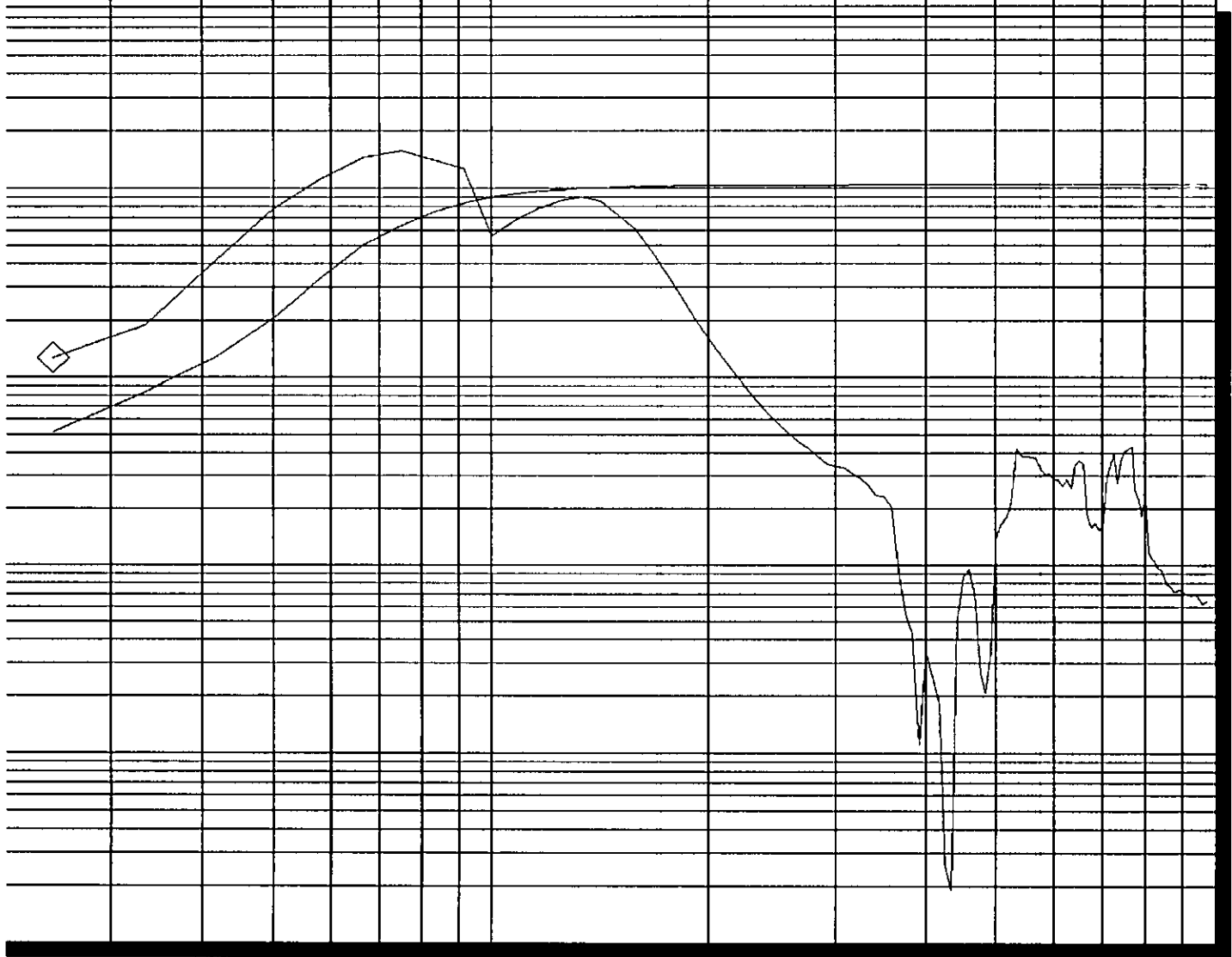
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative

Pressure

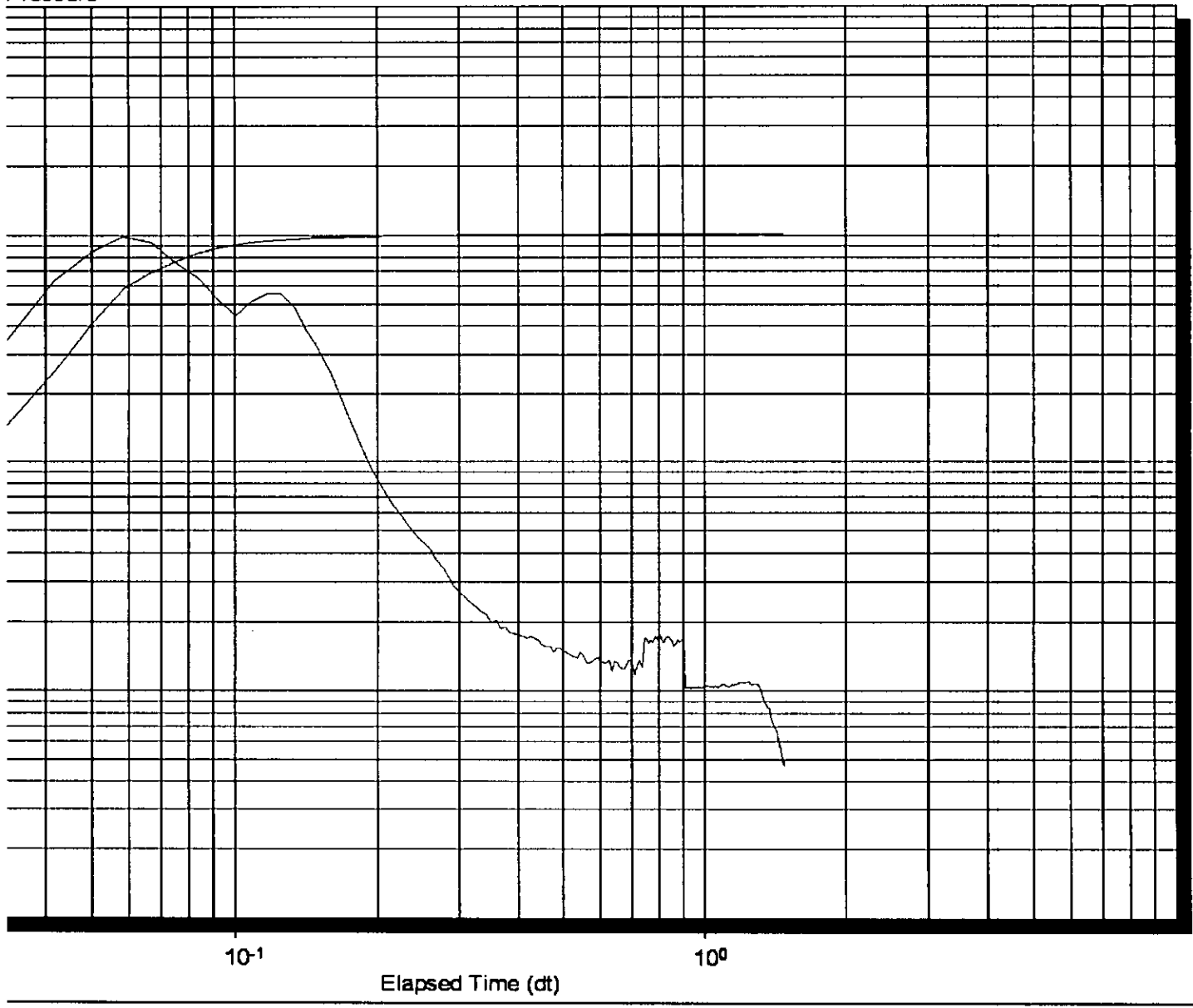


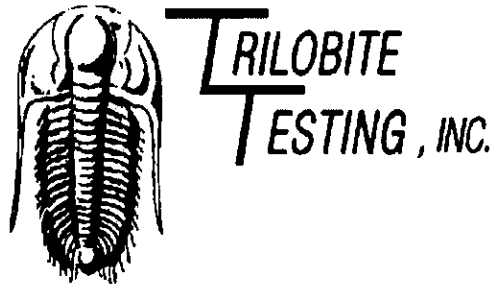
10⁻¹
Elapsed Time (dt)

