



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1047055

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	MAIER-SCHNEIDER 1-25
Doc ID	1047055

All Electric Logs Run

ARRAY INDUCTION SHALLOW FOCUSSED ELECTRIC LOG
COMPACT PHOTO DENSITY COMPENSATED NEUTRON
COMPENSATED SONIC
MICRO RESISTIVITY



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

November 16, 2010

THOMAS G. FERTAL
Samuel Gary Jr. & Associates, Inc.
1515 WYNKOOP, STE 700
DENVER, CO 80202

Re: ACO1
API 15-165-21890-00-00
MAIER-SCHNEIDER 1-25
SE/4 Sec.25-16S-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 at 303-831-4673.

Respectfully,
THOMAS G. FERTAL



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: 7/22/2010
 Invoice # 4095

P.O.#:
 Due Date: 8/21/2010
 Division:

Invoice

Contact:

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

Reference:

MAIER-SCHNEIDER 1-25

Description of Work:

Services / Items Included:	Quantity	Price	Item	Quantity	Price
Surface Job	1	\$0.00			
Distance from Job location to Nearest Camp	29	\$228.01			
Premium Gel (Bentonite)	8	\$112.62	8 5/8" Centralizer	3	\$166.03
Flo Seal	100	\$172.95	8 5/8" Basket	3	\$819.77
Common-Class A	400	\$4,046.96			
Calcium Chloride	14	\$0.00			
Distance from Job location to Nearest Bulk Plant	29	\$133.42			
Truck Material-Material Service Charge	422	\$664.91			
Baffle Plate Aluminum, 8 5/8"	1	\$77.83			
		Labor: \$678.88			

Quoted by: Dave Funk

SubTotal: \$ 8,231.10

Discount Available ONLY if Invoice is Paid &
 Received within listed terms of invoice: \$ (1,234.66)

Total: \$ 6,996.43

Tax: \$ 560.20

\$ 7,556.63

Applied Payments:

Balance Due: \$ 7,556.63

Invoice Terms:

Net 30

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.

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PAID
 AUG 04 2010
 SAMUEL GARY JR.
 & ASSOCIATES, INC.

DRLG COMP W/O LOE
 AFE # _____
 ACCT # 820135
 APPROVED BY [Signature]

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 4095
11:30 AM

Date	7-21-2010	Sec.	25	Twp.	16	Range	16	County	Rush	State	Ks	On Location		Finish	11:30 AM
Lease	Maier-Schneider			Well No.	1-25			Location	Galatia, Ks - W to Otis Rd, 1S, 2E						
Contractor	Discovery Drilling Rig #2							Owner	M/S						
Type Job	Surface							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/4"			T.D.	1055'			Charge To	Samuel Gary						
Csg.	8 5/8"			Depth	1055'			Street							
Tbg. Size				Depth				City	State						
Tool	Baffle plate			Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	42.28			Shoe Joint	42.28			Cement Amount Ordered	400 sx Common 3% CC 2% Gel						
Meas Line				Displace											

EQUIPMENT

Pumptrk	5	No.	Cement Helper	Dave	3
Bulktrk	12	No.	Driver	Cisco	3
Bulktrk	pick up	No.	Driver	Rick	3

1/4# F.S.
Common 400
Poz. Mix
Gel. 8

JOB SERVICES & REMARKS

Remarks: Cement did Circulate

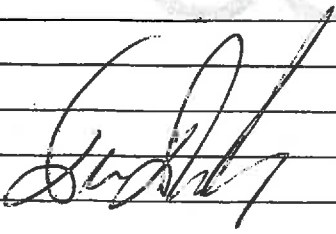
Calcium 13/14

Rat Hole	Salt
Mouse Hole	Flowseal 100#
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 422
	Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer 3 - 8 5/8" tubularizer's
Baskets 3 - 8 5/8"
AFU Inserts
Float Shoe
Latch Down
1 - 8 5/8" Baffle plate
1 - 8 5/8" Rubber plug
Pumptrk Charge Long Surface
Mileage 29

Tax
Discount
Total Charge

Signature 



PAGE 1 of 1	CUST NO 1003682	INVOICE DATE 07/29/2010
INVOICE NUMBER 1718 - 90371462		

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 Maier-Schneider 1-25
 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
40211616	27463		Net - 30 days	08/28/2010

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 07/28/2010 to 07/28/2010				
0040211616				
171802123A Cement-New Well Casing/Pi 07/28/2010 CNW-5 1/2" Longstring				
60/40 POZ	75.00	EA	7.56	566.96 T
50/50 POZ	125.00	EA	6.93	866.20 T
Cello-flake	31.00	EA	2.33	72.26 T
Calcium Chloride	210.00	EA	0.66	138.91 T
Cal-Set	625.00	EA	0.47	295.29 T
FLA-322	104.00	EA	4.72	491.37 T
Cement Gel	210.00	EA	0.16	33.07 T
Gilsonite	1,000.00	EA	0.42	422.07 T
CS-1L, KCl Substitute	4.00	EA	22.05	88.19 T
Super Flush II	500.00	EA	0.96	481.92 T
Latch Down Plug & Baffle	1.00	EA	251.98	251.98
Auto Fill Float Shoe	1.00	EA	226.79	226.79
Turbolizer	8.00	EA	69.30	554.37
Heavy Equipment Mileage	170.00	MI	4.41	749.65
Proppant & Bulk Delivery Charges	723.00	MI	1.01	728.74
Blending & Mixing Service Charge	200.00	MI	0.88	176.39
Unit Mileage Charge-Pickups, Vans & Cars	85.00	HR	2.68	227.57
Depth Charge; 3001'-4000'	1.00	HR	1,360.73	1,360.73
Casing Swivel Rental	1.00	EA	125.99	125.99
Plug Container Utilization Charge	1.00	EA	157.49	157.49
Service Supervisor	1.00	HR	110.24	110.24

DRLG COMP W/O LOE

AFE #

ACCT # 7200-136

APPROVED BY [Signature]

AUG 04 2010

PLEASE REMIT TO: SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP
 PO BOX 841903
 DALLAS, TX 75284-1903

BASIC ENERGY SERVICES, LP
 PO BOX 10460
 MIDLAND, TX 79702

SUB TOTAL 8,126.18
 TAX 217.74
 INVOICE TOTAL 8,343.92



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

00-102 11112
FIELD SERVICE TICKET

1718 02123 A

DATE _____ TICKET NO. _____

DATE OF JOB: 7-28-10		DISTRICT: Pratt, Ks.		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: SAM GARY JR. ASSOCIATES, INC.		LEASE: MAIER-SCHNEIDER		WELL NO. 1-25						
ADDRESS:		COUNTY: RUSH		STATE: Ks.						
CITY:		STATE:		SERVICE CREW: ORLANDO, LESLEY, URBAN						
AUTHORIZED BY:		JOB TYPE: CALW-5 1/2 L.S.								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
972433	1						9-27-10			6:00
974103	1									9:45
19833/2410	1						9-28-10			12:45
										1:45
										2:30
						MILES FROM STATION TO WELL	85			

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: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 P02	SK	75		900.00
CP 104	50/50 P02	SK	125		1,375.00
CC 102	CELL-FUMRE	lb	31		147.70
CC 109	CALCIUM CHLORIDE	lb	210		220.50
CC 113	CAL-SET	lb	125		468.75
CC 109	FLA-328	lb	104		780.00
CC 200	CEMENT GEL	lb	210		52.50
CC 301	GILSONITE	lb	1,000		670.00
CF 107	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1		400.00
CF 1251	AUTO FILL FLOAT SHADE, 5 1/2"	EA	1		360.00
CF 11651	TURBOURER, 5 1/2"	EA	8		880.00
C 704	CS-12 KCL SUBSTITUTE	GNL	4		140.00
CC 155	SUPER FLESH II	GNL	500		765.00

SUB TOTAL 205

CHEMICAL / ACID DATA:

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

TOTAL

SERVICE REPRESENTATIVE: [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO

Customer <u>Sam Gary Jiff</u>	Lease No.	Date <u>7-28-10</u>
Lease <u>Meyer-Schneider</u>	Well # <u>1-25</u>	
Field Order # <u>310</u>	Station <u>Pratt</u>	Casing <u>50 150</u>
Type Job <u>CNW-577 L.C.</u>	Depth <u>646</u>	County <u>Kearney</u>
	Formation	State <u>KS</u>
		Legal Description <u>2-11-16</u>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <u>K. H. ...</u>	Station Manager <u>...</u>	Treater <u>Steve ...</u>
--	----------------------------	--------------------------

Service Units	<u>07723</u>	<u>27463</u>	<u>17830</u>	<u>21010</u>					
Driver Names	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30am					(Date) ...
					Run 27 ...
					Continued ...
					Casing ...
					Rotate casing
1:07	300		20	5	PC L H2O
1:10	300		12	5	Super ...
1:11	300		3	5	H2O ...
1:15	250		7	5	Mit ...
1:20	200		34	5	Run ...
					Stop ...
					Rotate plug
1:27	0		0	6	Stop H2O ...
1:37	300		60	5	1.5 ...
1:40	500		75	4	Stop ...
2:15	1500		250	2.5	Hard plug ...
					Plug ...
					Sub ...
					Thanks, Steve



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

Well Name: MAIER-SCHNEIDER 1-25
Location: SEC 25. 16S-16W RUSH CO., KANSAS
License Number: API 15-165-21890-00-00
Spud Date: 7/15/10
Surface Coordinates: 150 FSL/1180 FEL
Region: WILDCAT
Drilling Completed: 7/27/10

Bottom Hole
Coordinates:
Ground Elevation (ft): 1966 K.B. Elevation (ft): 1974
Logged Interval (ft): 1650 To: 3650 Total Depth (ft): 3650
Formation: LANSING ARBUCKLE
Type of Drilling Fluid:

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

OPERATOR

Company: Samuel Gary Jr, & Assoc.
Address: 1515 WYNKOOP STE 700
Denver, Colo. 80202
Geo: MR Tom Fertal

GEOLOGIST

Name: JERRY DEAN
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Off. 888-543-8378 Cell: 316-706-1586

Dst #1

3223-3284 packer @ 3218' 3223' 61' ANCHOR
IH 1567 FIF 20 FFF 34 ISI 1153 SIF 39 SFF 69 FSI 1156
FH 1519
RECV 1550 GAS IN PIPE, 70'OCGM 40%GAS,30%OIL, 30%MD.
60'OCGM 30%GAS,30%OIL,40%MD
IO 15MN ISI 60MN FF 45MN FSI 150MN
BLOW, IF BOB 5MN, IS NO RET, FF BOB RGT AWAY, FS NO

DST#2

3310'-3335' PACKER 3305' & 3310' 25' ANCHOR
IH 1605, FIF 19, FFF 24, ISI 1043, SIF 28, SFF 38, FSI 1017. FH1569'
744' GAS IN PIPE 70' OCGM 10% GAS 30% OIL 50% MUD
BLOW: IF BOB 10MN, IS NO RETURN, FF BOB RGT AWAY FS NO



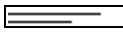

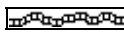



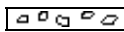



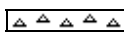



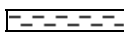
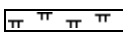


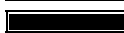




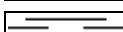



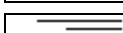

DST#3

DST#3 3341-3355' PACKER 3336-3341' 14' ANCHOR
IHP 1629, FIF 15, FFF 17, ISP 1140, SIF 18, SFF 18, FSP 119 FHP 1592 10' MUD SKIM W/OIL IF: WEAL SUR
BLOW,
ISI: NO BLOW, FF: NO BLOW, FSI: NO BLOW.

COMMENTS

START SHORT TRIP FOR TO SURF CASING 1:25AM 3262'
CTCH 1.5HRS
COME OUT HOLE FOR DST 3284 AT 9:30PM FOR DST 1, BACK TO DRIL 11:00AM 7/25/10.
START OUT OF HOLE DST 2 AT 3:00PM BACK TO DRILLING 3:15AM 7/26/10
DST #3 OUT HOLE 6:00AM BACK TO DRILLING 4:25PM 7/26/10

ROCK TYPES

	Anhy		Gyp		Shgy		Sandylms
	Bent		Igne		Sltst		Shale
	Brec		Lmst		Ss		Sltstn
	Cht		Meta		Till		Shlyslts
	Clyst		Mrlst		Carb sh		Sltlysh
	Coal		Salt		Dol		Lms
	Congl		Shale		Dtd		
	Dol		Shcol		Gry sh		

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
- Sity

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
- Gryslt
- 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

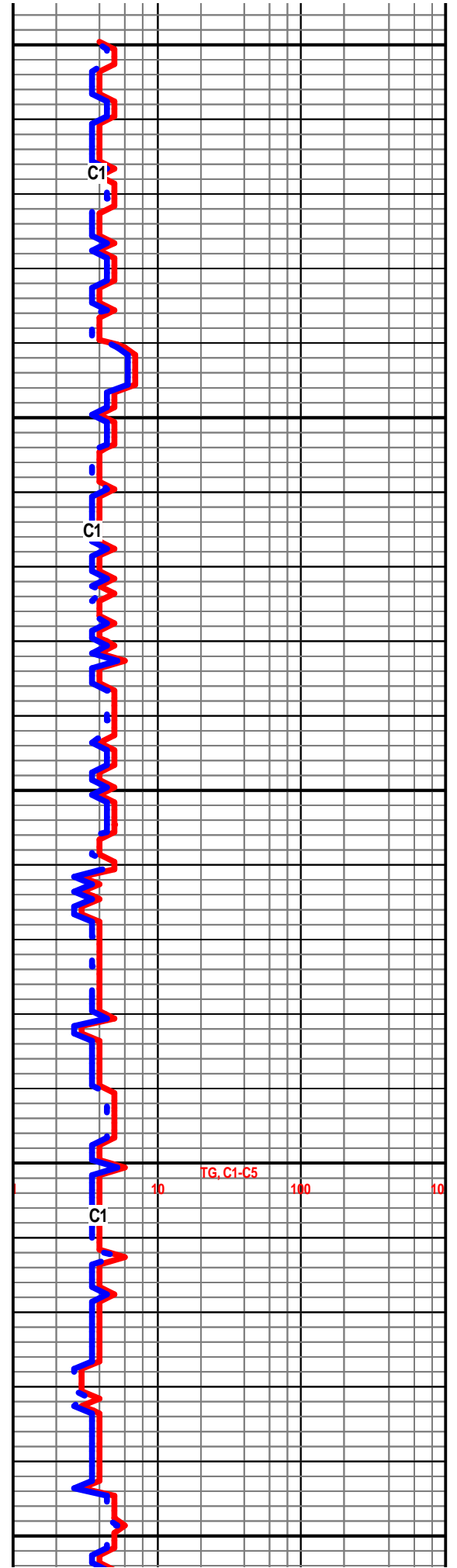
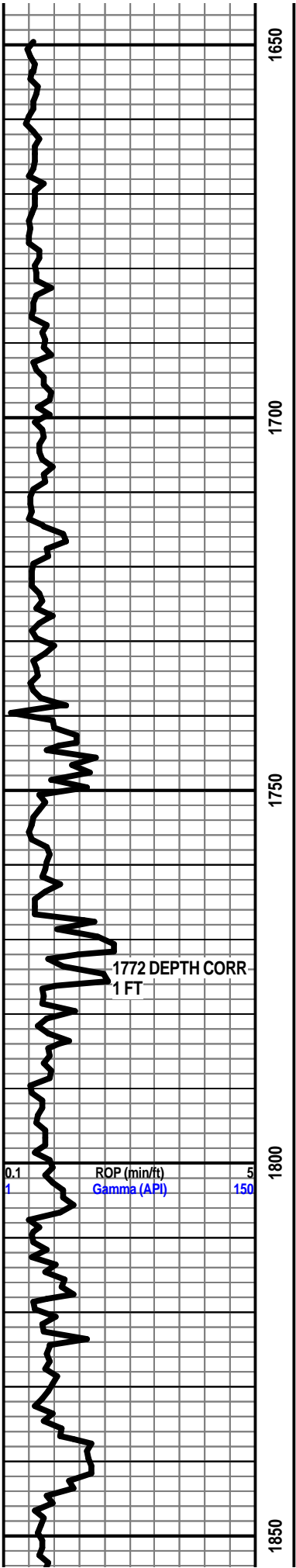
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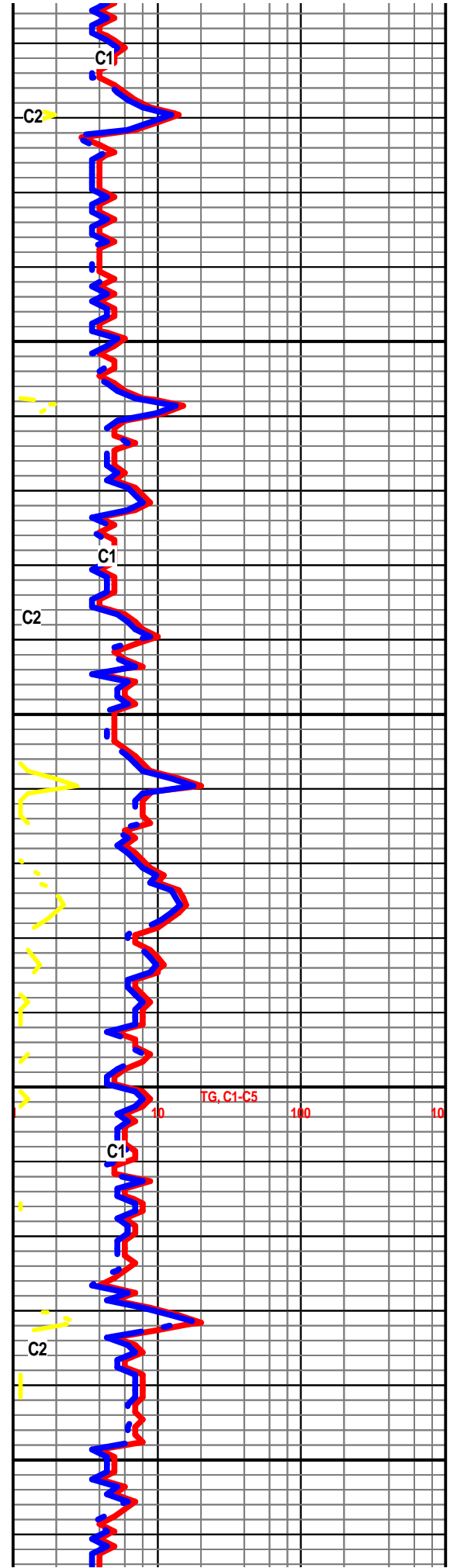
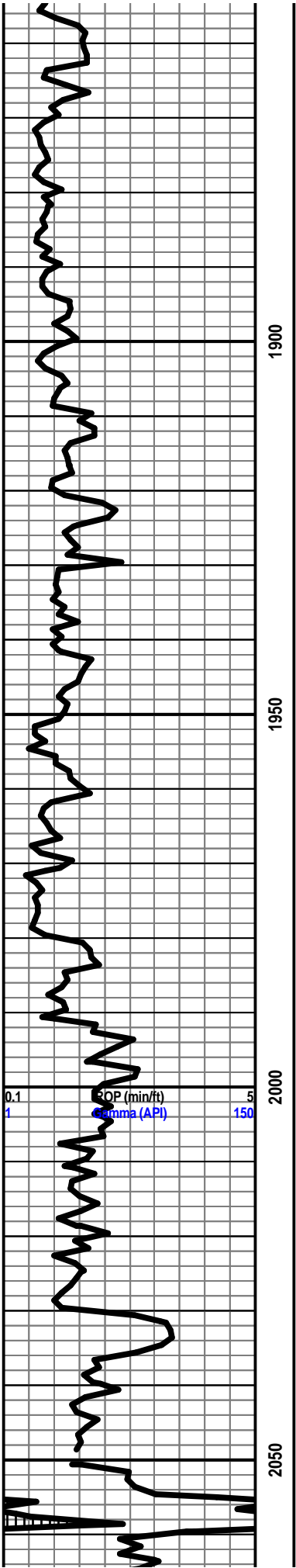
- Core
- Dst
- Dst

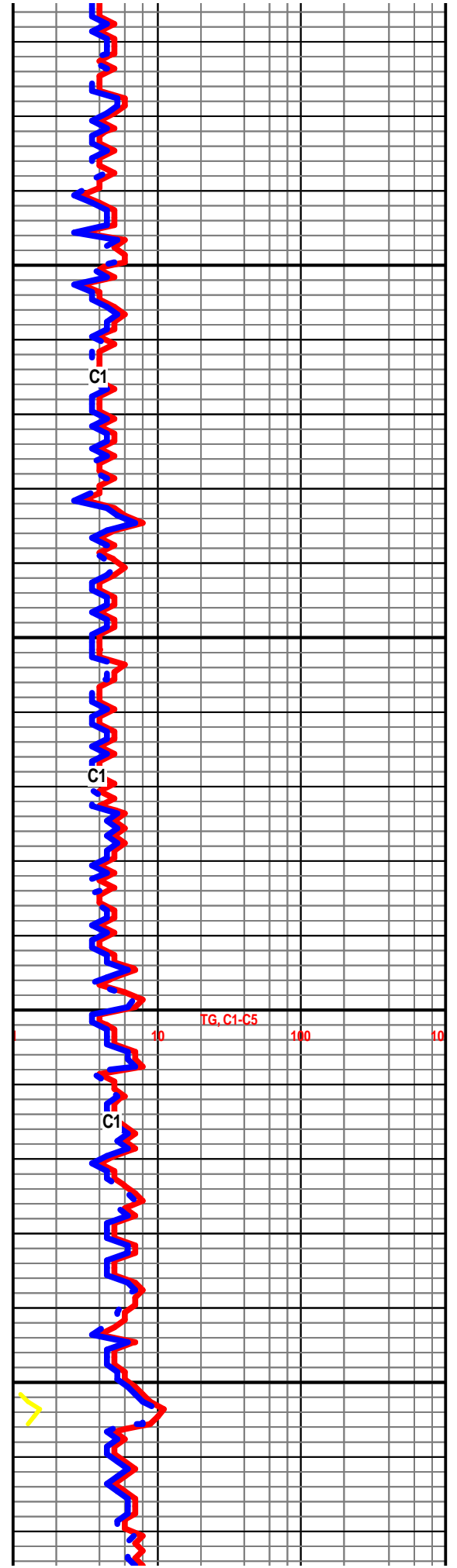
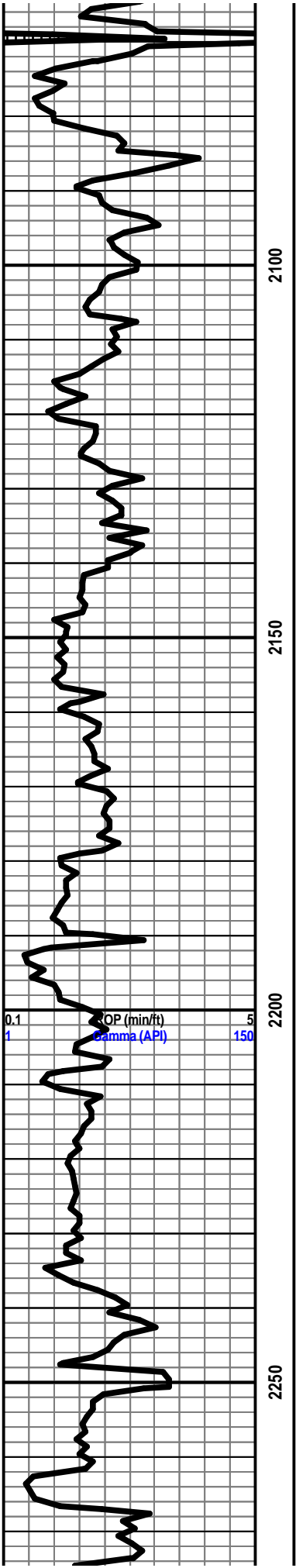
EVENTS

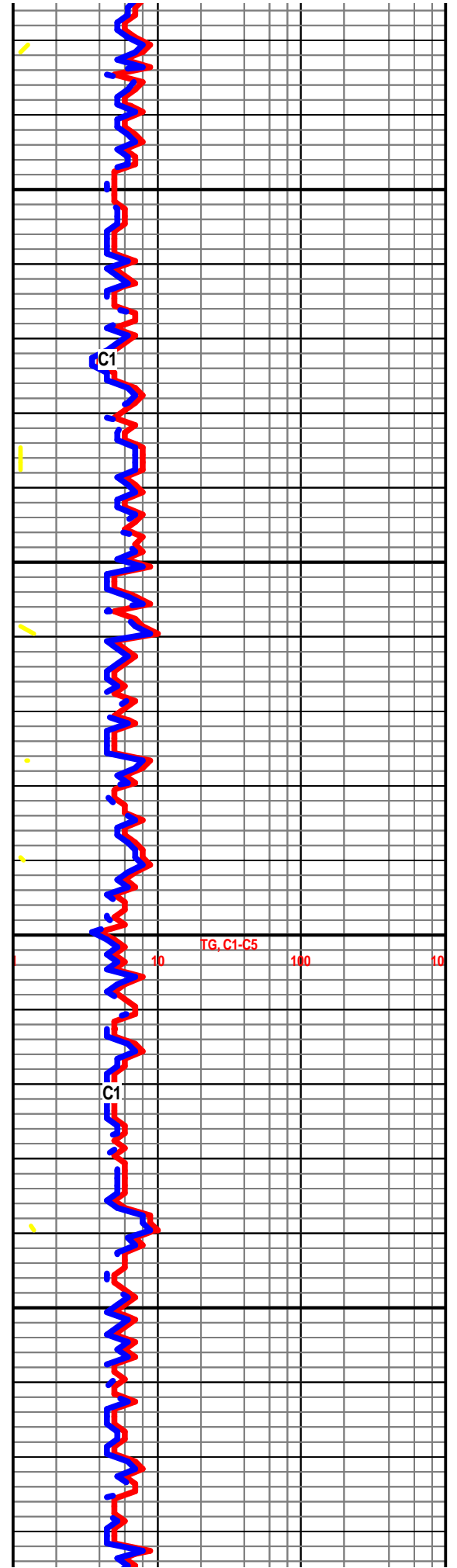
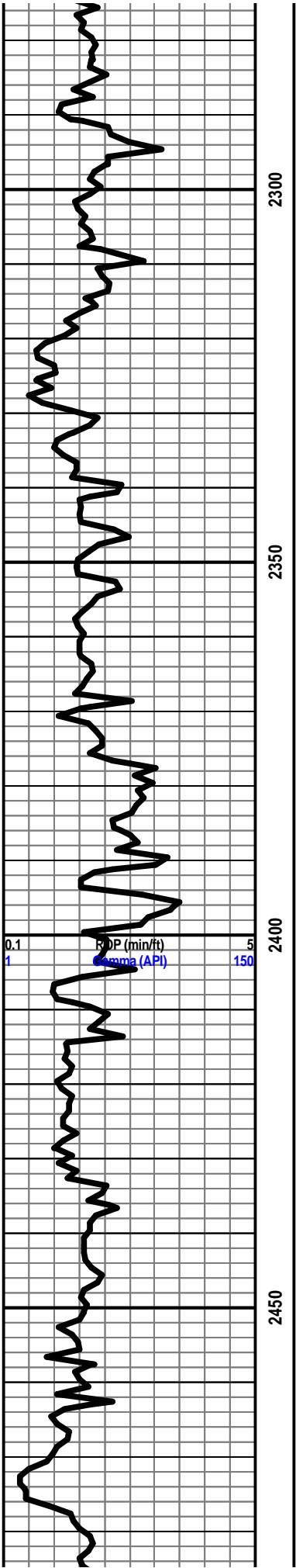
- Rft
- Sidewall

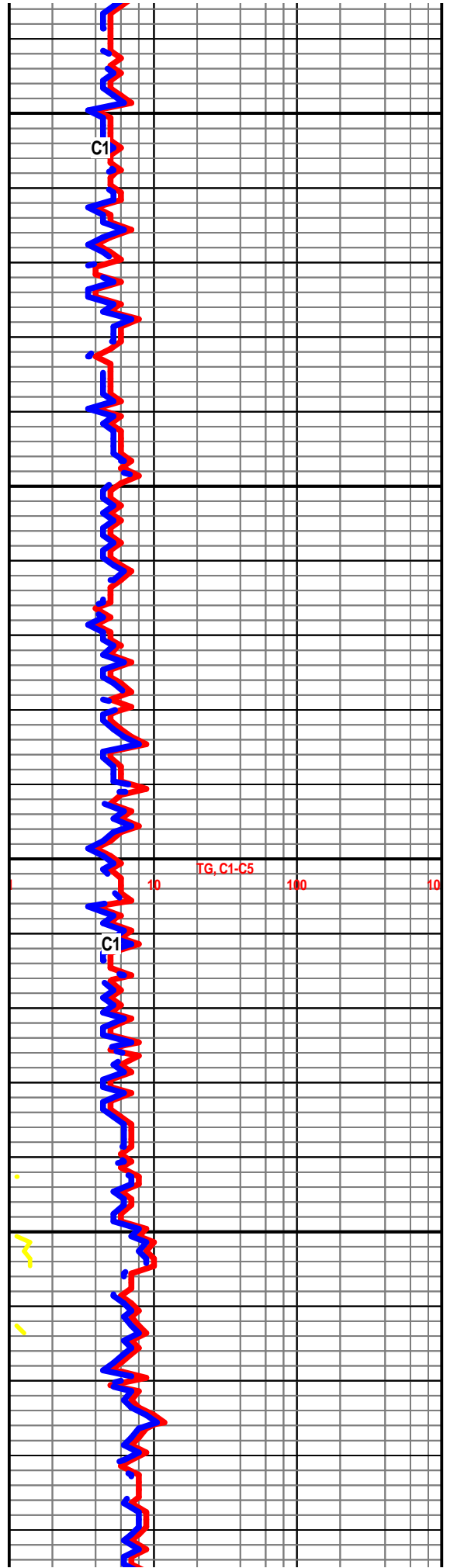
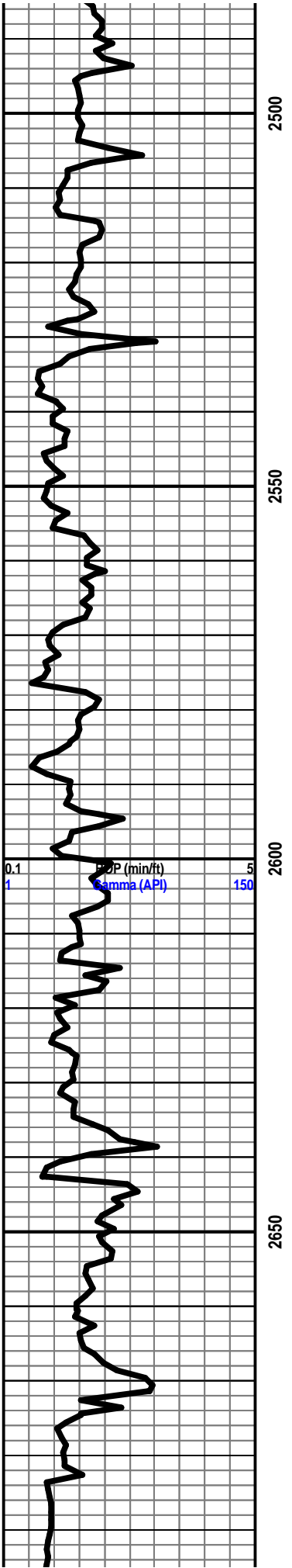
Curve Track 1		Depth	Lithology	Oil Shows	Geological Descriptions	TG, C1-C5													
ROP (min/ft)	Gamma (API)					TG (units)	C1 (units)	C2 (units)	C3 (units)	C4 (units)	C5 (units)								
0.1	1	5	16			10	100	10											
DISCOVERY DRILLING #2						DISCOVERY DRILLING #2													









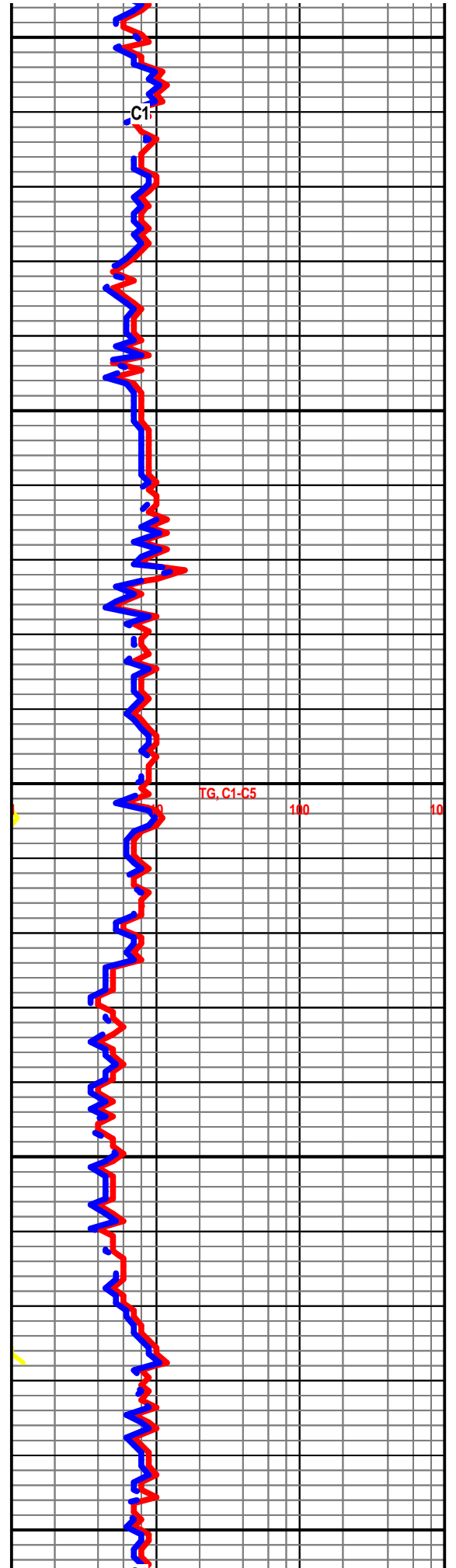
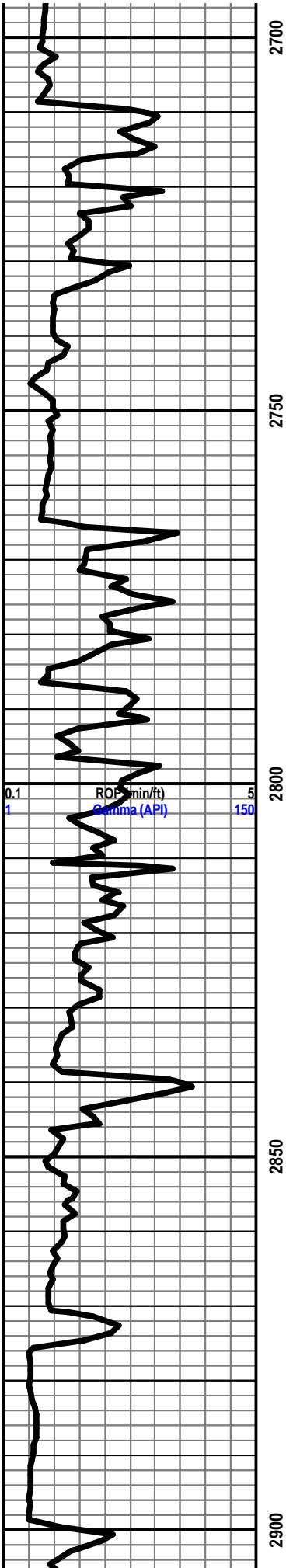


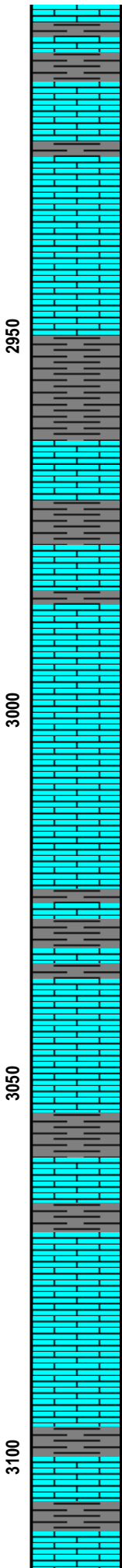
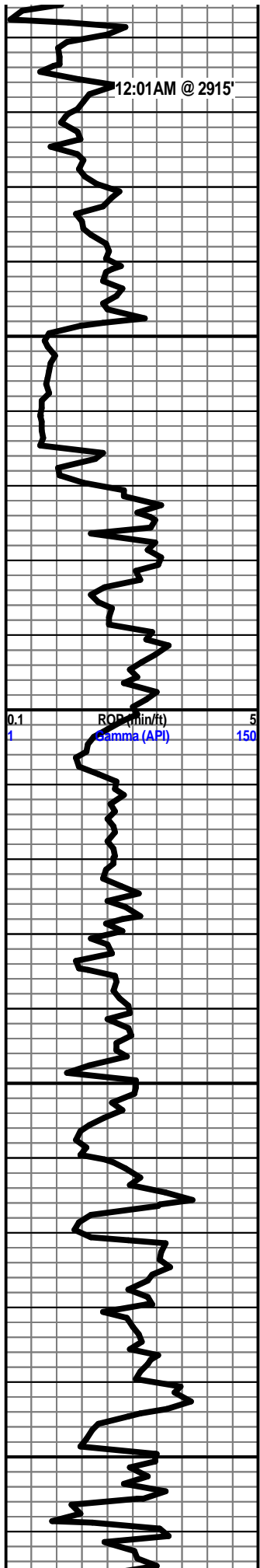
BASE ROOT SHALE 2709' -735'

START 24 HR MANNED UNIT
7/23/2010 BY JERRY DEAN
10:45pm

HOWARD 2899' -925'

I S- 80% GRY I T GRY DK TN HD DN TT





CRYPTO XLN MTX NO FLO NO VIS POR NO VIS SHOW 10% SS FRSTY GY TO CLR FN TO V/ FN GN S. RND S. ANG CALC CMNTT NO VIS FLOU NO VIS SHOW

SH- DK GRY TO GRY HD SMOOTH BRITT SPLNTY LMY

LS-OFF WH LT TN LT GY CAM MOTT I.P. HD BRITT TO HD DNS TO MD HD SUB CHLKY AMBT IMBD FOSS FRG IN SUB CHLKY LS , SME IMBD SH SPRKS TT DUL YEL FLOU NO VIS CUT OR SHOW

SH- GRY LT GRY FRM BLKY SMOOTH TO MD TXT ABDT LMY TO TR SLTY I.P.