Flow Cycle: 1

Log-Log and Pseudo-Derivative

—
Pressure





DRILL STEM TEST REPORT

Prepared For: **Sam Gary**

1515 Wynkoop St
Suite 700
Denver, CO 80202

ATTN: Clayton Camozzi

8-16s-16w/Rush

Dome Living Trust #1-8

Start Date: 2010.06.08 @ 14:20:54

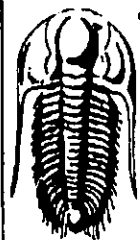
End Date: 2010.06.08 @ 22:35:24

Job Ticket #: 38673 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

Dome Living Trust #1-8

8-16s-16w/Rush

Job Ticket: 38673 **DST#: 3**

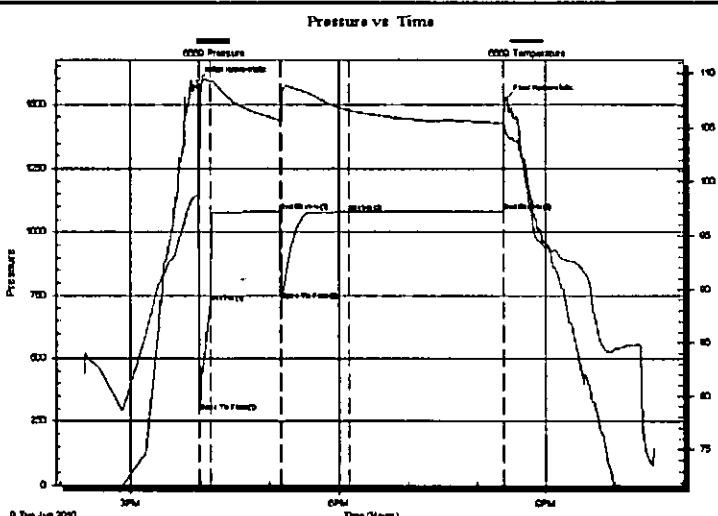
Test Start: 2010.06.08 @ 14:20:54

GENERAL INFORMATION:

Formation: **LKC "G"**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 15:59:24
 Time Test Ended: 22:35:24
 Interval: **3270.00 ft (KB) To 3322.00 ft (KB) (TVD)**
 Total Depth: **3322.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Tyson Flax**
 Unit No: **44**
 Reference Elevations: **1940.00 ft (KB)**
1930.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6669 **Inside**
 Press@RunDepth: **1078.42 psig @ 3274.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.06.08** End Date: **2010.06.08** Last Calib.: **2010.06.08**
 Start Time: **14:20:55** End Time: **22:35:24** Time On Btm: **2010.06.08 @ 15:58:24**
 Time Off Btm: **2010.06.08 @ 20:25:24**

TEST COMMENT: IFP-BOB in 1 min
 IS-Blow back built to 8"
 FFP-BOB in 40 sec died to 2"
 FS- no blow back



PRESSURE SUMMARY

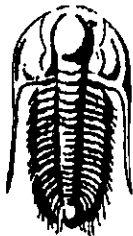
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1588.78	98.77	Initial Hydro-static
1	287.28	98.92	Open To Flow (1)
11	720.45	109.27	Shut-In(1)
71	1079.15	105.70	End Shut-In(1)
72	727.94	105.46	Open To Flow (2)
131	1078.42	106.60	Shut-In(2)
265	1079.76	105.44	End Shut-In(2)
267	1518.13	104.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1800.00	Water	25.52
300.00	WM 50-30%W,50-70%M	4.25
60.00	Mud w /scum of oil	0.85
5.00	OCM 10%O,90%M	0.07

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

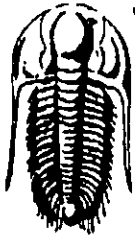
Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38673 **DST#: 3**
Test Start: 2010.06.08 @ 14:20:54

Tool Information

Drill Pipe:	Length: 3259.00 ft	Diameter: 3.82 inches	Volume: 46.20 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	46.20 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3270.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	80.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3243.00	
Shut In Tool	5.00			3248.00	
Hydraulic tool	5.00			3253.00	
Jars	5.00			3258.00	
Safety Joint	2.00			3260.00	
Packer	5.00			3265.00	28.00 Bottom Of Top Packer
Packer	5.00			3270.00	
Stubb	1.00			3271.00	
Perforations	2.00			3273.00	
Change Over Sub	1.00			3274.00	
Recorder	0.00	6668	Inside	3274.00	
Recorder	0.00	6669	Inside	3274.00	
Blank Spacing	31.00			3305.00	
Change Over Sub	1.00			3306.00	
Perforations	13.00			3319.00	
Bullnose	3.00			3322.00	52.00 Bottom Packers & Anchor
Total Tool Length:	80.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38673 DST#: 3
Test Start: 2010.06.08 @ 14:20:54

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	75000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1800.00	Water	25.516
300.00	WM 50-30%W,50-70%M	4.253
60.00	Mud w /scum of oil	0.851
5.00	OCM 10%O,90%M	0.071