TOPEKA 2964' -990'

LS- TN LT TN LTGRY BUFF MOTT MD BRITT TO HD DNS F-XLN TO MD HD SUB CHLKY TR IMBD FOSS TR IMBD MD XLS TT DUL YEL MN FLOU NO VIS SHOW

LS-OFF WH LT TN BUFF TO LT GY GY HD DNS F-XLN TO TR SUCRO IN DKER LS,HD BRITT REXLN LS IN LT COLOR LS TR PHANTOM OOL TR INT XLN PORO YEL MIN FLOU VIS CUT OR SHOW

LS- TN LT TN GRY MOTT MD HD TO HD DNS FN XLN MTX IMBD FOSS IP NO FLO NO VIS POR NO VIS SHOW

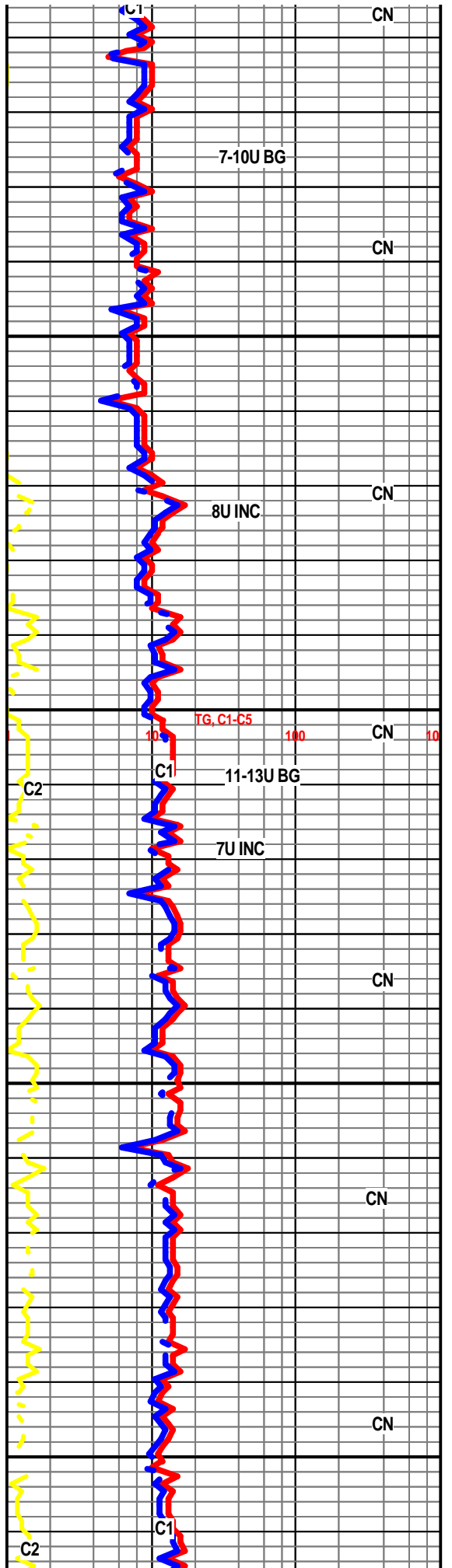
SH- GY DK GY FRM TO SFT BLKY MD TO F-TXT

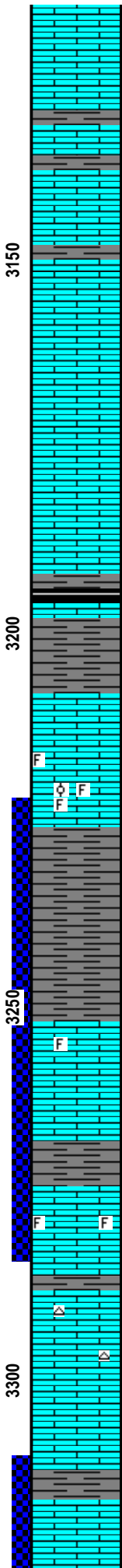
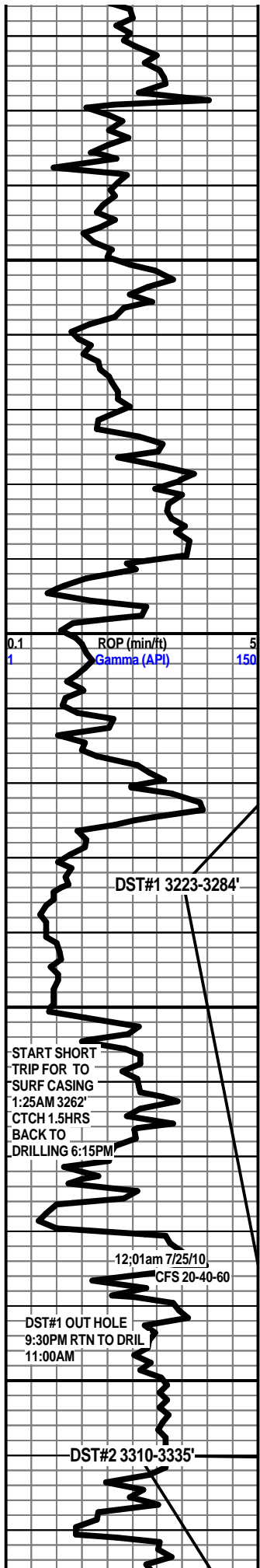
LS-LT TN CRM BUFF OFF WH HD DNSF-XLN TO CRYTO XLN TO MD HD SUB CHLKY TRS IMBD FOSS FRG TRS OF PACK STN IN SUB CHLKY LS BRT YEL FLOU IN HD LS, NO VIS CUT OR SHOW

LE COMPTON 3071' -1097'

LS-TN LT TN OFF WH BUFF HD DNS F-XLN TO MD HD SUB CHLKY TO V/ CHLKY I.P. OOL TO PHANTOM OOL W/ IMBD FOSS FRG INHD LS, IMBD SH SPRKS IN SUB CHLKY SPLS YEL FLOU NO VIS CUT

SH- GY DK GY FRM TO SFT BLKY MD TO F-TXT





LS- LT TN TN BUFF CRM TO GY LT GY MOTT I.P. HD DNS TO HD BRITT RE-XLN MTX TO F-XLN TR IMBD MD XLS IMBD FOSS FRG TR IMBD SH SPRKS, PACK STN IN LT COLOR LS. 20% FR INT XLN PORO YEL MIN FLOU IN 25% OF SPLS NO VIS CUT NO VIS SHOW

LS-CRM TN LT TN OFF WH BUFF HD DNS F-XLN TO CYPTO XLN TT, TO MD SUB CHLKY TO CHLKY TR IMBD FOSS FRG PACK STN TRS DUL YEL MIN FLOW NO VIS SHOW

LS-CRM TN LT TN OFF WH BUFF HD DNS F-XLN TO CYPTO XLN TT, TO MD SUB CHLKY TO CHLKY TR IMBD SH SPRKS PACK STN TRS DUL YEL MIN FLOW NO VIS SHOW

BASE OF HEEBNER 3196'-1222'

LS- LT TN CRM BUFF OFF WHT HD FRM BRITT FN TO TR MD XLN MTX RE-XLN MTX IP IMBD CALC XLS TR IMBD FOSS FGR IPTO TR SUB-CHLKY, HD BRIT IS OOL TO TR OOLIMOL.TR VUGGY SME IMBD MD XLS SPOTTY OILSTN20% SPSL, GD INT OOL PORO TR INT XLN PORO 20%, BRT GLD FLOU 30% SPLS GD BLUE STMY CUT IN 10% SPLS.GD FLSH RING CUT

DOULGAS 3225' -1251'

SH- GY DK GY FRM TO SFT SLTY CALC TO SLTY CALC

LANSING 3252'-1278'

LS- OFF WH WH LT TN CRM BUFF HD BRITT REXLN MTXFN TO MD XLN IMBD QTZ CALC XLS IMBD FOSS FRG TR OF OOLIMOL BRT GOLD FLOU GD INT XLN PORO FR PP PORO SPOTTY OIL STN OF SPLS,TR OF SFT W/ CHLK SPLS EXC BLUE STM CUT OUT OF SPLSGD FLUSH RING CUT OF SPLS, NO ORDER FR TO GD SHOW

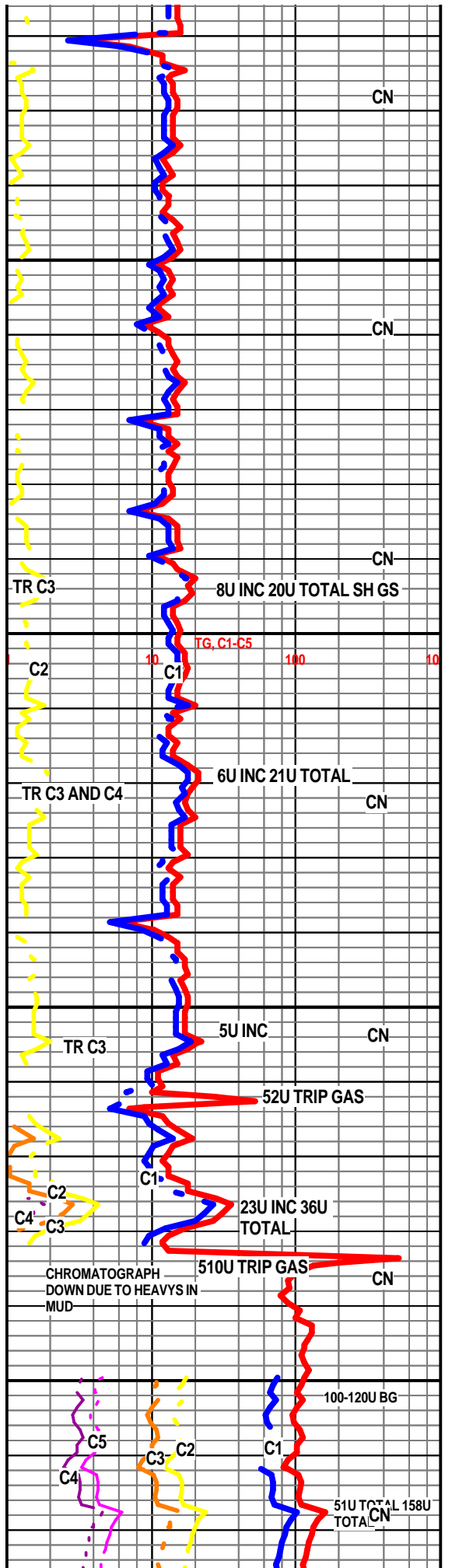
LANS C 3274'-1300

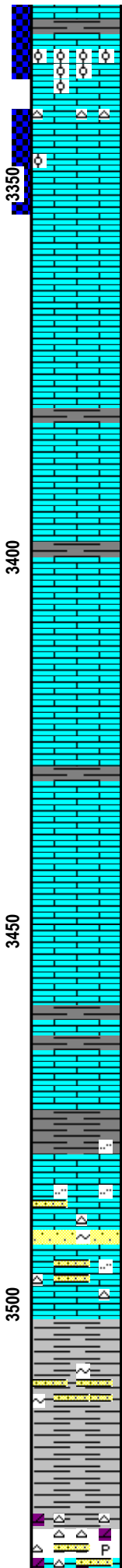
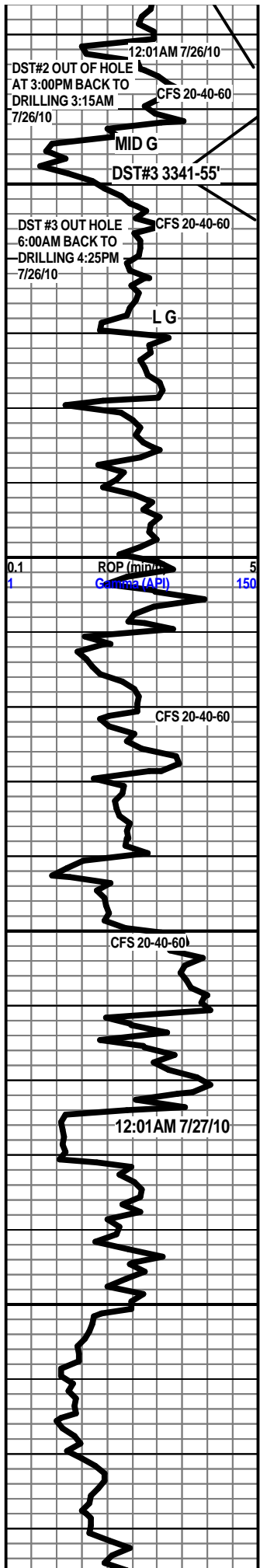
LS- OFF WH LT TN CRM BUFF HD BRITT RE-XLN MTX FN TO MD CALC XLN IMBD W/ ABDT OOL TR OOLIMOL V/ FOSS DUL YEL TO BRT YEL FLOU FAINT OIL ORDER GD INT OOL PORO V/ GD SCAT PP PORO SCAT OIL STN TR OF SFT WH CHLK . SPLS W/ OIL SHOW . BRT BLUE STM CUT, GLDFLUSH RING CUT. GD SHOW IN SPLS OIL LEACH IN DISH

LS- LT TN CRM TN LT GY OFF WH HD DNS F-XLN TO V/FN XLN TT TRS OF IMBD FOSS FRG AND OOL TO SUB CHLKY I.P. DUL YEL FLOU. NO CUT W/ TR OF CHRT FSRTY WH TO CLR TRNSLU HD SMTH NO VIS SHOW

LANS F 3317'-1343'

LS- TN LT TN CRM BUFF HD BRITT TO MD HD SUB CHLKY TO SFT WH CHLK I.P. TR IMBD FOSS FRG TR FN WH XLN IMBD FR INT XLN PORO YEL FLOU NO VIS CUT NO ORDER NO VIS SHOW





LANS G 3331' -1357'

LS- LT TN TN CRM BUFF HD BRITT RE-XLN V/OOLW P.P. PORO INT OOL PORO TRMD OOL SIZE OOLIMOLIC IMBD FOSS FRG TR WH SFT CHLK, LIVE OIL, OOL BALLS SAT W/OIL, IN THE INT OOL. BRT GLD FLOU GD BLUE STM CUT FAINT ORDER. GD OIL SHOW

LS-OFF WH WH CRM BUFF HD BRITT RE-XLN I.P. V/OOLIMOLIC TO TR / OOL I.P. TO MD XLN CALC QTZ IMBD IN V/ REXLN LS. MOSTLY OOLIMOLIC. SME VUGGY PORO LAST SAMPLE, TR OF SFT WH CHLK W/ GD INT XLN PORO I.P. FAINT ORDER. BRT YEL TO GOLD FLOU. SLOW STM CUT OUT MD XLN LS FR STM CUT OUT OF OOLIMOLIC LS LIVE OIL PRED IN RE-XLN LS AND VUGGY PORO

LS- OFF WH LT TN CRM HD DNS F-XLN TO V/ FN XLN TO MD HD SUB CHLKY TO SI RE-XLN I.P. PAC STN TT NO VIS PORO YEL MIN FLOU NO VIS CUT OR SHOW.

LS- LT TN CRM OFF WH WH BUFF MD HD SUB CHLKY TO VCHLKY I.P. HD DNS TO HD BRITT SLI RE-XLN W SME OOLIMOLIC TR OF OOL I.P. TR IMBD FOSS FRG FR INT OOL PORO TO TT BRT YEL FLOU FR STM AND FL SH CUT IN OOLIMOLIC SPLS BLUE STM CUT OUT OF CHLKY LS.

LS- WH CRM LT TN TO BRN FRM STN HD BRITT RE-XLN TO HD DNS I.P. MD XLN CLR TO FRSTY CALC XLS TO MICRO OOL W/ TRS OF VUGS V/ GD INT XLN POROV/ GD INT OOL PORO IN MICRO OOL GD VUG PORO BRN TO BRK BRN ALMOST BLK STN. OIL STN V/ THICK I.P. BRT GOLD TO YEL GRN FLOU EXC SLOW STREAMY CUT W/ OIL LEACH LEFT IN SPLS STRNG ORDER

LS- OF WH LT TN CRM LT GY BUFF HD DNS CYRTO XLN TO F-XLN TO HD BRITT RE-XLN MD CALC XLS TO OOL FR TO PR INT XLN AND INT OOL PORO TO SUB CHLKY AND ABDTLY TT, YEL TO GOLD FLOU TR FLUSH TO SLT RING CUT IN RE-XLN SPLS NO ORDER FAIR SHOW

LS- OFF WH LT TN TN, BRN FRM STN HD BRITT ABDT OOLIMOLIC RE-XLN MDE XLN W/ OOL AND IMBD FOSS FRG FN TO MD XLN XLS OOLIMOLIC PORO TO TR INT XLN PORO YEL TO GLD FLOU FR TO GD STM AND FL SH CUT

LS- OFF WH LT TN CRM HD DNS F-XLN TO V/ FN XLN TO MD HD SUB CHLKY TO SI RE-XLN I.P. PAC STN TT NO VIS PORO YEL MIN FLOU NO VIS CUT OR SHOW.

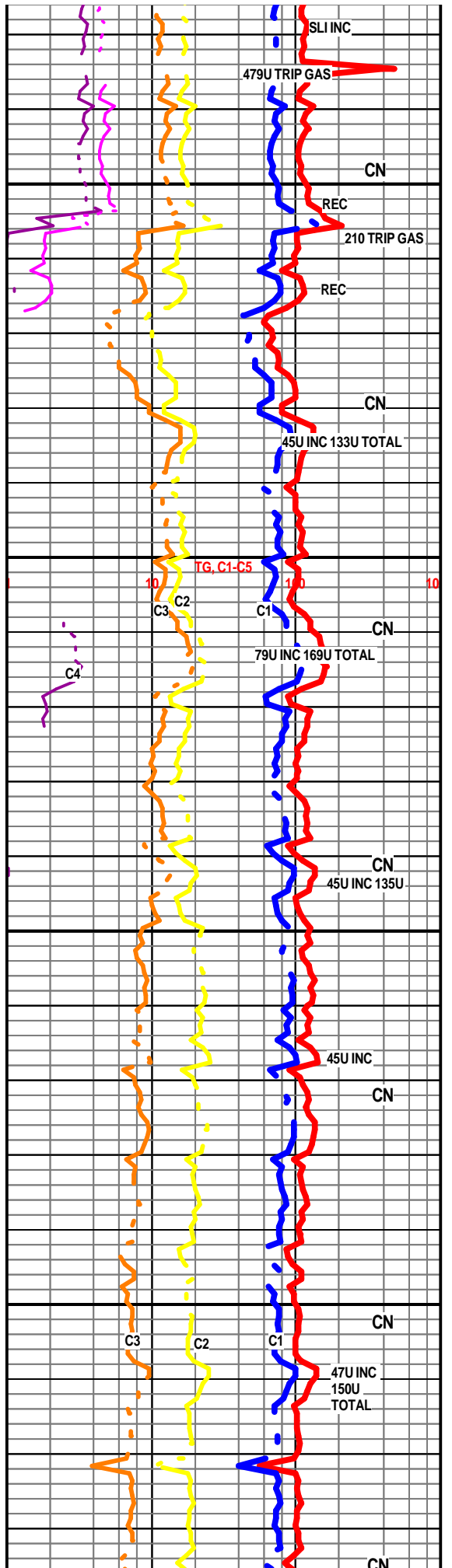
SH- GY DK GY FRM TO SFT MD TO SLTY TXT CALC TO SLI CALC

Is- cong LT TN TO BUFF WITH IMBD SUB-ANG QRTZ XLS SMALL TO MD IP SUB-ANG TO SUB-RND SS GRNS TR GLAC TR IMBD SH IP THREE CLUSTERS VRY SMALL SUB-RND TO RND SS GRNS CLEARLY TO LT GRY FAIR SORT WITH SILICIOUS CMNT TR OIL STAIN IN PART ONLY TR SCATT DULL YLW FLO POOR FLUSH CUT TO VERY POOR SPURTY STREAMING CUT POSS TT POOR INTERGRAN TO TR POOR INTERXLN POR

SS- PALE GRN TO FRSTY YELLOW TO CLR FN TO V/ FN GN S. ANG S. RND RND CALC CMNT PR SRT FR INT GN PORO GLAUC I.P. TR OF DIED OIL STN DULL YEL FLOU FR FLUSH CUT

SH- RED TO MARN SFT GUMMY TO GY SLTY I.P.

CHRT- OFF WH LT GY LT TN HD SMTH OPEC NO V/ SHOW W/ DOLO OFF WH LT TN HD DNS TO HD BRITT F-XLN TO CRPTO XLN TT YEL MN FLOU NO VIS SHOW IN SPLS



ARBUCKLE 3535'-1561'

DOLO- OFF WH WH CRM HD DNS TO HD BRITT CRS
 SUCRO W/ ABDT FN TO LG DOLO GRNS THRU OUT
 RE-XLN I.P. MD XLS TR OF PRYT GD TO V/ GD INT GRN
 DOLO PORO SCAT MICRO VUG PORO BRT YEL GLOD
 FLOU SPOTTED LIVE OIL IN INT GNS,V/ GD STM AND
 FLSH CUT OIL LEACH IN DISH 30% DOLO IN SPLS

DOLO- OFF WH WH CRM HD DNS TO HD BRITT CRS
 SUCRO W/ ABDT FN TO LG DOLO GRNS THRU OUT
 RE-XLN I.P. MD XLS TR OF PRYT GD TO V/ GD INT GRN
 DOLO PORO SCAT MICRO VUG PORO BRT YEL GLOD
 FLOU SPOTTED LIVE OIL IN INT GNS,V/ GD STM AND
 FLSH CUT OIL LEACH IN DISH 70% DOLO IN SPLS

DOLO- WH TO BRT WH TO LT TN CRM I.P HD DNS TO HD
 BRITT TO MHD CRS SUCROMTRX ABDT MD TO SMALL
 IMBD DOLO GNS THRU OUT. TR OF MICO OOL I.P. GD INT
 DOLO GN PORO SCAT GLD FLOU TR OF STM IN VERY
 FEW SPLS TR OF WH OPEC HD SMTH CHRT IN SPLS

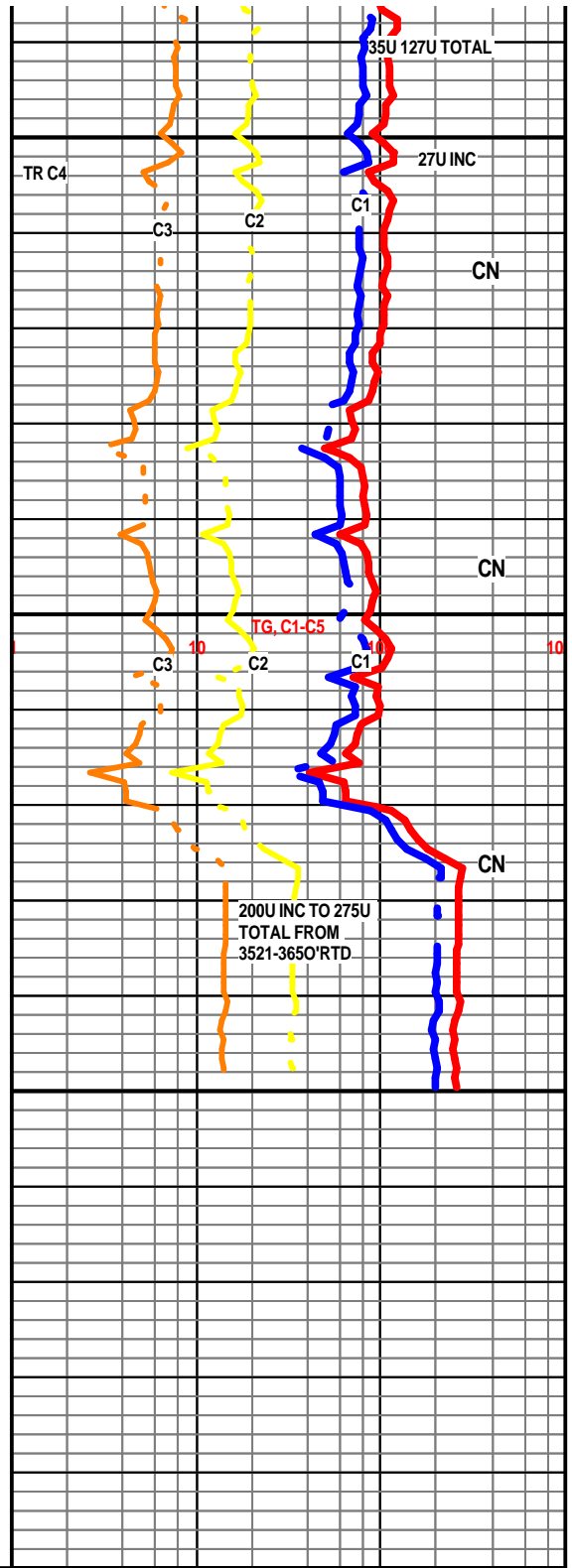
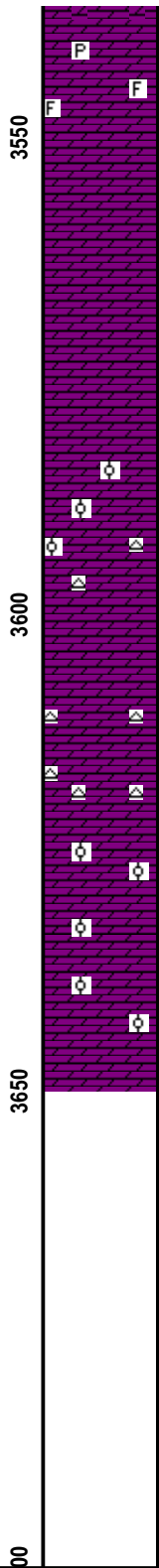
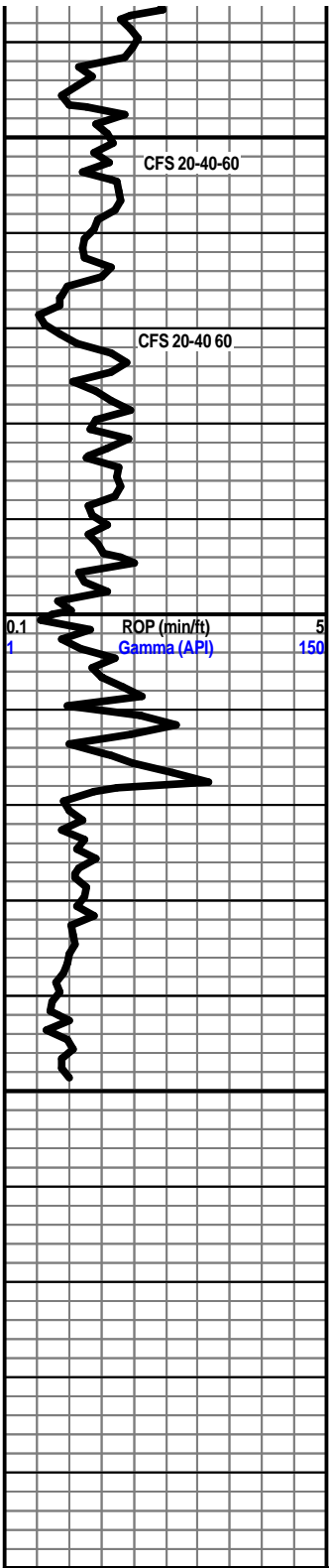
DOLO- WH TO BRT WH TO LT TN CRM I.P HD DNS TO HD
 BRITT TO MHD CRS SUCROMTRX ABDT MD TO SMALL
 IMBD DOLO GNS THRU OUT. TR OF MICO OOL I.P. GD INT
 DOLO GN PORO SCAT GLD FLOU TR OF FLUSH CUT IN
 SPLS W/ CHRT WH FRSTY WH HD SMTH OPEC TT NO
 SHOWS

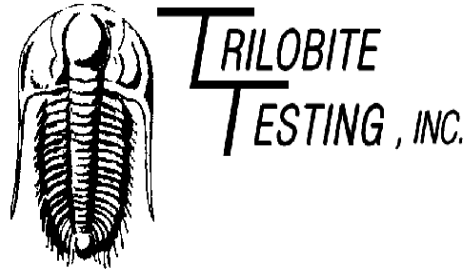
DOLO- OFF WH WH CRM HD BRITT TO CRS SUCRO TO
 OOLIMOLIC LG TO FN DOLO GNIMBD THRU OUT TR FOSS
 FRG, TR KALO OOLIMOLIC PORO TO INT DOLO GN PORO
 TO TR INT OOL PORO BRT YEL FLOU FR STM CUT FR
 FLSH CUT FR SHOW IN SPLS

DOLO- OFF WH WH CRM HD BRITT TO CRS SUCRO TO
 OOLIMOLIC LG TO FN DOLO GNIMBD THRU OUT TR
 KALO OOLIMOLIC PORO TO INT DOLO GN PORO TO TR
 INT OOL PORO BRT YEL FLOU FR STM CUT FR FLSH
 CUT FR SHOW IN SPLS

RTD 3650' 8:45AM 7/27/10

LOG BY JERRY DEAN THANK
 YOU FOR USING
 EARTH-TECH





DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr & Assoc. inc**

1515 Wynkoop, ste 700
Denver Co. 80202

ATTN: Tom Fertal

25-16s-16w Rush co.

Maier-Schneider #1-25

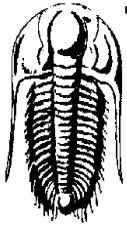
Start Date: 2010.07.24 @ 22:30:01

End Date: 2010.07.25 @ 06:35:30

Job Ticket #: 039891 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 Jr & Assoc. inc
 1515 Wynkoop, ste 700
 Denver Co. 80202
 ATTN: Tom Fertal

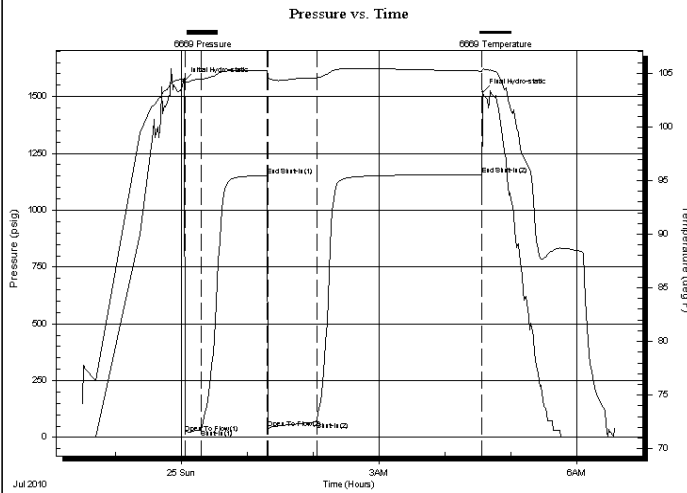
Maier-Schneider #1-25
25-16s-16w Rush co.
 Job Ticket: 039891 **DST#: 1**
 Test Start: 2010.07.24 @ 22:30:01

GENERAL INFORMATION:

Formation: **LKC-A-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:03:00
 Time Test Ended: 06:35:30
 Test Type: Conventional Bottom Hole
 Tester: Andy Carreira
 Unit No: 53
 Interval: **3223.00 ft (KB) To 3284.00 ft (KB) (TVD)**
 Total Depth: 3284.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1974.00 ft (KB)
 1966.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6669 **Outside**
 Press@RunDepth: 69.19 psig @ 3228.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.07.24 End Date: 2010.07.25 Last Calib.: 2010.07.25
 Start Time: 22:30:01 End Time: 06:35:30 Time On Btm: 2010.07.25 @ 00:02:15
 Time Off Btm: 2010.07.25 @ 04:34:30

TEST COMMENT: IF: BOB, 5min.
 IS: No Return
 FF: BOB, right away
 IS: No Return



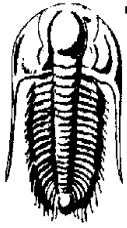
PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1567.06	104.48	Initial Hydro-static
1	20.02	104.14	Open To Flow (1)
16	34.23	104.44	Shut-In(1)
76	1153.17	105.24	End Shut-In(1)
77	39.32	104.69	Open To Flow (2)
121	69.19	104.56	Shut-In(2)
271	1156.63	105.20	End Shut-In(2)
273	1519.43	105.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCGM g=30% o=30% m=40%	0.84
70.00	OCGM g=40% o=30% m=30%	0.98
0.00	1550ft = GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr & Assoc. inc
 1515 Wynkoop, ste 700
 Denver Co. 80202
 ATTN: Tom Fertal

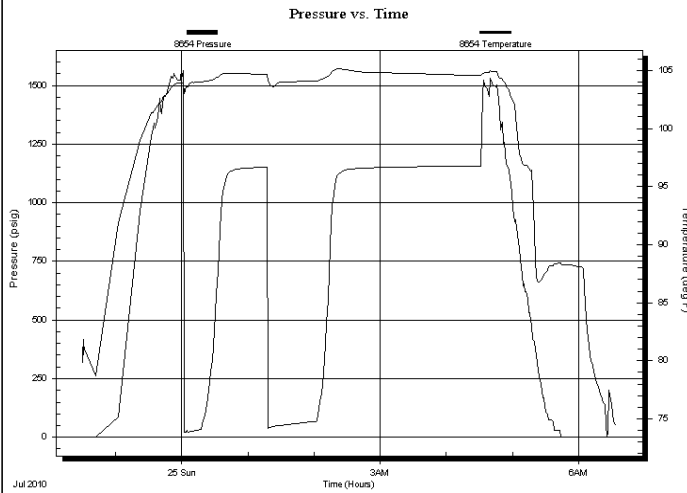
Maier-Schneider #1-25
25-16s-16w Rush co.
 Job Ticket: 039891 **DST#: 1**
 Test Start: 2010.07.24 @ 22:30:01

GENERAL INFORMATION:

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 Total Depth: 3284.00 ft (KB) (TVD)
 Reference Elevations: 1974.00 ft (KB)
 1966.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 8654 Inside
 Press@RunDepth: psig @ 3228.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.07.24 End Date: 2010.07.25 Last Calib.: 2010.07.25
 Start Time: 22:30:01 End Time: 06:34:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB, 5min.
 IS: No Return
 FF: BOB, right away
 IS: No Return



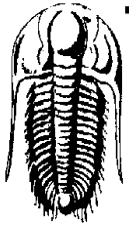
PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCGM g=30% o=30% m=40%	0.84
70.00	OCGM g=40% o=30% m=30%	0.98
0.00	1550ft = GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr & Assoc. inc

Maier-Schneider #1-25

1515 Wynkoop, ste 700
Denver Co. 80202

25-16s-16w Rush co.

Job Ticket: 039891

DST#: 1

ATTN: Tom Fertal

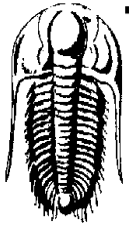
Test Start: 2010.07.24 @ 22:30:01

Tool Information

Drill Pipe:	Length: 3220.00 ft	Diameter: 3.80 inches	Volume: 45.17 bbl	Tool Weight: 3500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 54000.00 lb
			<u>Total Volume: 45.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3223.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	89.00 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			3196.00	
Shut In Tool	5.00			3201.00	
Hydraulic tool	5.00			3206.00	
Jars	5.00			3211.00	
Safety Joint	3.00			3214.00	
Packer	5.00			3219.00	28.00 Bottom Of Top Packer
Packer	4.00			3223.00	
Stubb	1.00			3224.00	
Perforations	3.00			3227.00	
Change Over Sub	1.00			3228.00	
Recorder	0.00	8654	Inside	3228.00	
Recorder	0.00	6669	Outside	3228.00	
Drill Pipe	32.00			3260.00	
Change Over Sub	1.00			3261.00	
Perforations	20.00			3281.00	
Bullnose	3.00			3284.00	61.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr & Assoc. inc

Maier-Schneider #1-25

1515 Wynkoop, ste 700
Denver Co. 80202

25-16s-16w Rush co.