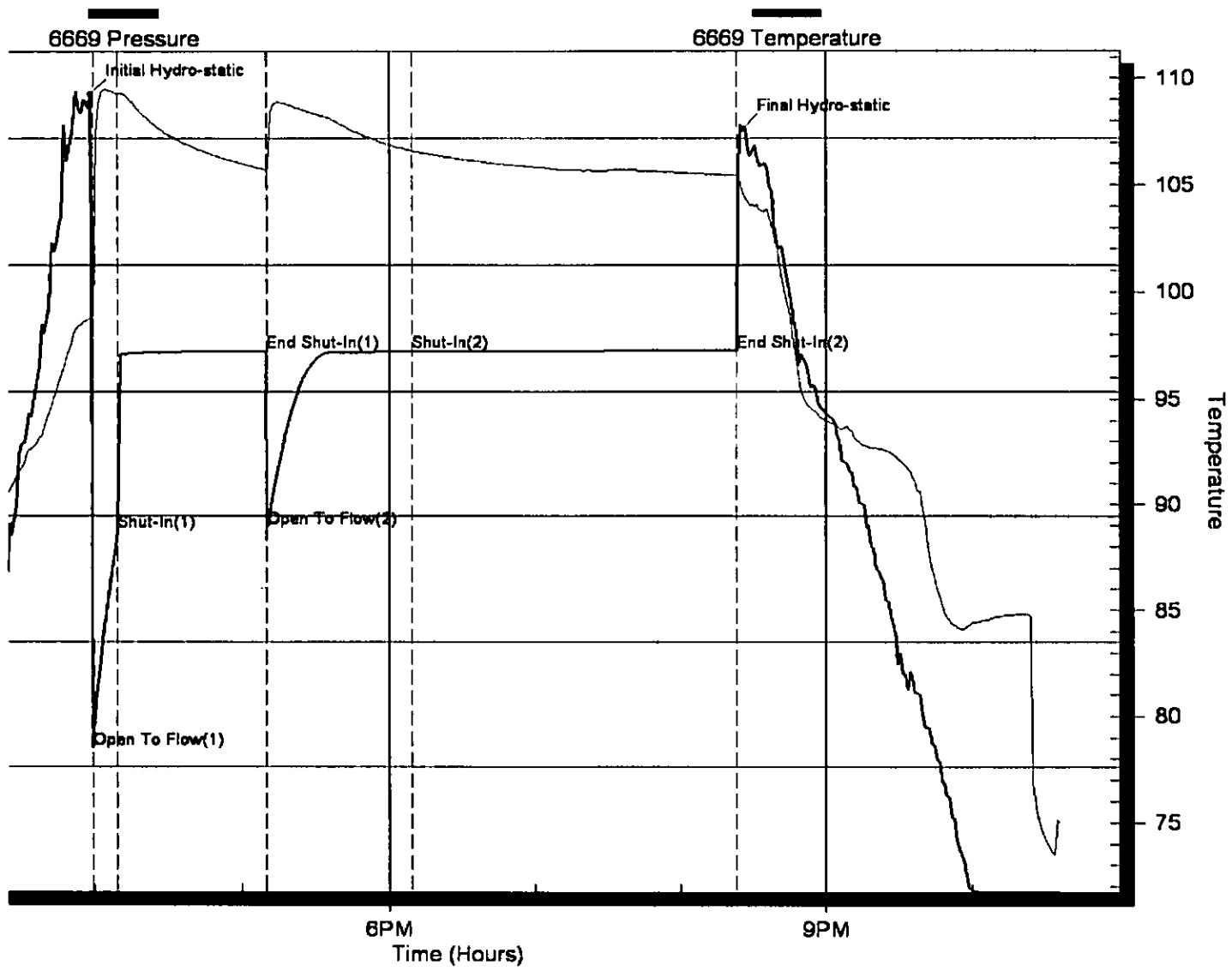
Total Length: 2165.00 ft Total Volume: 30.691 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

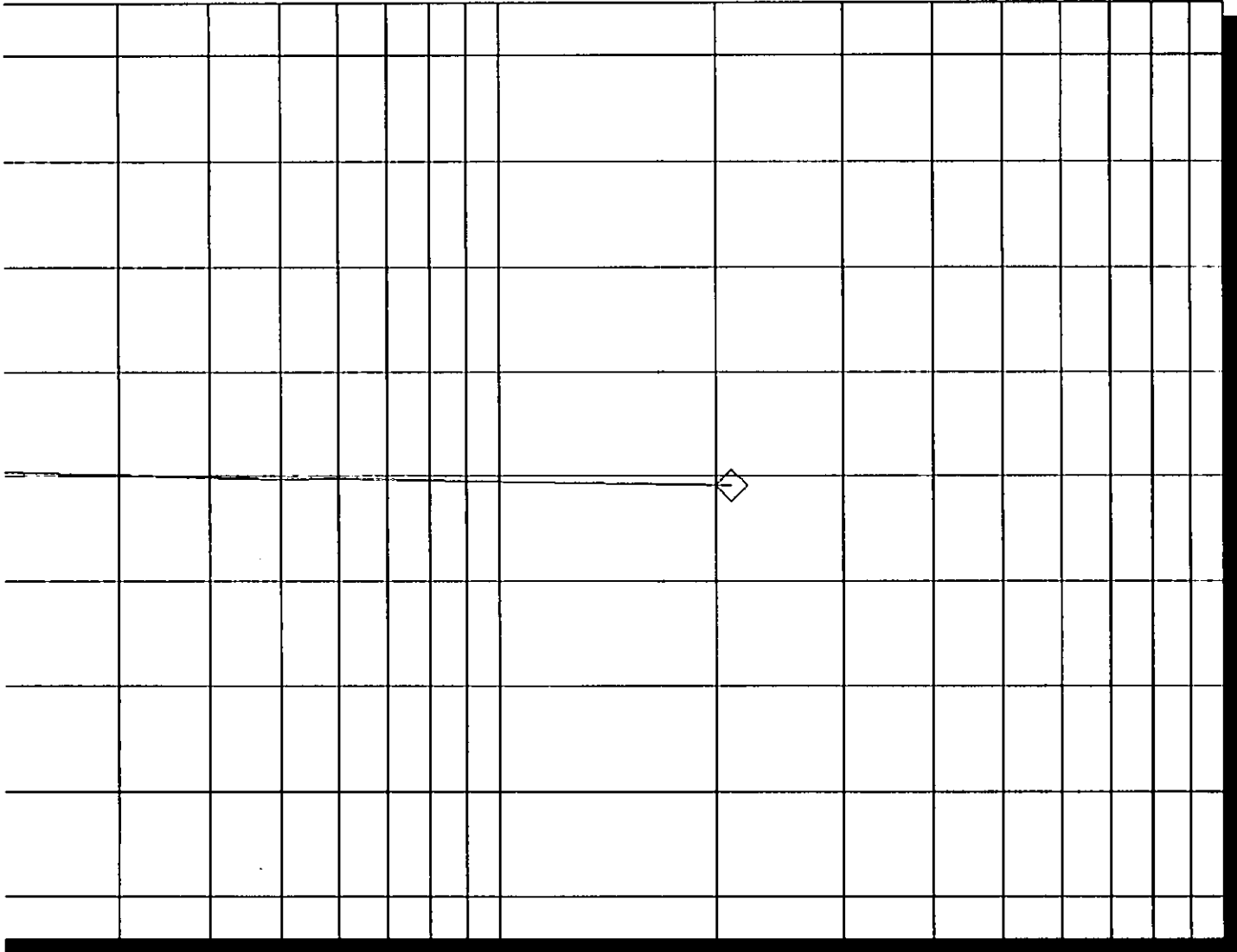
Recovery Comments:

Pressure vs. Time



Horner Plot

Pressure



10¹

Horner Time: (Twf + dt) / dt

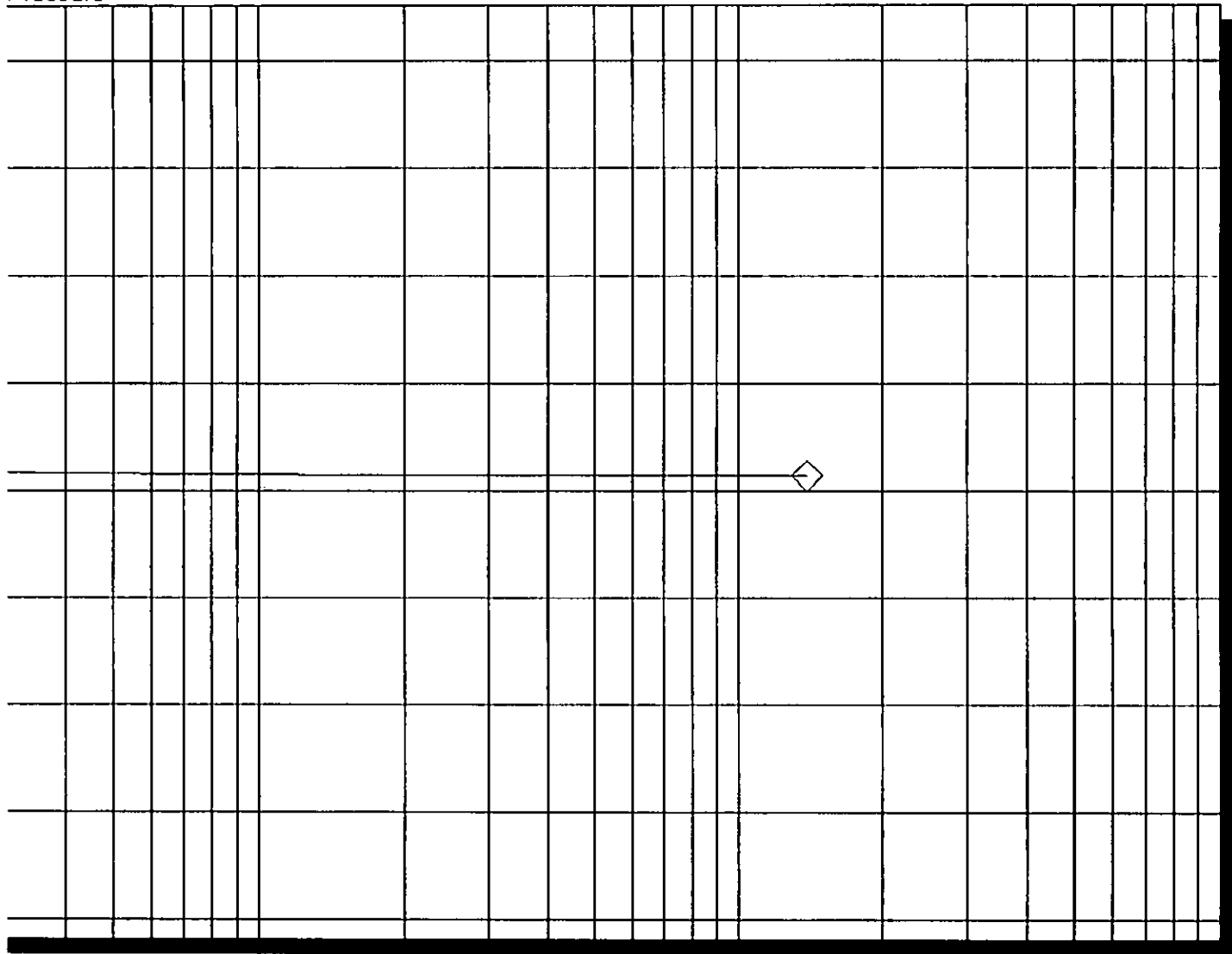
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot

Pressure



10¹

10²

Horner Time: (T_{wf} + dt) / dt

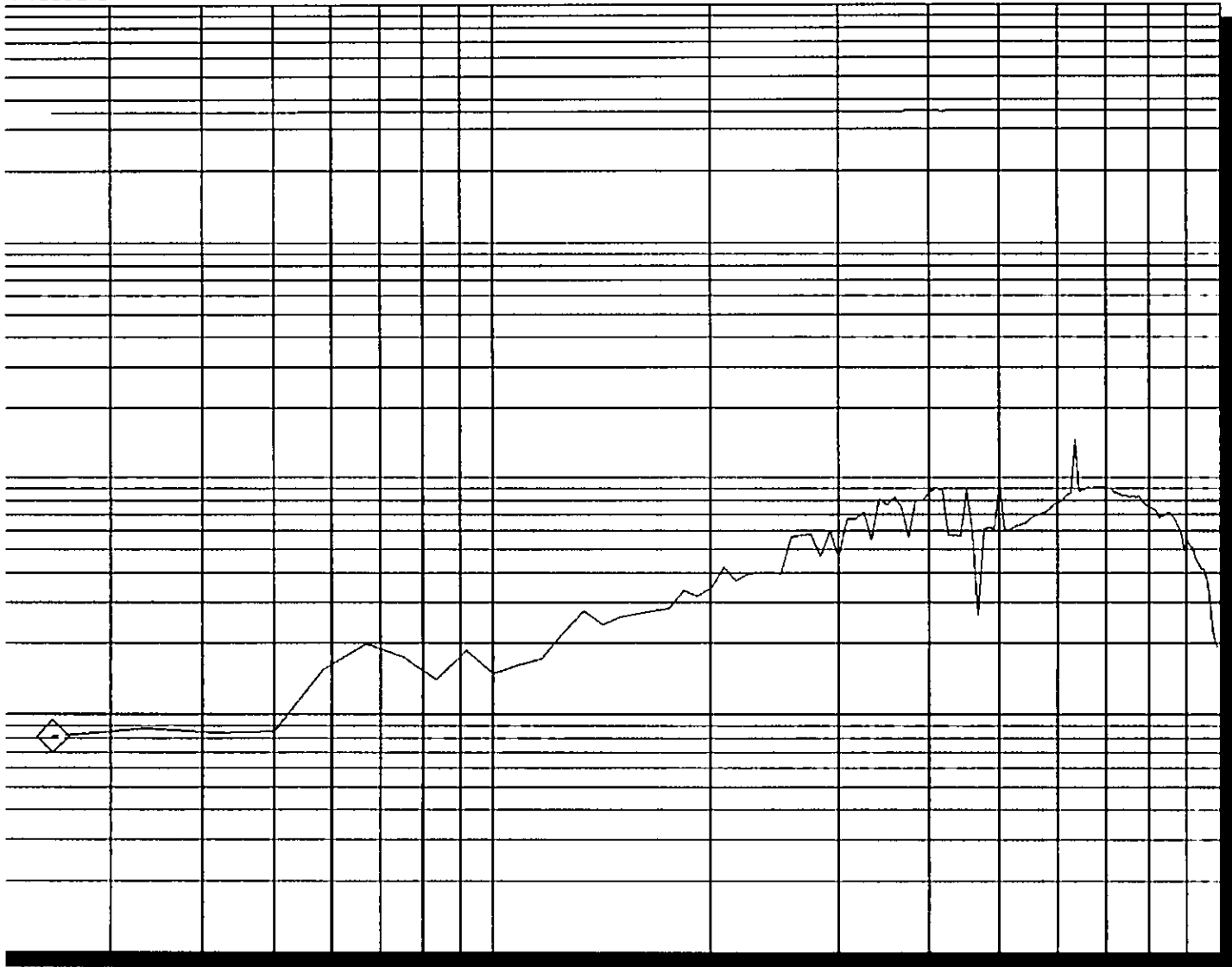
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative

Pressure

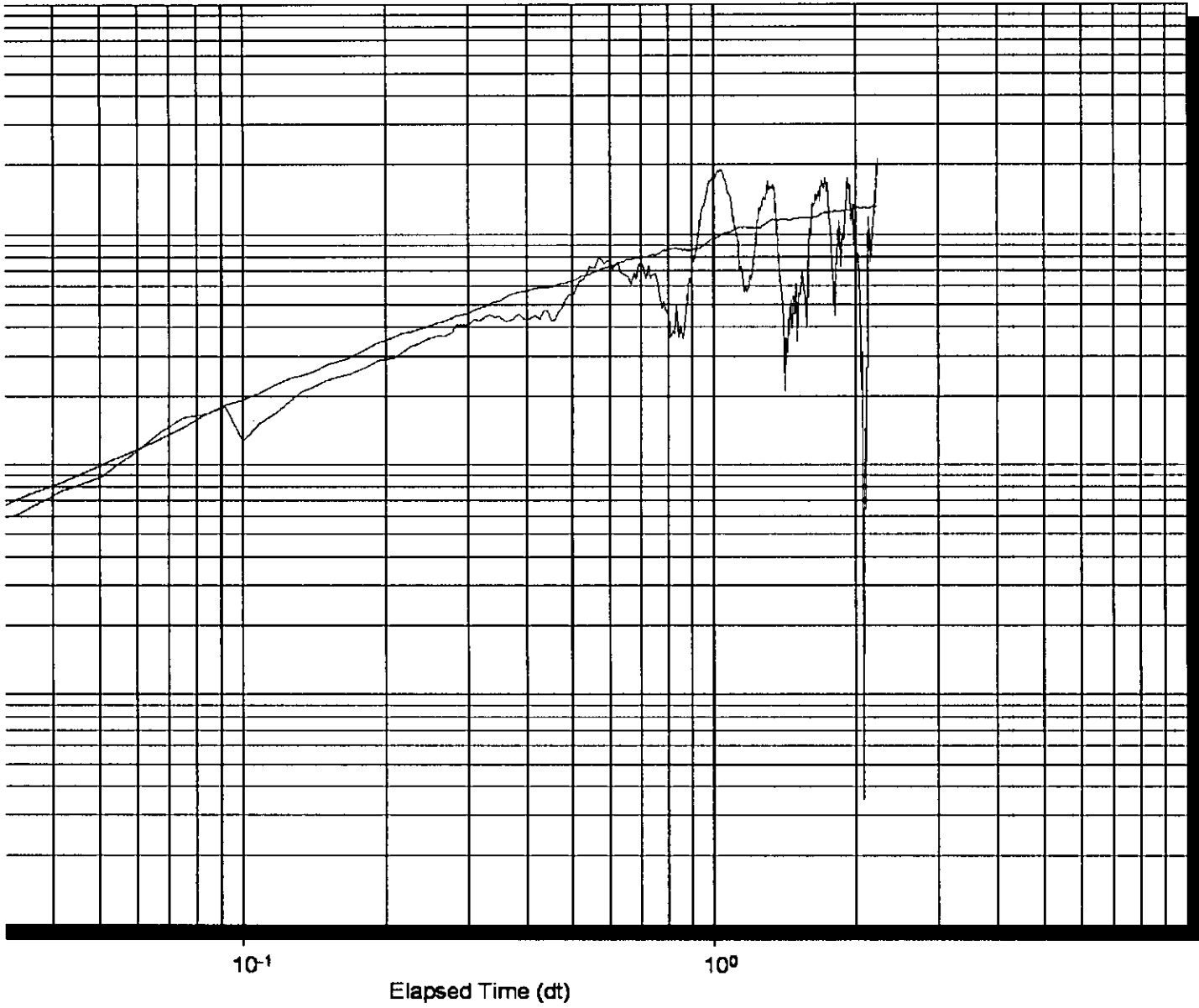


10⁻¹
Elapsed Time (dt)

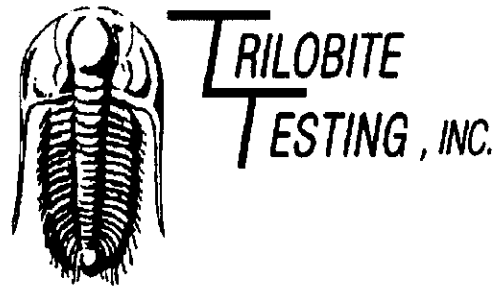
Flow Cycle: 1

Log-Log and Pseudo-Derivative

Pressure



Flow Cycle: 2



DRILL STEM TEST REPORT

Prepared For: **Sam Gary**

1515 Wynkoop St
Suite 700
Denver, CO 80202

ATTN: Clayton Camozzi

8-16s-16w/Rush

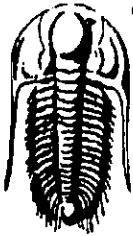
Dome Living Trust #1-8

Start Date: 2010.06.09 @ 14:00:42

End Date: 2010.06.09 @ 21:18:12

Job Ticket #: 38674 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38674 **DST#: 4**
Test Start: 2010.06.09 @ 14:00:42

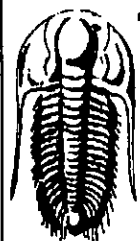
Tool Information

Drill Pipe:	Length: 3385.00 ft	Diameter: 3.82 inches	Volume: 47.98 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	47.98 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3386.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3359.00	
Shut In Tool	5.00			3364.00	
Hydraulic tool	5.00			3369.00	
Jars	5.00			3374.00	
Safety Joint	2.00			3376.00	
Packer	5.00			3381.00	28.00 Bottom Of Top Packer
Packer	5.00			3386.00	
Stubb	1.00			3387.00	
Perforations	3.00			3390.00	
Recorder	0.00	6668	Inside	3390.00	
Recorder	0.00	6669	Outside	3390.00	
Perforations	25.00			3415.00	
Bullnose	3.00			3418.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary
1515 Wynkoop St
Suite 700
Denver, CO 80202
ATTN: Clayton Camozzi

Dome Living Trust #1-8
8-16s-16w/Rush
Job Ticket: 38674 **DST#: 4**
Test Start: 2010.06.09 @ 14:00:42

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.38 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4500.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GCO 20%G,80%	0.851
50.00	OCM 20%O,80%M	0.709
1.00	CO	0.014
0.00	730' GP	0.000