Job Ticket: 039891

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.07.24 @ 22:30:01

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCGM g=30% o=30% m=40%	0.842
70.00	OCGM g=40% o=30% m=30%	0.982
0.00	1550ft = GIP	0.000

Total Length: 130.00 ft Total Volume: 1.824 bbl

Num Fluid Samples: 0

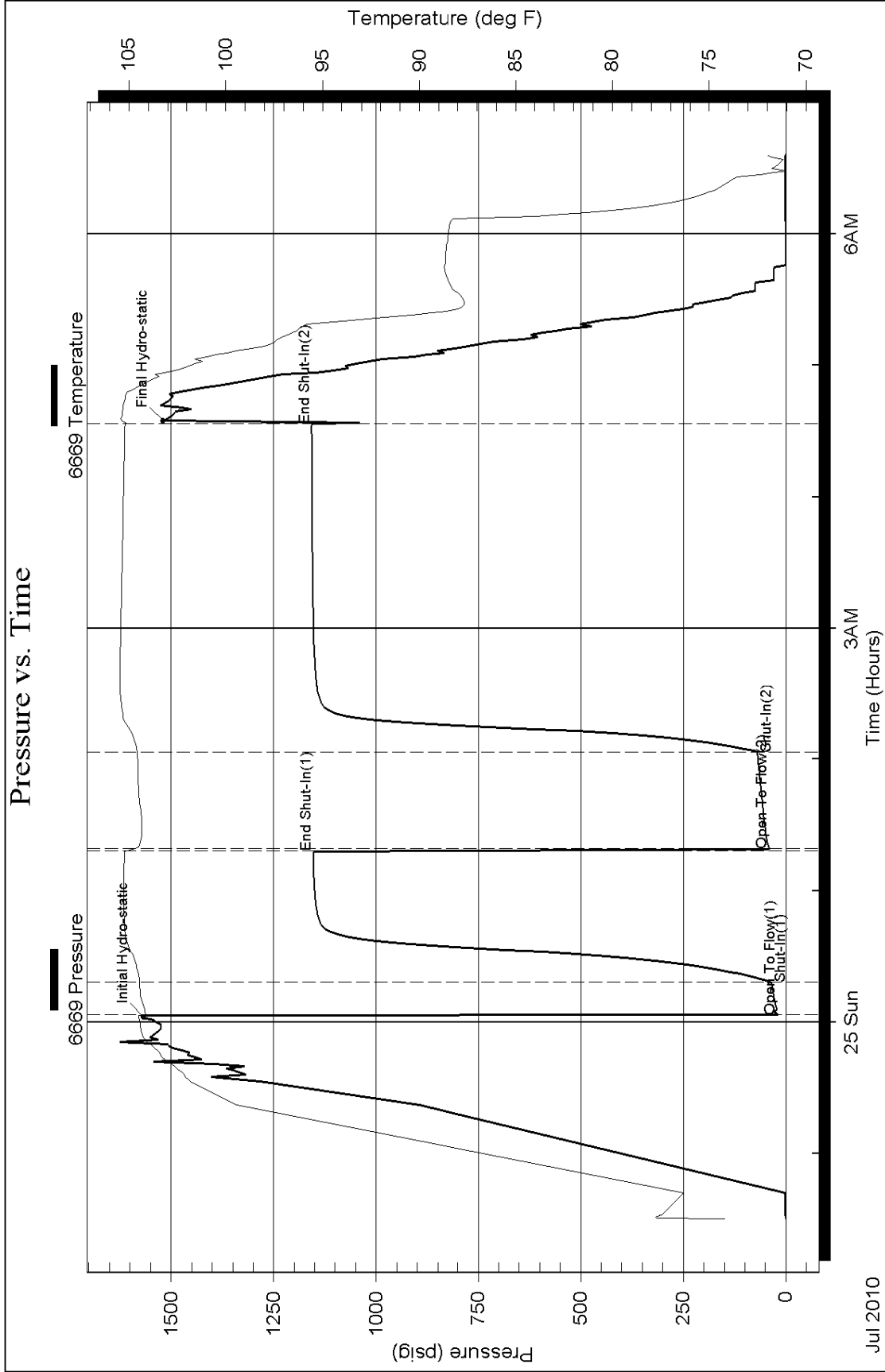
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



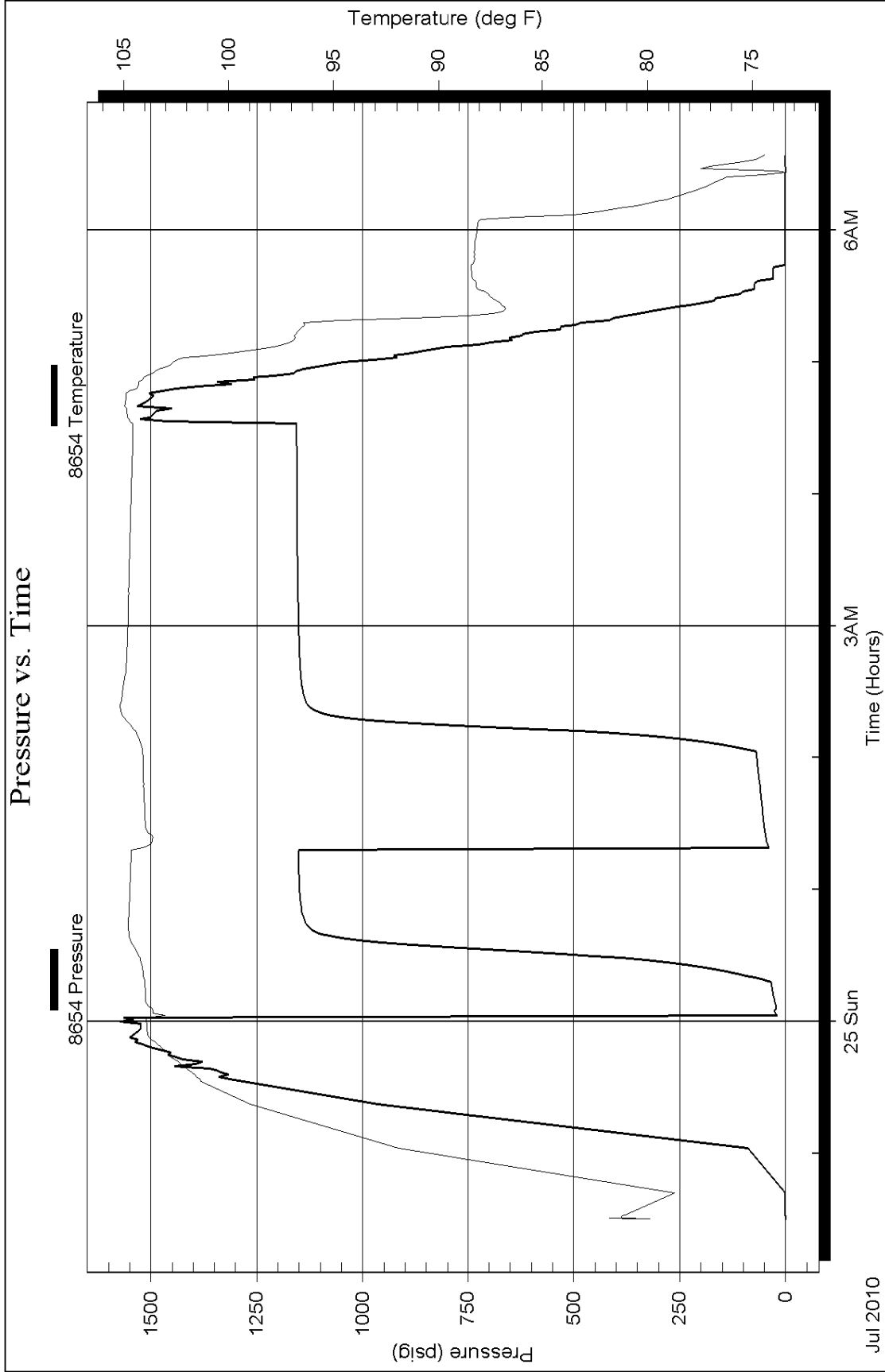
Serial #: 8654

Inside

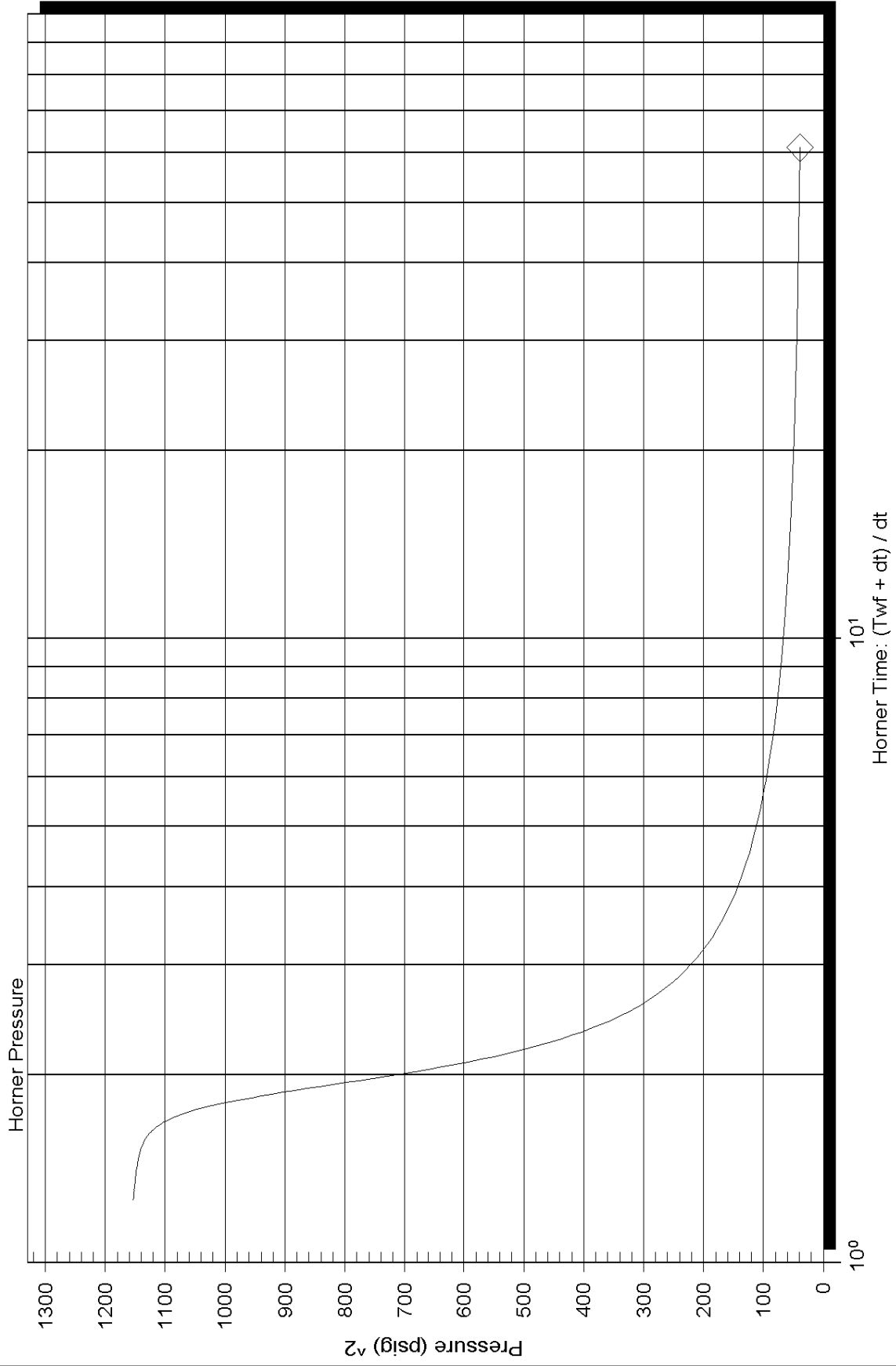
Sam Gary Jr & Assoc. inc

25-16s-16w Rush co.

DST Test Number: 1



Horner Plot



Serial Number: 6669 (Outside)

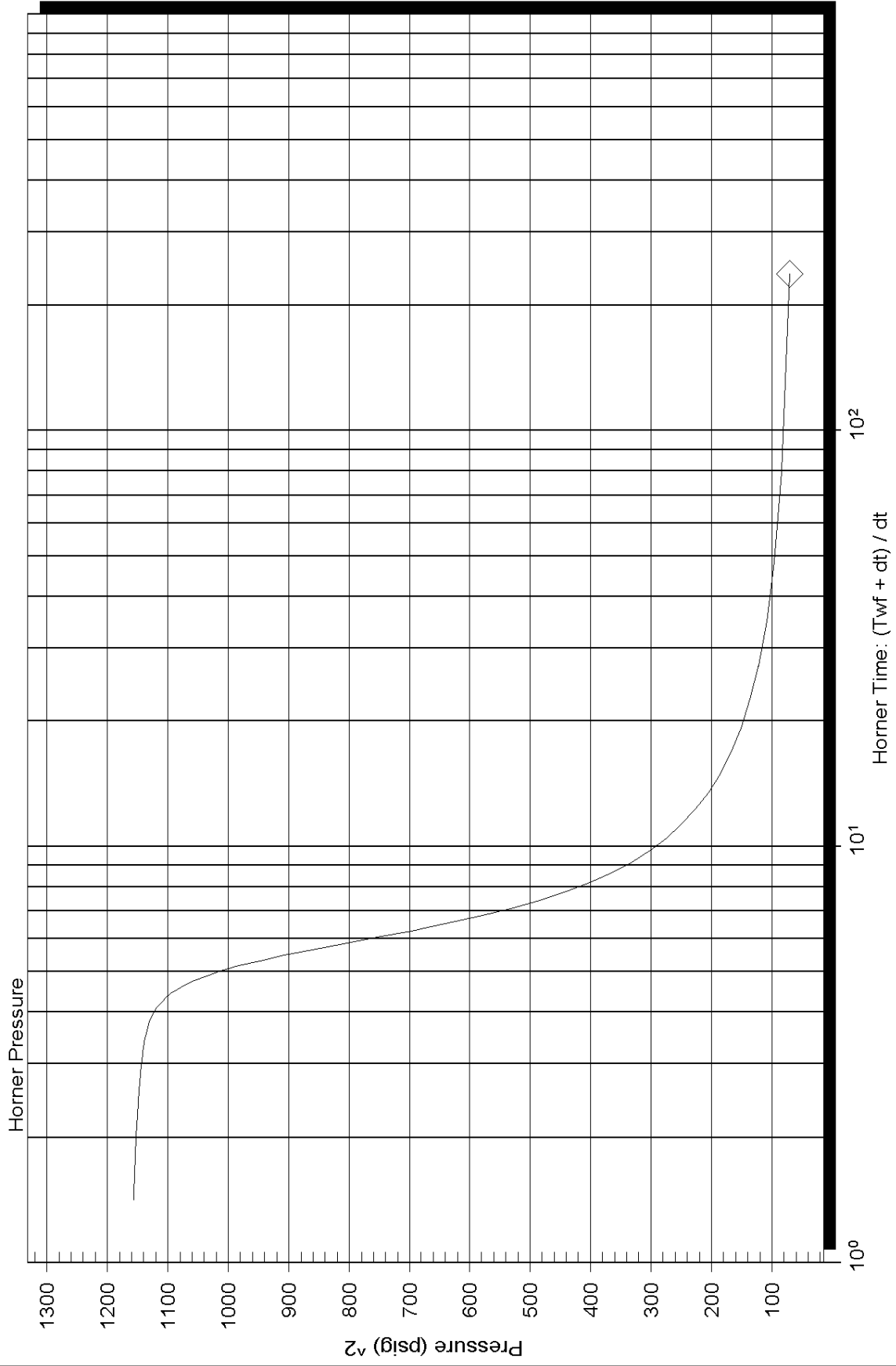
P* :

Horner Time: (Twf + dt) / dt

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot



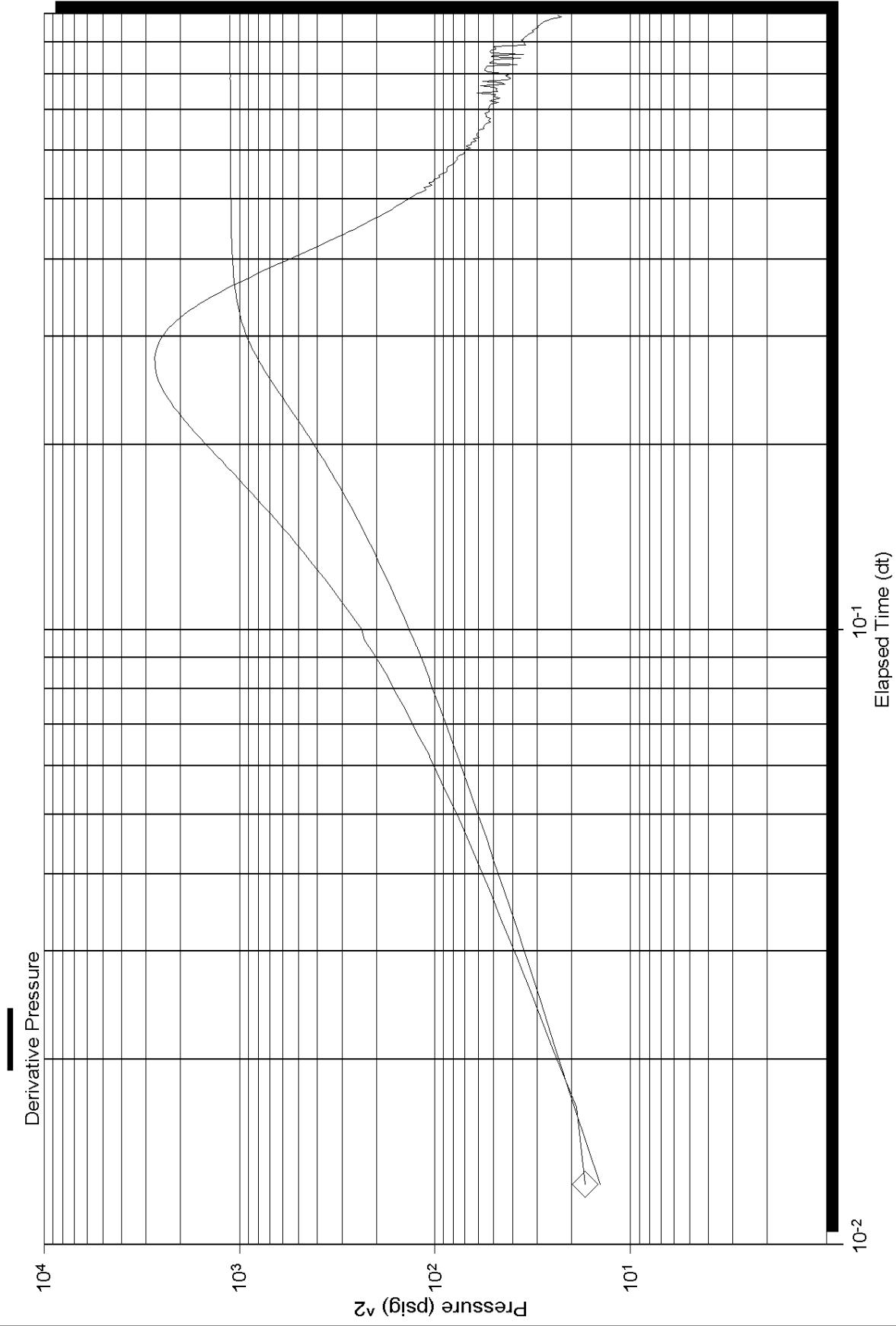
Serial Number: 6669 (Outside)

P* :

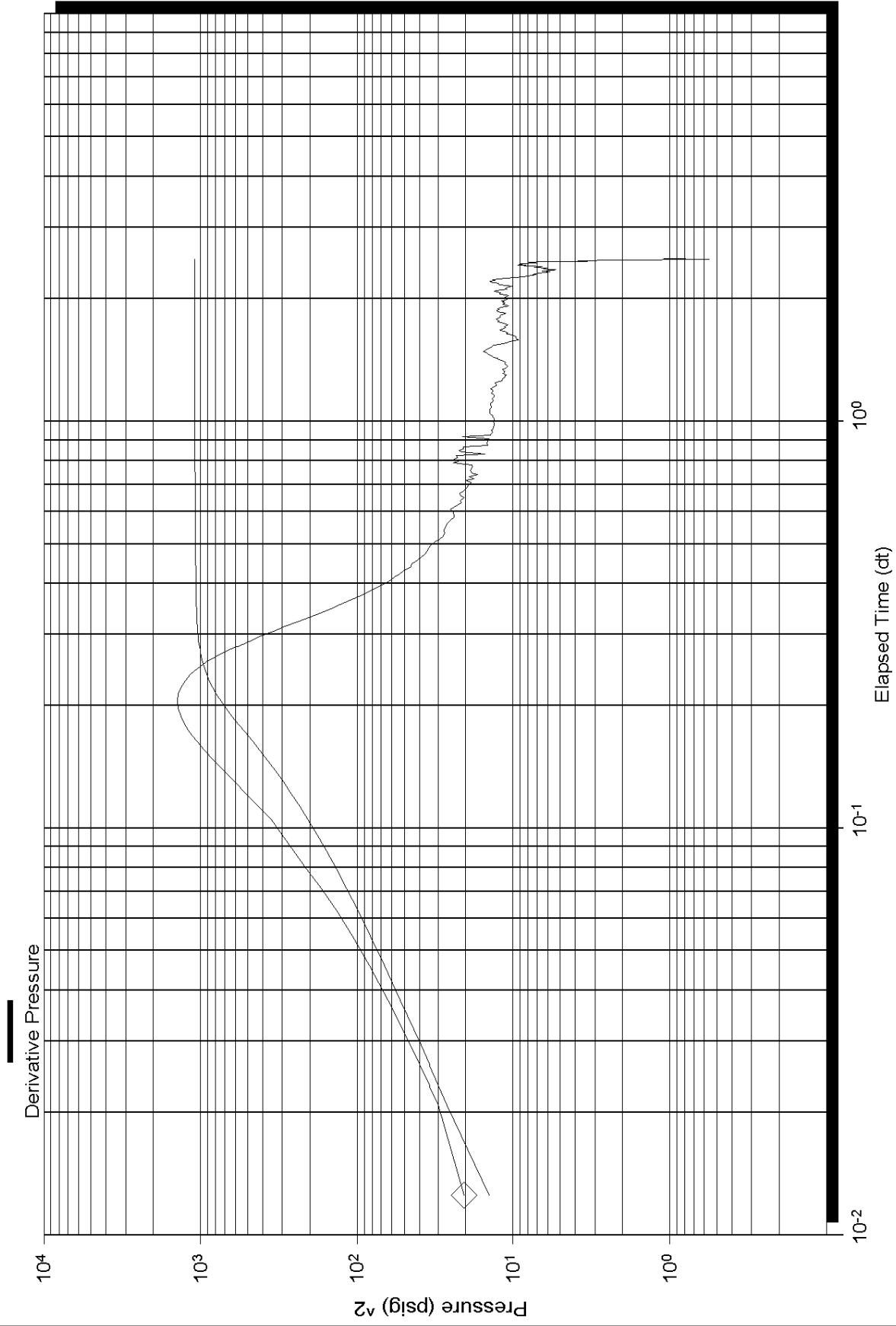
Slope (m) : kpa/log cycle

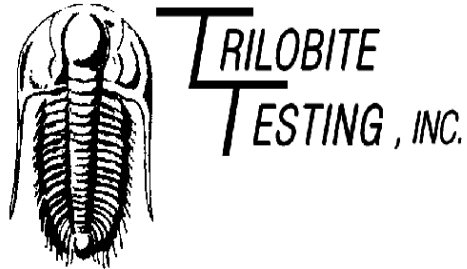
Flow Cycle: 2

Log-Log and Pseudo-Log-Derivative



Log-Log and Pseudo-Log-Derivative





DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr & Assoc. inc**

1515 Wynkoop, ste 700
Denver Co. 80202

ATTN: Tom Fertal

25-16s-16w Rush co.

Maier-Schneider #1-25

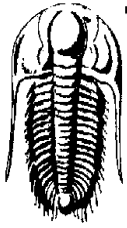
Start Date: 2010.07.25 @ 16:15:01

End Date: 2010.07.26 @ 00:19:30

Job Ticket #: 039892 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 Jr & Assoc. inc
 1515 Wynkoop, ste 700
 Denver Co. 80202
 ATTN: Tom Fertal

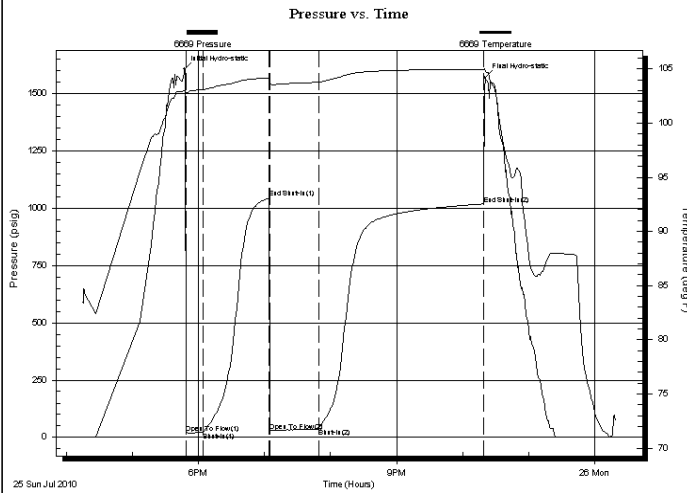
Maier-Schneider #1-25
25-16s-16w Rush co.
 Job Ticket: 039892 **DST#: 2**
 Test Start: 2010.07.25 @ 16:15:01

GENERAL INFORMATION:

Formation: **LKC-F & upper G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:48:45
 Time Test Ended: 00:19:30
 Interval: **3310.00 ft (KB) To 3335.00 ft (KB) (TVD)**
 Total Depth: 3284.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Andy Carreira
 Unit No: 53
 Reference Elevations: 1974.00 ft (KB)
 1966.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6669 Outside
 Press@RunDepth: 38.89 psig @ 3311.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.07.25 End Date: 2010.07.26 Last Calib.: 2010.07.26
 Start Time: 16:15:01 End Time: 00:19:30 Time On Btm: 2010.07.25 @ 17:47:15
 Time Off Btm: 2010.07.25 @ 22:20:15

TEST COMMENT: IF: BOB, 10 min
 IS: No return
 FF: BOB, immediately
 FS: No return



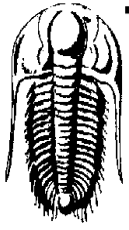
PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1605.07	103.02	Initial Hydro-static
2	19.72	102.73	Open To Flow (1)
18	24.45	103.09	Shut-In(1)
77	1043.39	104.18	End Shut-In(1)
78	28.51	103.68	Open To Flow (2)
122	38.89	103.77	Shut-In(2)
272	1017.87	104.94	End Shut-In(2)
273	1569.63	104.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCGM o=30% g=10% m=50%	0.98
0.00	744 ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr & Assoc. inc
1515 Wynkoop, ste 700
Denver Co. 80202
ATTN: Tom Fertal

Maier-Schneider #1-25
25-16s-16w Rush co.
Job Ticket: 039892 **DST#: 2**
Test Start: 2010.07.25 @ 16:15:01

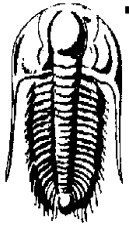
Tool Information

Drill Pipe:	Length: 3286.00 ft	Diameter: 3.80 inches	Volume: 46.09 bbl	Tool Weight: 3500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 62000.00 lb
			<u>Total Volume: 46.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3310.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			3283.00	
Shut In Tool	5.00			3288.00	
Hydraulic tool	5.00			3293.00	
Jars	5.00			3298.00	
Safety Joint	3.00			3301.00	
Packer	5.00			3306.00	28.00 Bottom Of Top Packer
Packer	4.00			3310.00	
Stubb	1.00			3311.00	
Recorder	0.00	8654	Inside	3311.00	
Recorder	0.00	6669	Outside	3311.00	
Perforations	21.00			3332.00	
Bullnose	3.00			3335.00	25.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr & Assoc. inc

Maier-Schneider #1-25

1515 Wynkoop, ste 700
Denver Co. 80202

25-16s-16w Rush co.

Job Ticket: 039892

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.07.25 @ 16:15:01

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	OCGM o=30% g=10% m=50%	0.982
0.00	744 ft GIP	0.000

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

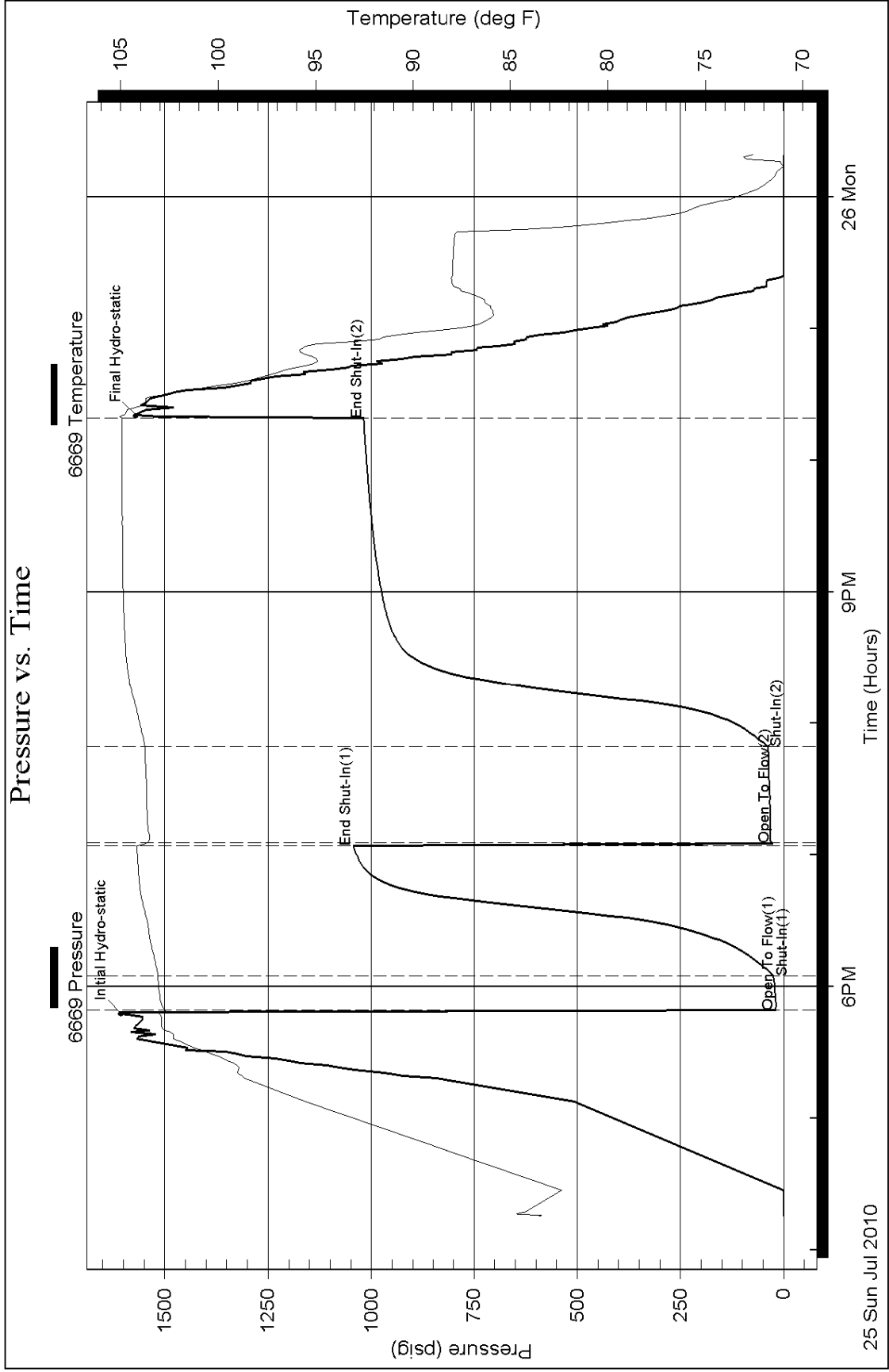
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



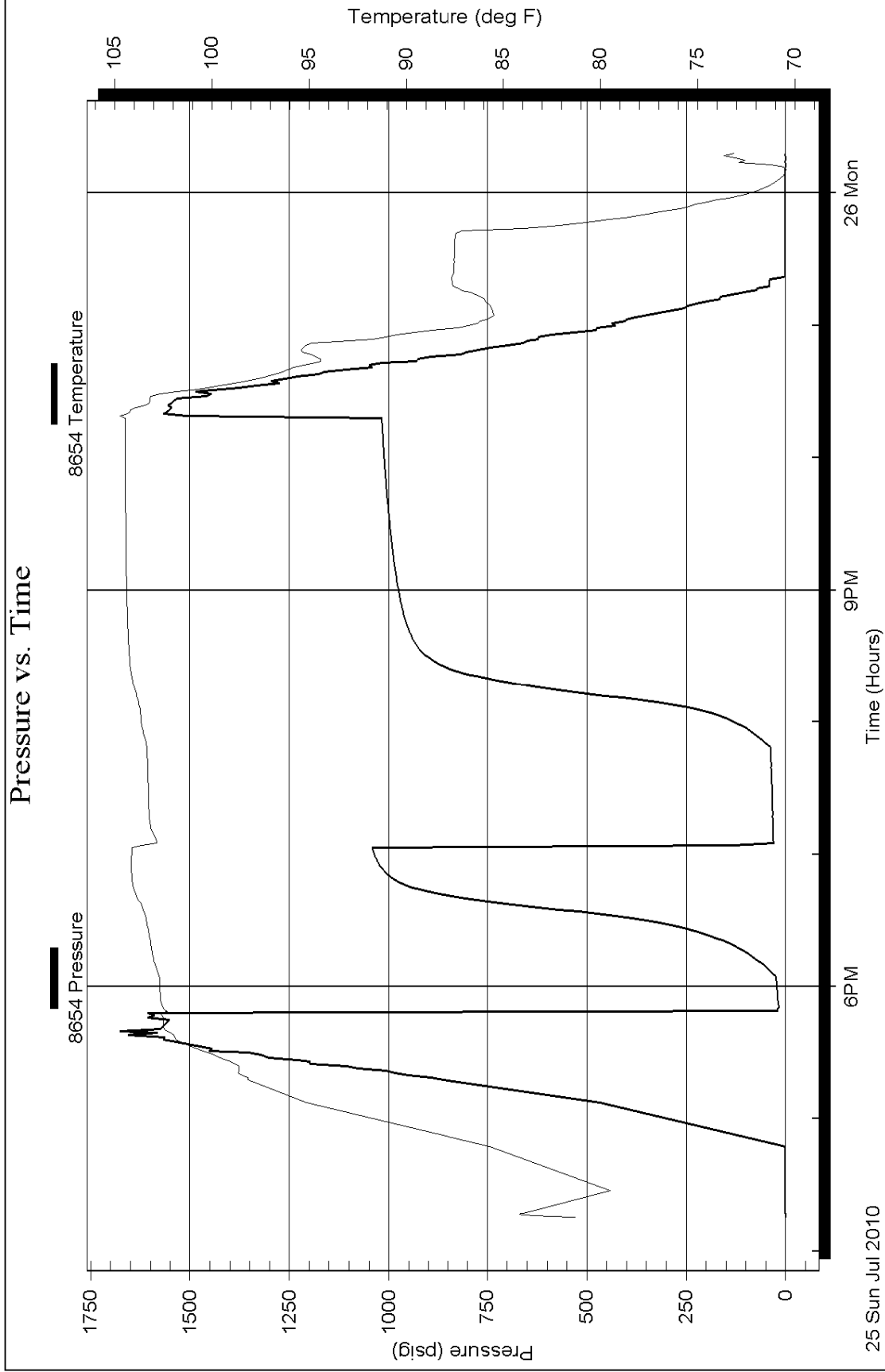
Serial #: 8654

Inside

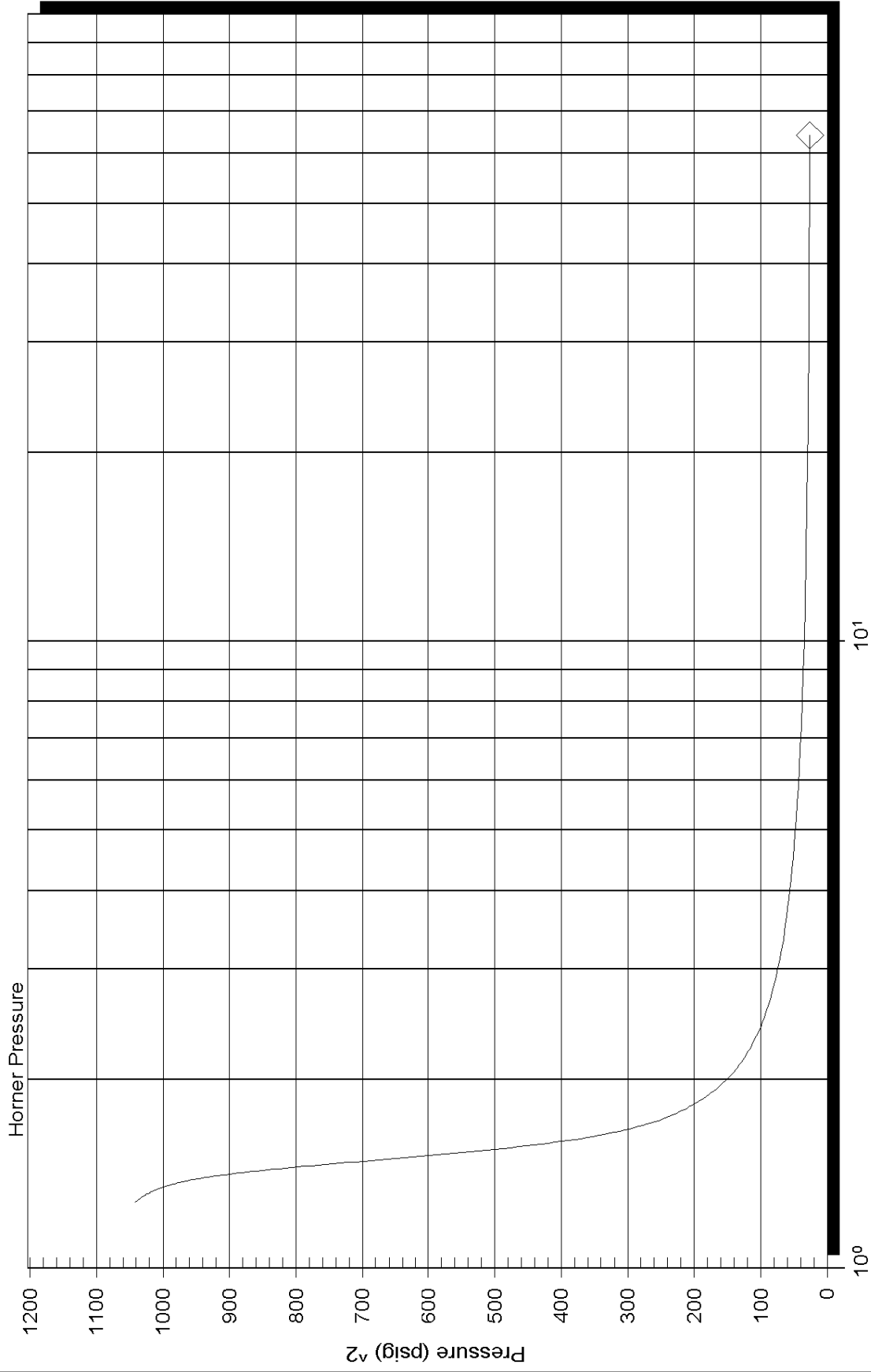
Sam Gary Jr & Assoc. inc

25-16s-16w Rush co.