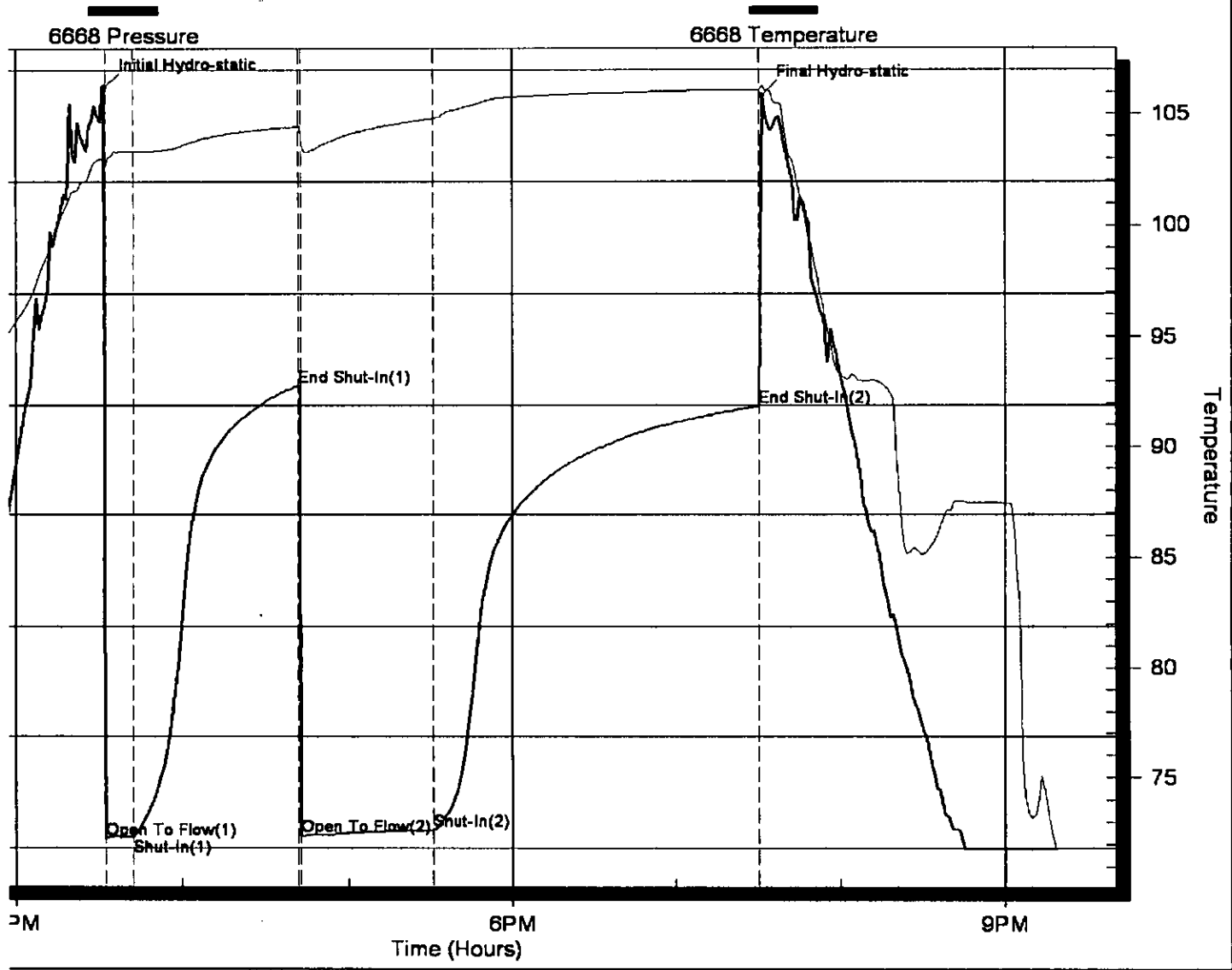
Total Length: 111.00 ft Total Volume: 1.574 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

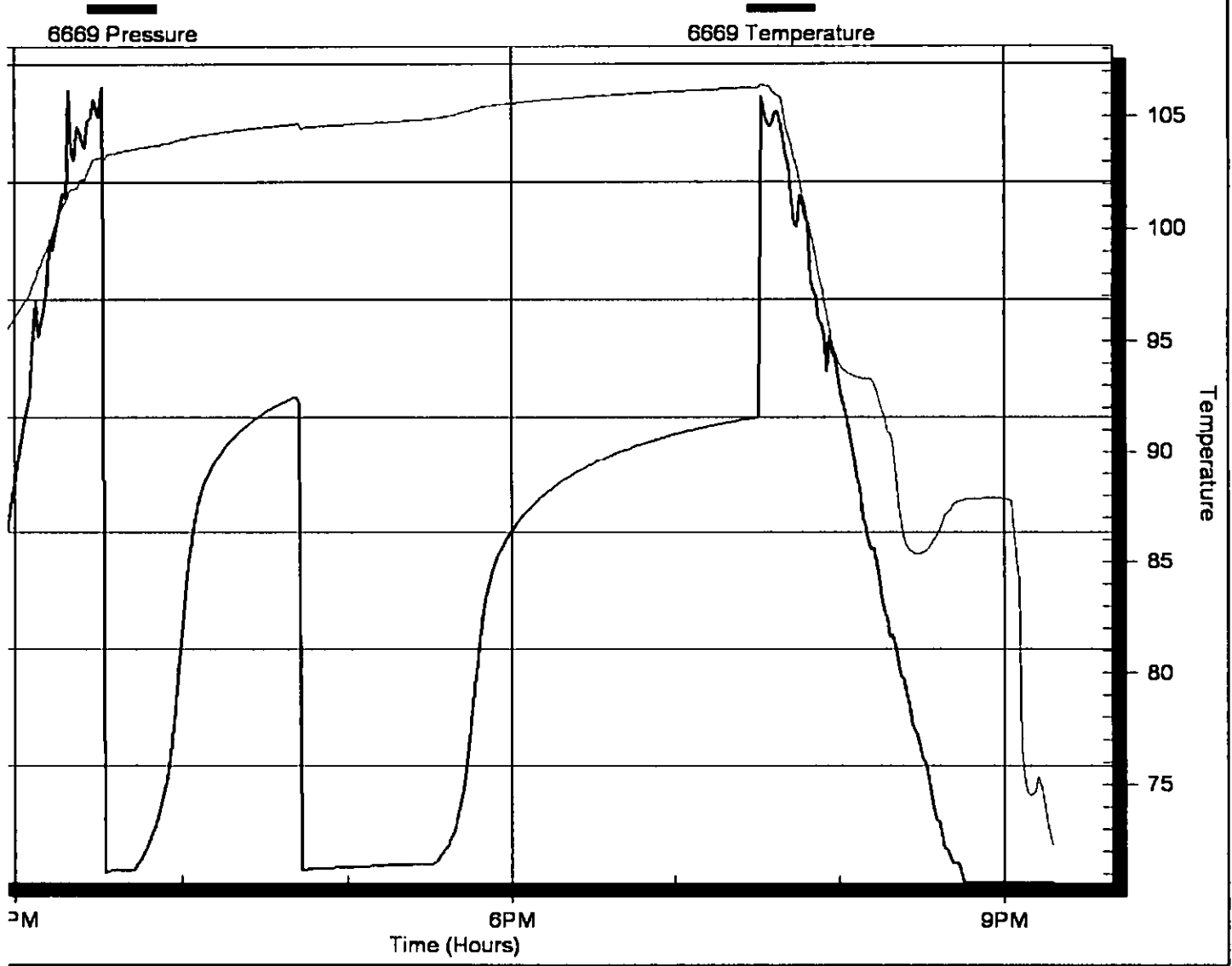
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