DST Test Number: 2



Horner Plot



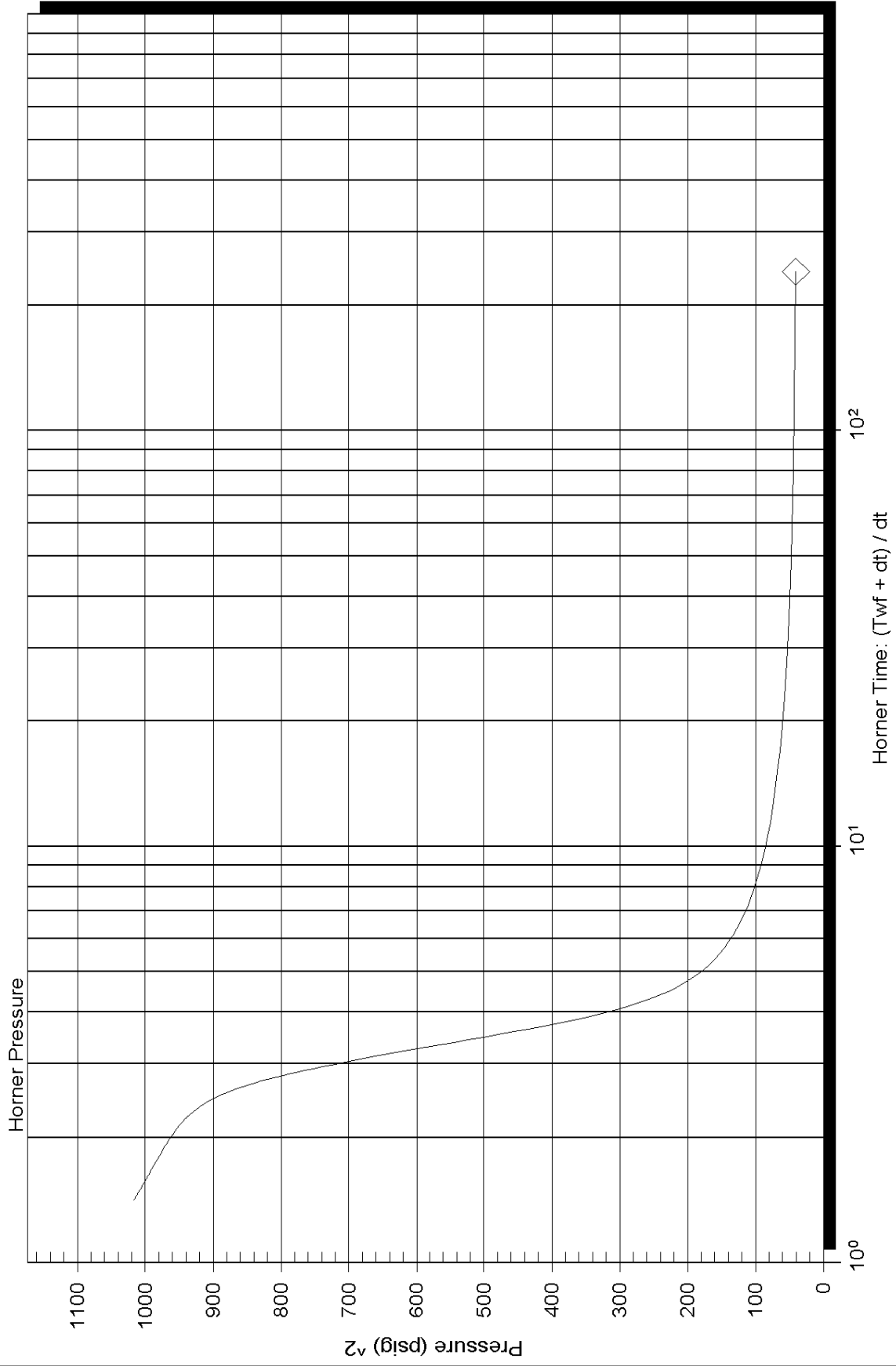
Serial Number: 6669 (Outside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot

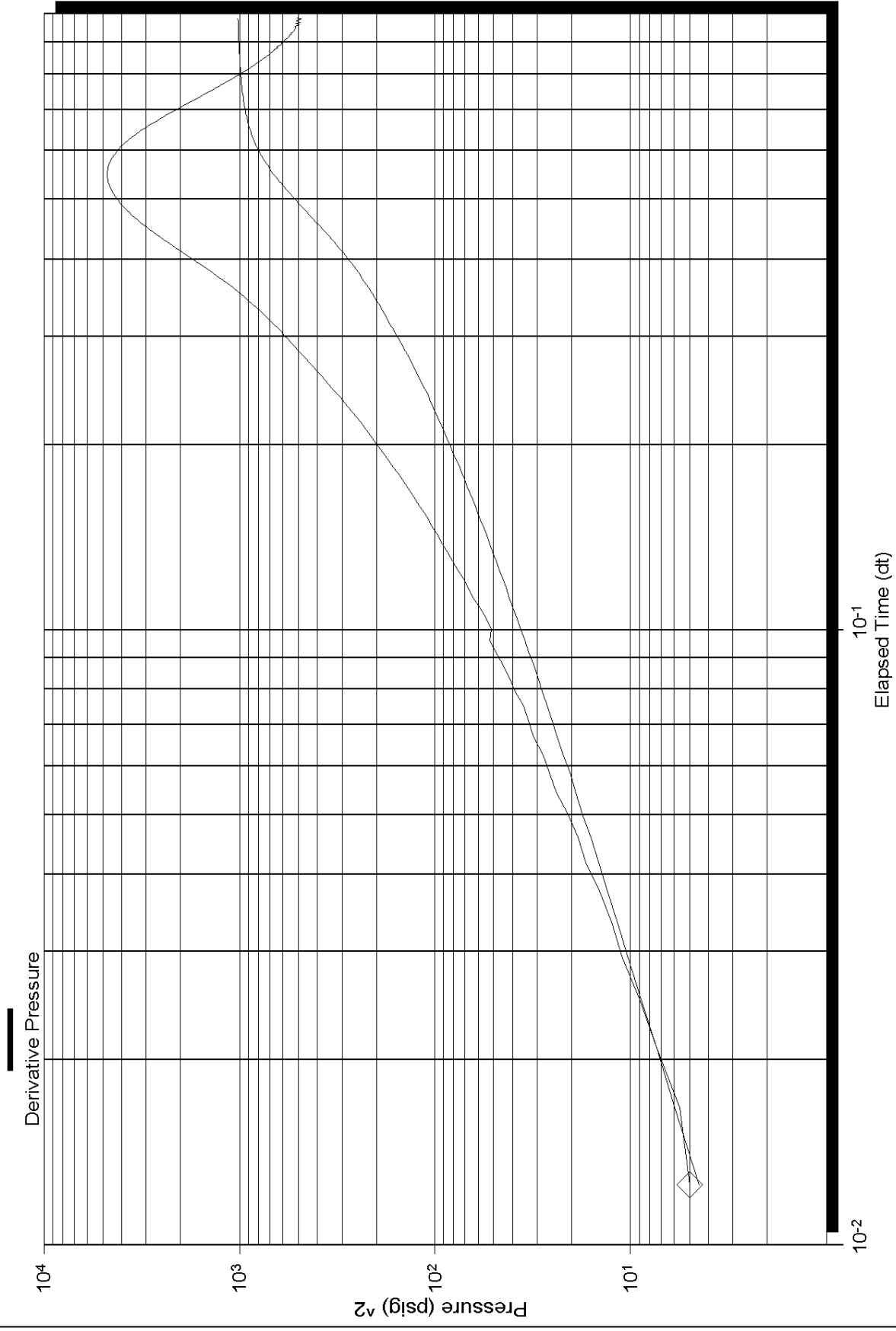


Serial Number: 6669 (Outside)

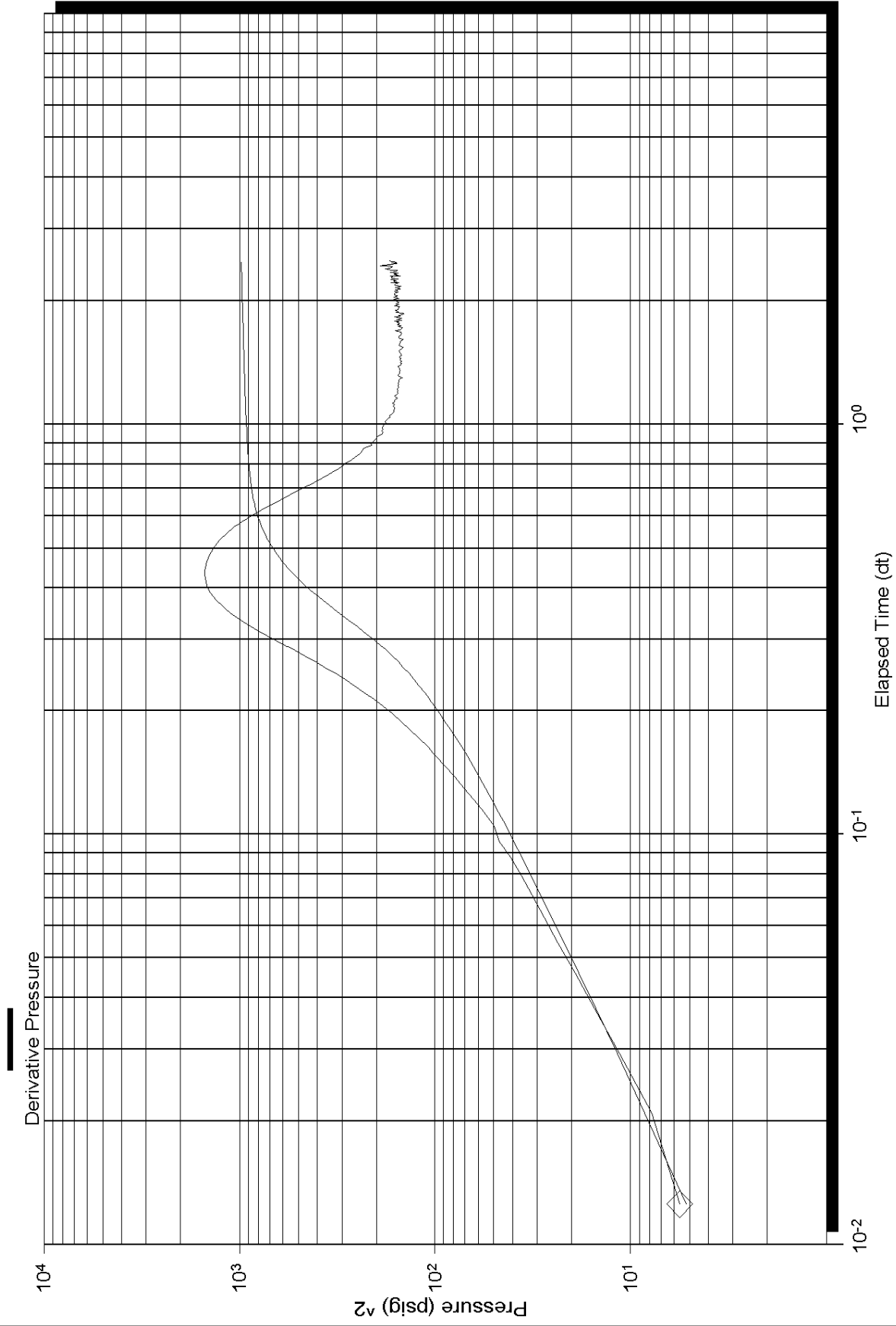
P* : Slope (m) : kpa/log cycle

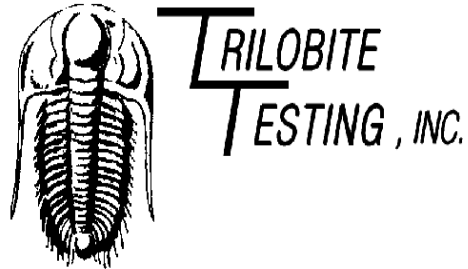
Flow Cycle: 2

Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr & Assoc. inc**

1515 Wynkoop, ste 700
Denver Co. 80202

ATTN: Tom Fertal

25-16s-16w Rush co.

Maier-Schneider #1-25

Start Date: 2010.07.26 @ 07:58:54

End Date: 2010.07.26 @ 13:41:24

Job Ticket #: 39893 DST #: 3

Trilobite Testing, Inc

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

Sam Gary Jr & Assoc. inc

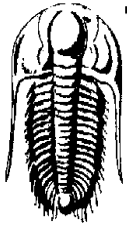
Maier-Schneider #1-25

25-16s-16w Rush co.

DST # 3

Lansing G

2010.07.26



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Sam Gary Jr & Assoc. inc
 1515 Wynkoop, ste 700
 Denver Co. 80202
 ATTN: Tom Fertal

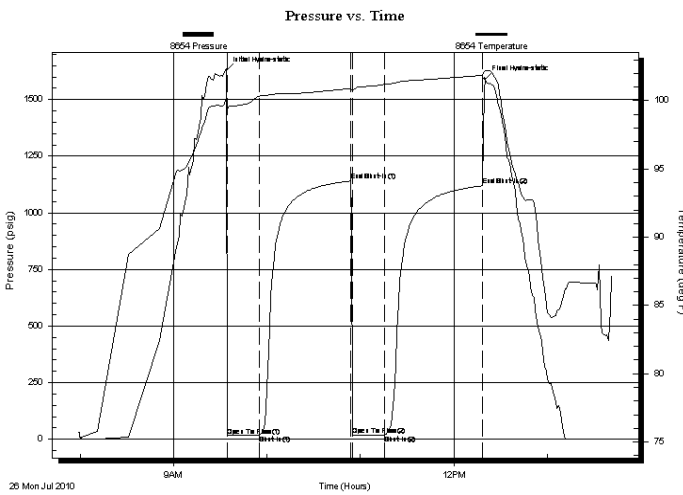
Maier-Schneider #1-25
25-16s-16w Rush co.
 Job Ticket: 39893 **DST#: 3**
 Test Start: 2010.07.26 @ 07:58:54

GENERAL INFORMATION:

Formation: **Lansing G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:34:24
 Time Test Ended: 13:41:24
 Test Type: Conventional Bottom Hole
 Tester: Dustin Rash
 Unit No: 53
 Interval: **3341.00 ft (KB) To 3355.00 ft (KB) (TVD)**
 Total Depth: 3355.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Reference Elevations: 1974.00 ft (KB)
 1966.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8654 Inside
 Press@RunDepth: 17.88 psig @ 3342.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.07.26 End Date: 2010.07.26 Last Calib.: 2010.07.26
 Start Time: 07:58:55 End Time: 13:41:24 Time On Btm: 2010.07.26 @ 09:33:54
 Time Off Btm: 2010.07.26 @ 12:19:54

TEST COMMENT: IF-Weak surface blow . Built to 1/4 inch. Dying off.
 IS-No blow back.
 FF-No blow .
 FSI-No blow back.



PRESSURE SUMMARY

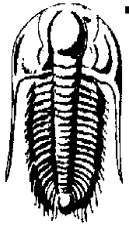
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.69	100.02	Initial Hydro-static
1	15.01	99.33	Open To Flow (1)
21	17.47	100.33	Shut-In(1)
80	1140.13	100.89	End Shut-In(1)
81	17.68	100.70	Open To Flow (2)
102	17.88	101.21	Shut-In(2)
165	1119.32	101.85	End Shut-In(2)
166	1592.01	102.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%Mud/Skim of oil.	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr & Assoc. inc
1515 Wynkoop, ste 700
Denver Co. 80202
ATTN: Tom Fertal

Maier-Schneider #1-25
25-16s-16w Rush co.
Job Ticket: 39893 **DST#: 3**
Test Start: 2010.07.26 @ 07:58:54

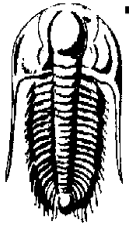
Tool Information

Drill Pipe:	Length: 3317.00 ft	Diameter: 3.80 inches	Volume: 46.53 bbl	Tool Weight: 3500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 4000.00 lb
			<u>Total Volume: 46.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3341.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 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			3314.00	
Shut In Tool	5.00			3319.00	
Hydraulic tool	5.00			3324.00	
Jars	5.00			3329.00	
Safety Joint	3.00			3332.00	
Packer	5.00			3337.00	28.00 Bottom Of Top Packer
Packer	4.00			3341.00	
Stubb	1.00			3342.00	
Recorder	0.00	8654	Inside	3342.00	
Recorder	0.00	6669	Outside	3342.00	
Perforations	10.00			3352.00	
Bullnose	3.00			3355.00	14.00 Bottom Packers & Anchor

Total Tool Length: 42.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr & Assoc. inc

Maier-Schneider #1-25

1515 Wynkoop, ste 700
Denver Co. 80202

25-16s-16w Rush co.