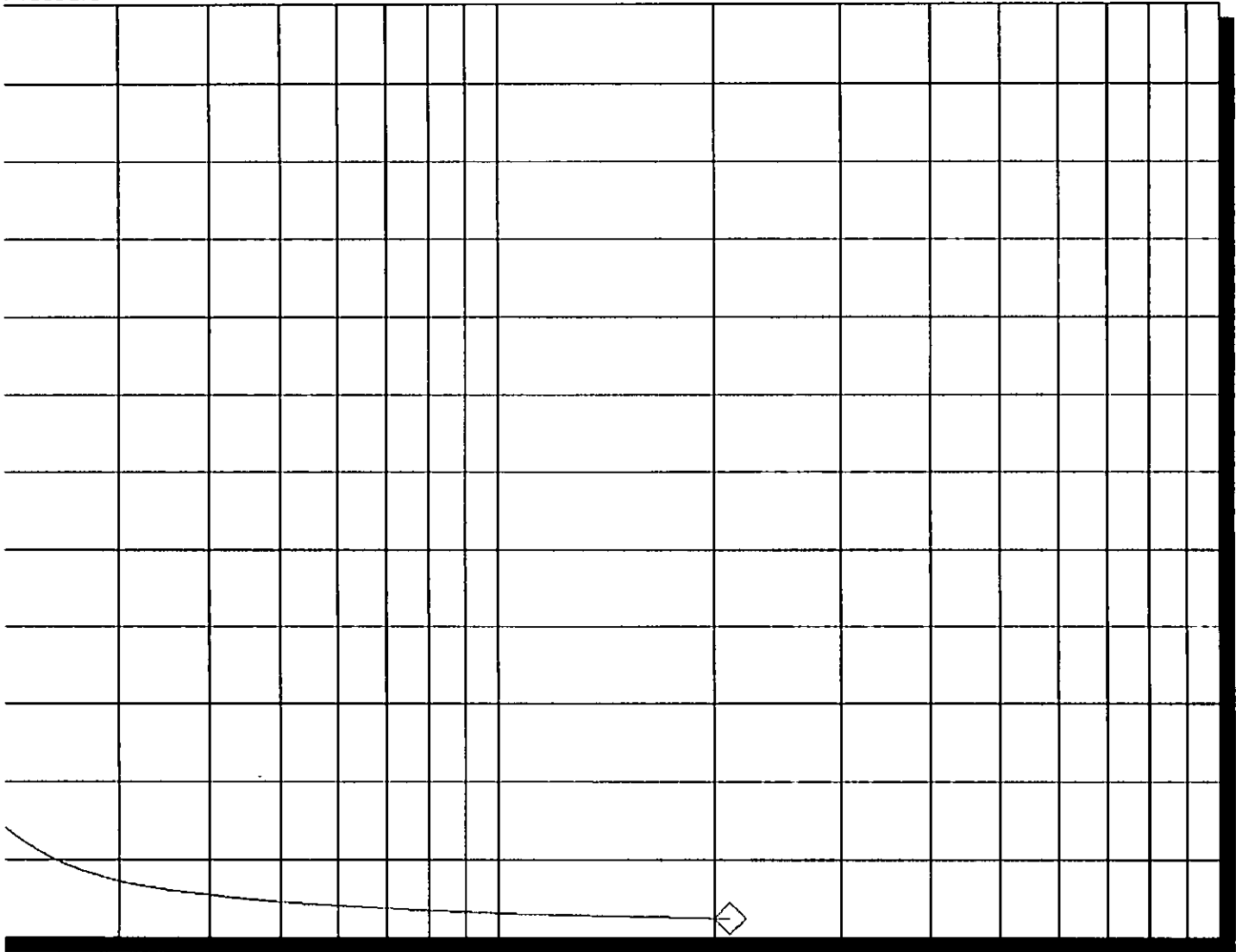


Pressure vs. Time



Horner Plot

Pressure



10¹

Horner Time: (Twf + dt) / dt

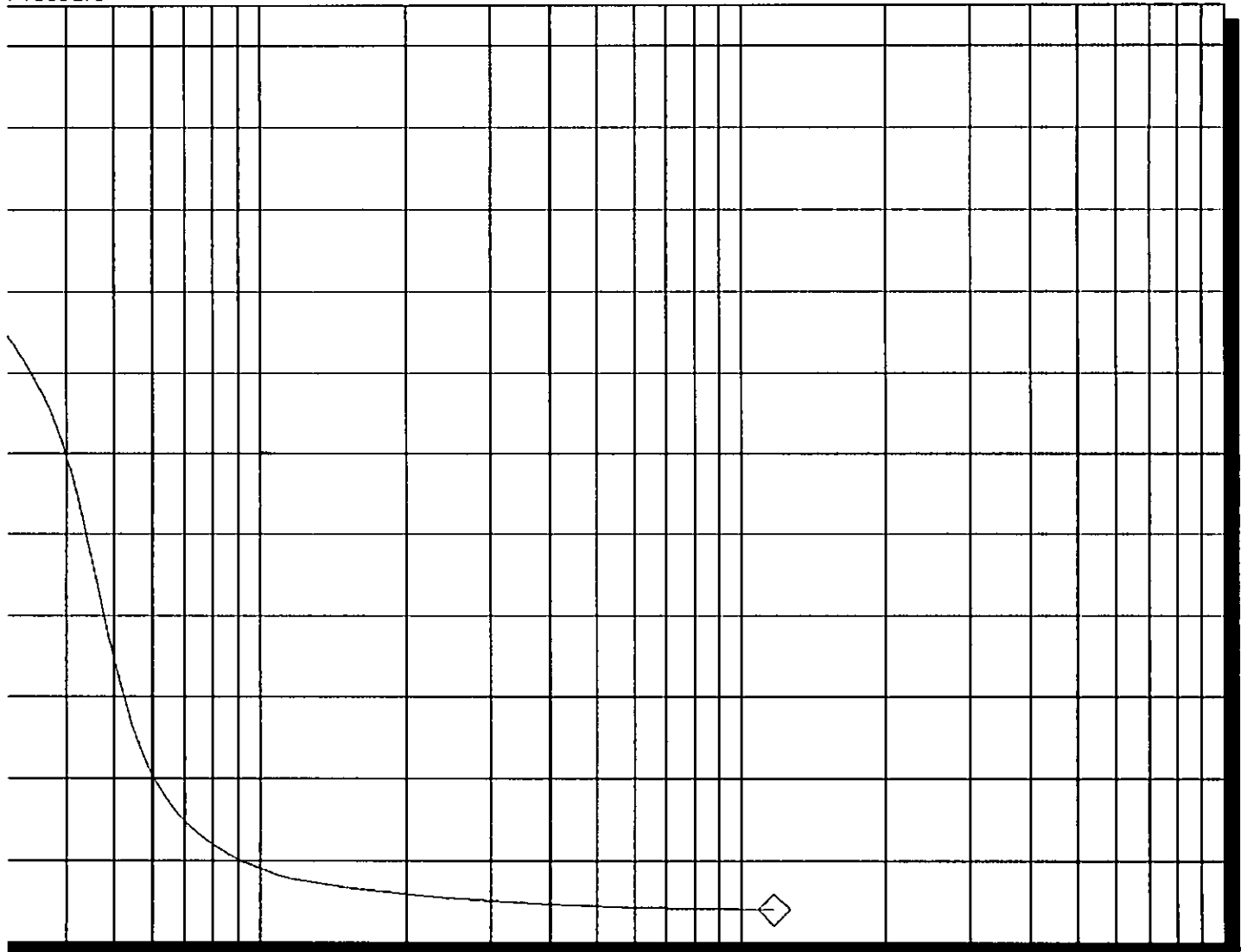
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot

Pressure



10¹

Horner Time: $(T_{wf} + dt) / dt$

10²

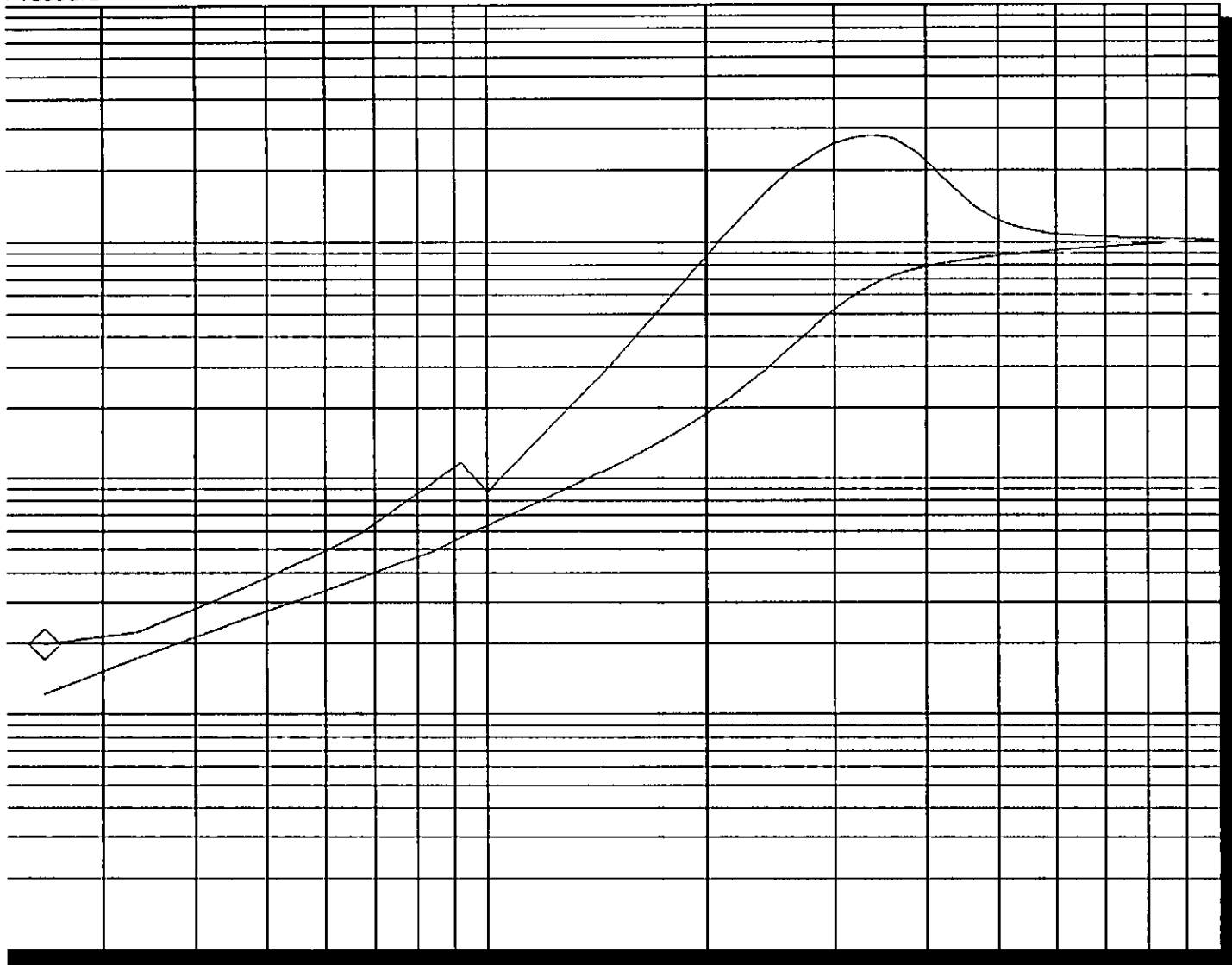
P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative

—
Pressure

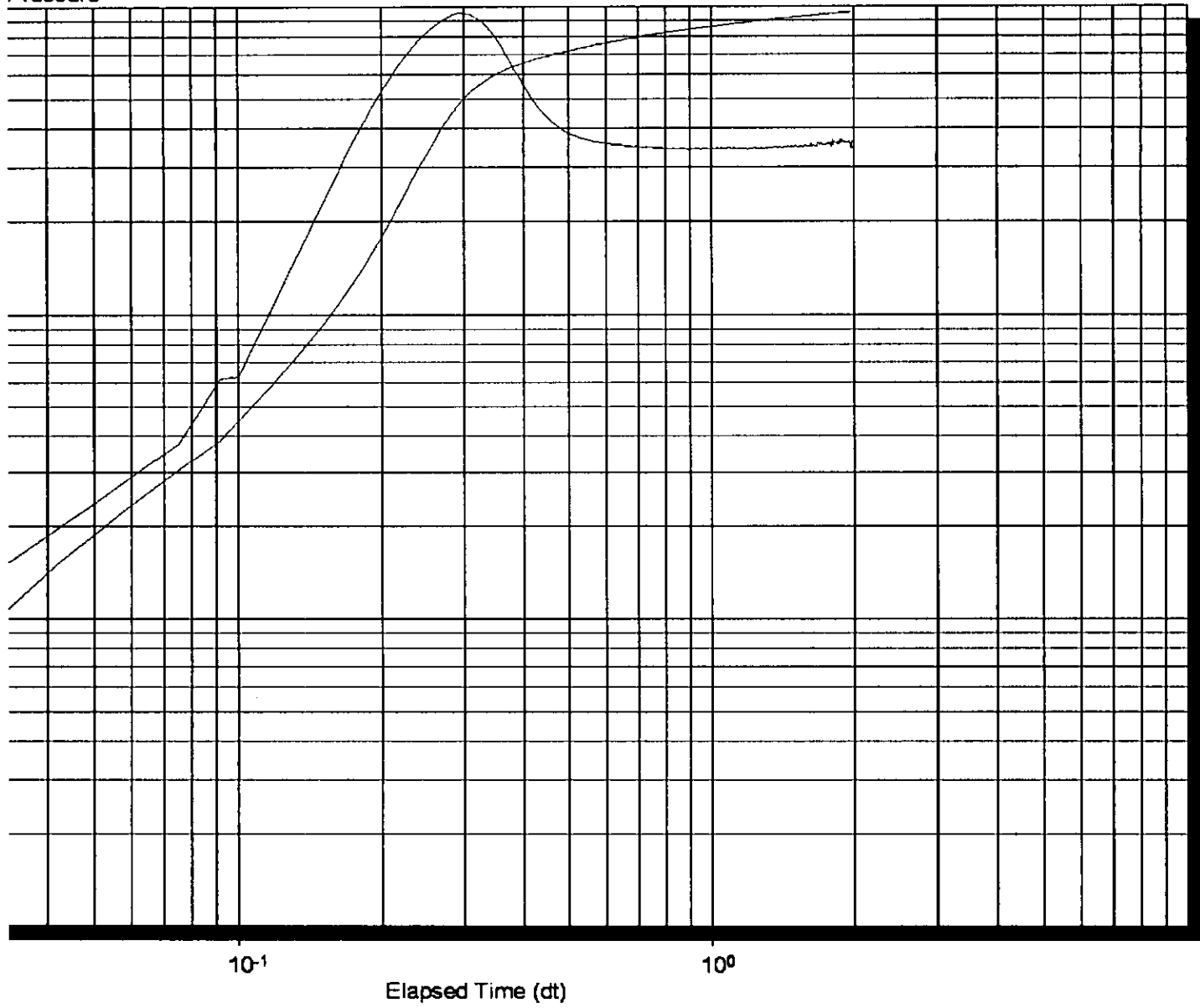


10⁻¹
Elapsed Time (dt)

Flow Cycle: 1

Log-Log and Pseudo-Derivative

—
Pressure



Flow Cycle: 2