Job Ticket: 39893

DST#: 3

ATTN: Tom Fertal

Test Start: 2010.07.26 @ 07:58:54

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:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%Mud/Skim of oil.	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

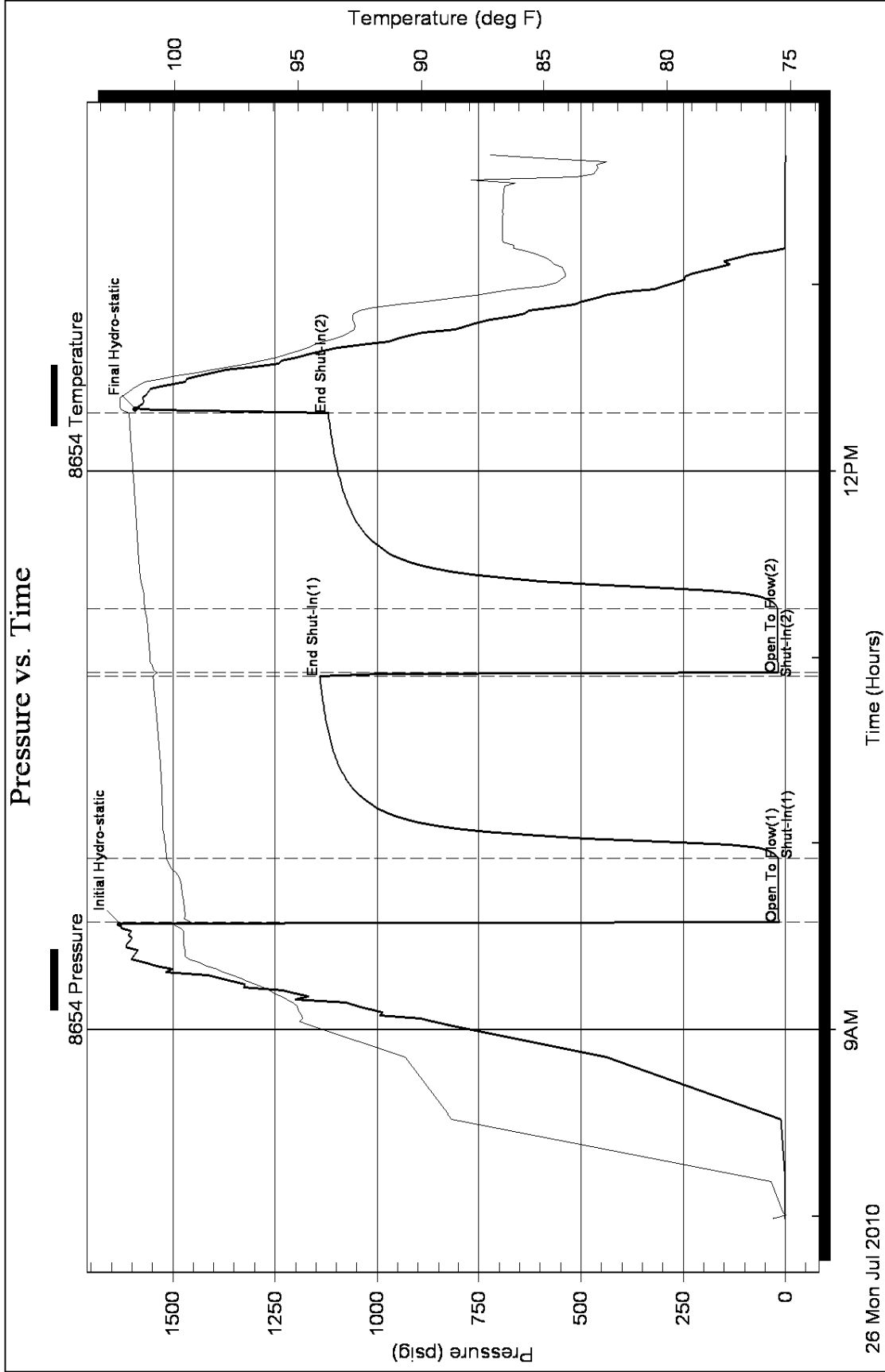
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

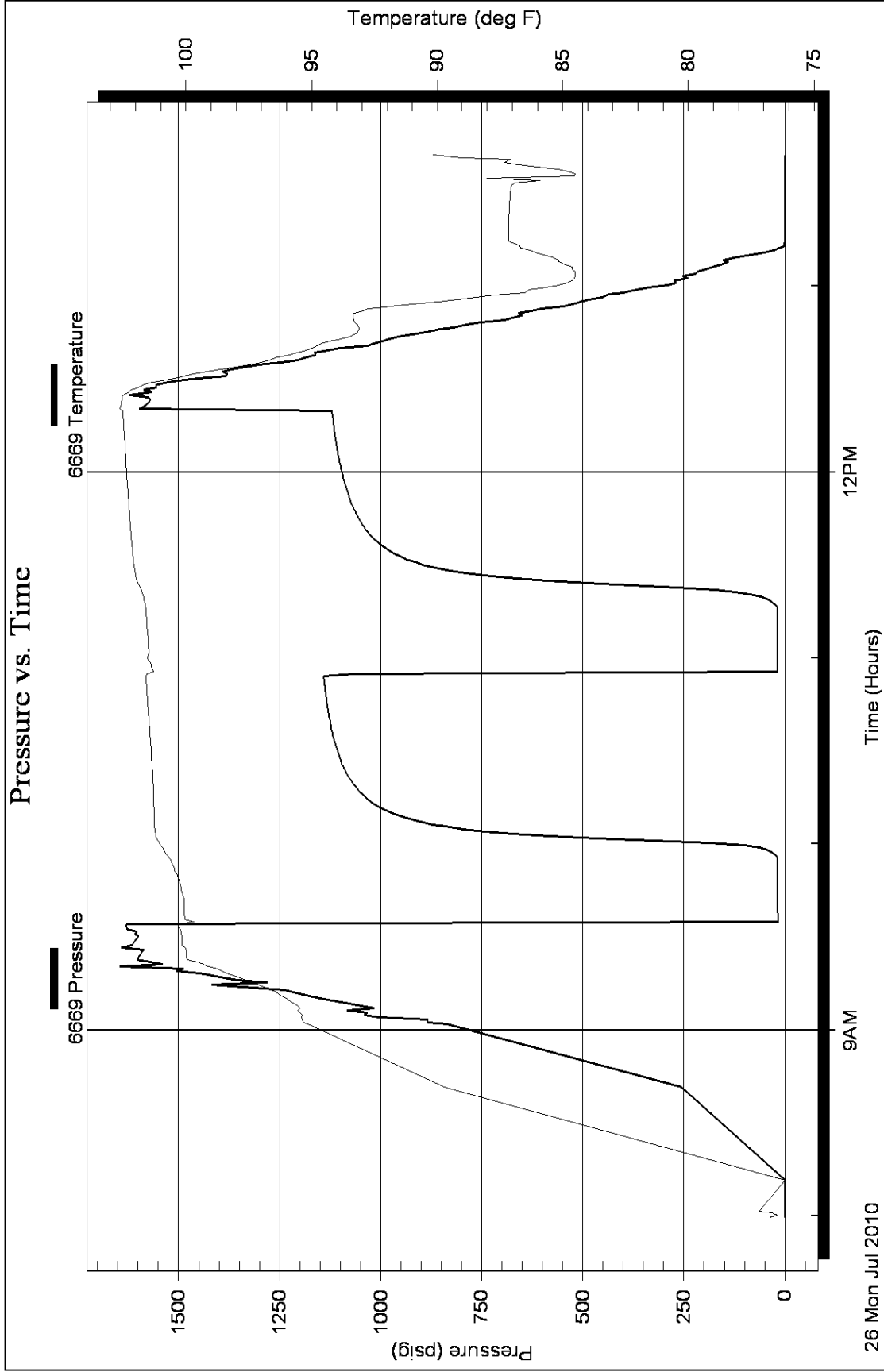


Serial #: 6669

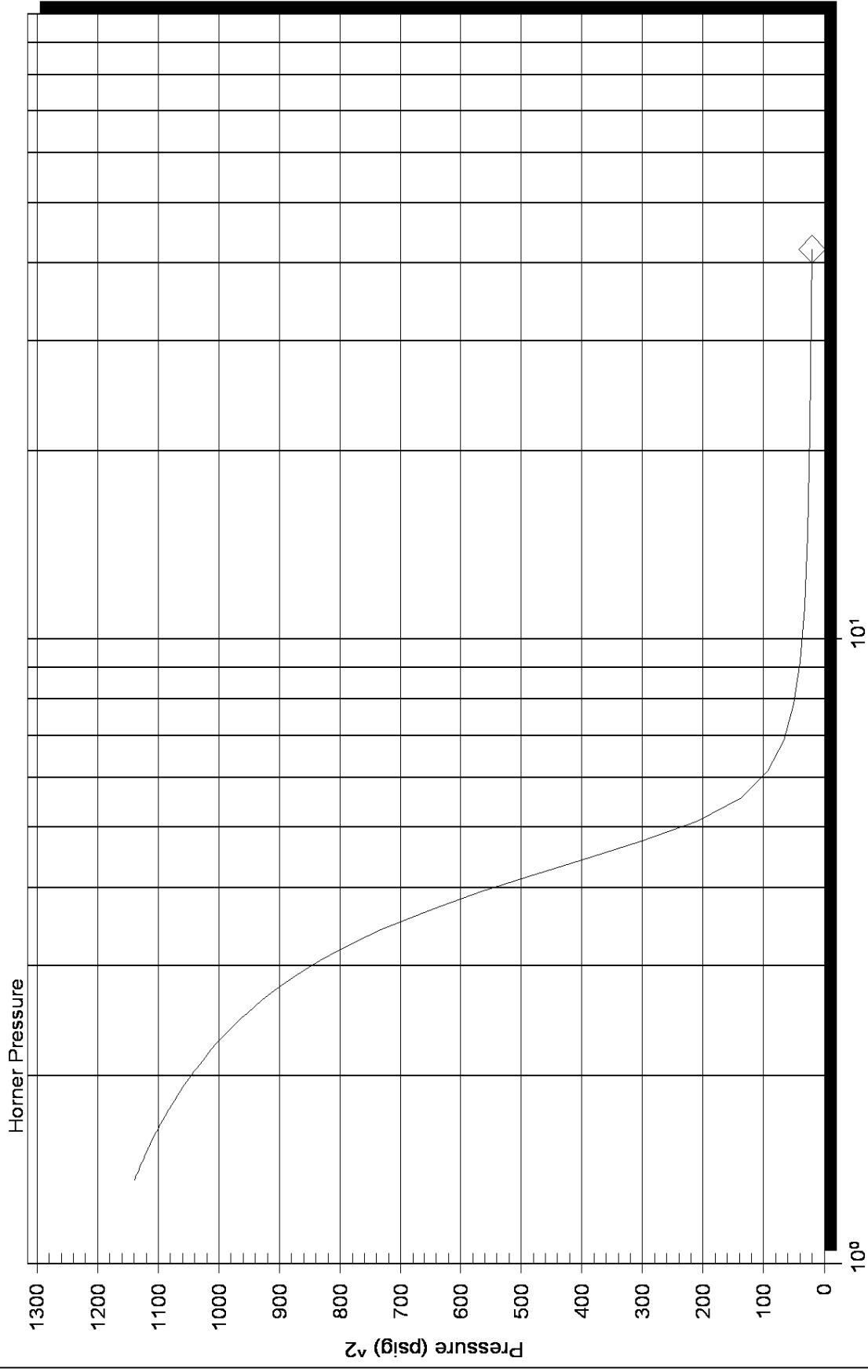
Outside Sam Gary Jr & Assoc. inc

25-16s-16w Rush co.

DST Test Number: 3



Homer Plot

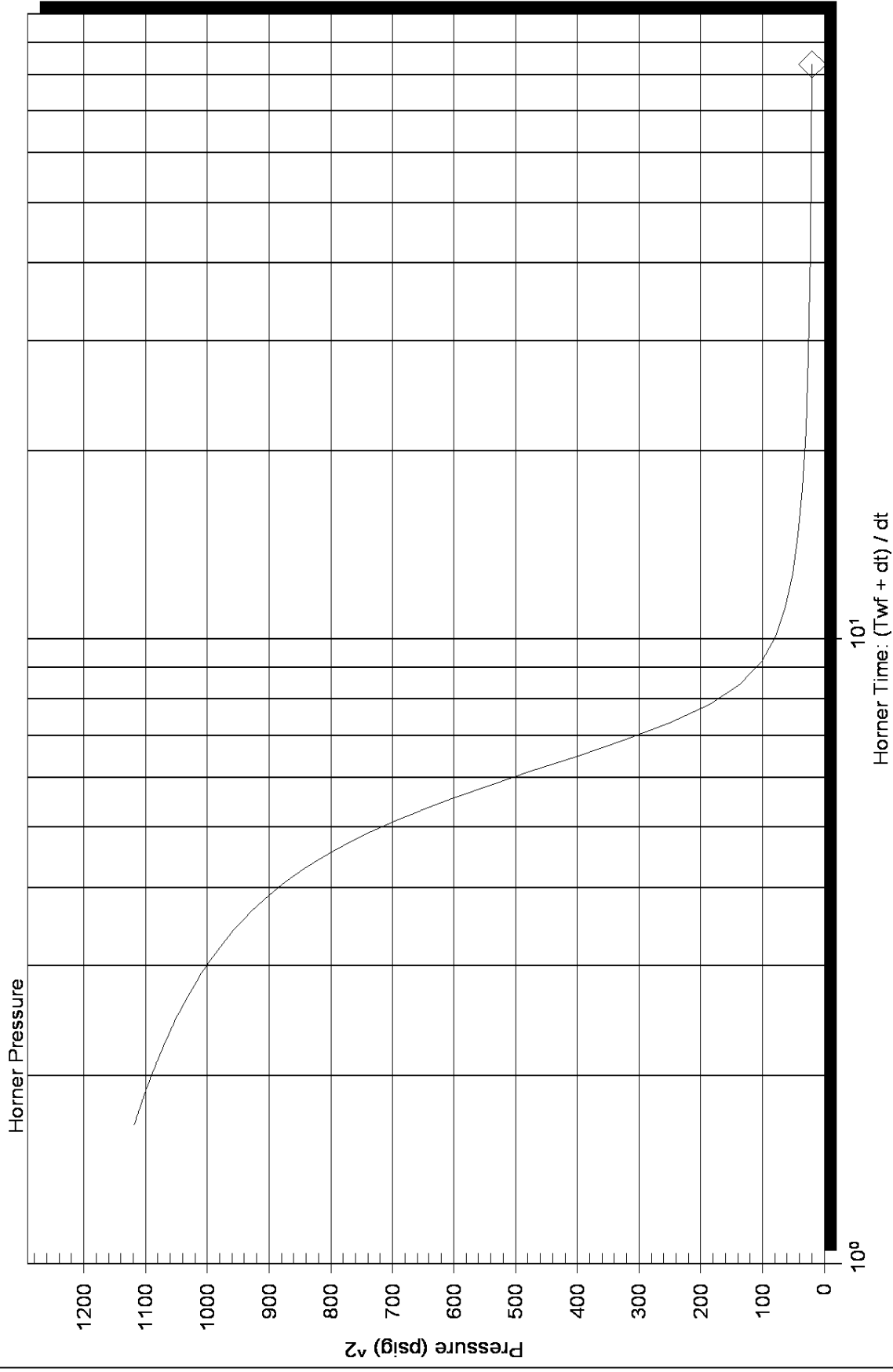


Serial Number: 8654 (Inside)

P* : Slope (m) : kpa/log cycle

Flow Cycle: 1

Homer Plot



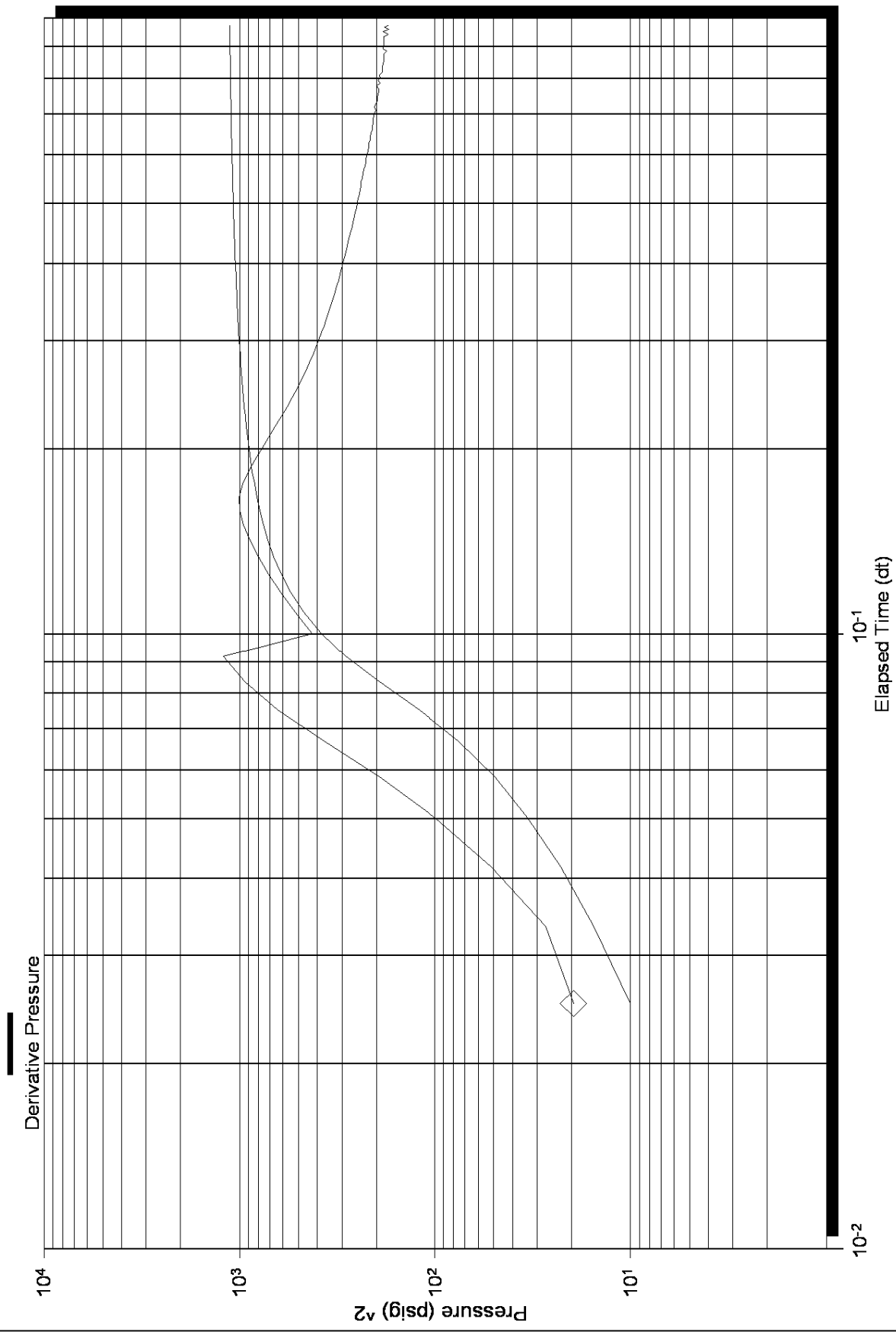
Serial Number: 8654 (Inside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative

