



KANSAS CORPORATION COMMISSION 1048613
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: TOM FERTAL
Phone: (303) 831-4673
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: RODNEY NAPIER
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 #: _____
08/25/2010 08/30/2010 09/17/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-159-22618-00-00
Spot Description: _____
NE_SW_SW_NE Sec. 4 Twp. 18 S. R. 10 East West
2030 Feet from North / South Line of Section
2040 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rice
Lease Name: HOELSCHER FARMS Well #: 1-4
Field Name: WILDCAT
Producing Formation: LANSING / ARBUCKLE
Elevation: Ground: 1792 Kelly Bushing: 1802
Total Depth: 3359 Plug Back Total Depth: 3285
Amount of Surface Pipe Set and Cemented at: 350 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: 66000 ppm Fluid volume: 1200 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: SAMUEL GARY JR & ASSOCIATES
Lease Name: MATTHAEI TRUST License #: 3882
Quarter W2 Sec. 19 Twp. 18 S. R. 9 East West
County: ROCE 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: 12/23/2010
 Confidential Release Date: 12/22/2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 12/27/2010

Operator Name: Samuel Gary Jr. & Associates, Inc. Lease Name: HOELSCHER FARMS Well #: 1-4

Sec. 4 Twp. 18 S. R. 10 East West County: Rice

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 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>2256</td> <td>-754</td> </tr> <tr> <td>HEEBNER</td> <td>2812</td> <td>-1010</td> </tr> <tr> <td>DOUGLAS</td> <td>2838</td> <td>-1036</td> </tr> <tr> <td>LANSING</td> <td>2946</td> <td>-1144</td> </tr> <tr> <td>ARBUCKLE</td> <td>3250</td> <td>-1448</td> </tr> <tr> <td>TD</td> <td>3359</td> <td></td> </tr> </tbody> </table>	Name	Top	Datum	TOPEKA	2256	-754	HEEBNER	2812	-1010	DOUGLAS	2838	-1036	LANSING	2946	-1144	ARBUCKLE	3250	-1448	TD	3359	
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ARBUCKLE	3250	-1448																				
TD	3359																					

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	350	CLASS A	225	3%CC, 2% GEL 1/4# SAC FLOW SEAL
PRODUCTION	7.875	5.5	15.5	3357	ECONO BOND	150	w/ 4% Gel, 2% CC,

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ 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
Attached	Attached	Attached	Attached

TUBING RECORD:	Size: <u>2.825</u>	Set At: <u>6263</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>09/17/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf	Water Bbls. <u>4</u>	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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>3121-3294' OA</u>
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Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	HOELSCHER FARMS 1-4
Doc ID	1048613

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	HOELSCHER FARMS 1-4
Doc ID	1048613

Perforations

4	3121'-26'	500 gallons of 28% MCA and 3% MAS followed by produced water	3121'-26'
4	3133'-38'	500 gallons of 28% MCA and 3% MAS followed by produced water	3133'-38'
4	3200'-03'	500 gallons of 28% MCA with 3% MAS followed by produced water	3200'-03'
4	3254'-58'	400 gallons of 15% acetic acid followed by 54 bbls of produced water	3254'-58'
4	3261'-73'	400 gallons of 15% acetic acid followed by 54 bbls of produced water	3261'-73'
4	3288'-94'	400 gallons of 15% acetic acid followed by 54 bbls of produced water	3288'-94'



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

December 23, 2010

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

Re: ACO1
API 15-159-22618-00-00
HOELSCHER FARMS 1-4
NE/4 Sec.04-18S-10W
Rice 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,
TOM FERTAL



BASIC
ENERGY SERVICES

1009-AP-445

9/30

PAGE	CUST NO	INVOICE DATE
1 of 1	1003682	09/01/2010
INVOICE NUMBER		
1718 - 90398993		

Pratt (620) 672-1201
 B SAMUEL GARY JR. & ASSOCIATES
 I 3111 W 10TH ST, STE 101
 L GREAT BEND
 L KS US 67530
 T
 O ATTN:

J LEASE NAME Hoelscher Farms 1-4
 O LOCATION
 B COUNTY Rice
 E STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 R

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40224735	20920		Net - 30 days	10/01/2010	
For Service Dates: 08/31/2010 to 08/31/2010					
0040224735					
171802270A Cement-New Well Casing/Pi 08/31/2010 5 1/2" Longstring					
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
60/40 POZ		75.00	EA	7.80	585.02 T
50/50 POZ		150.00	EA	7.15	1,072.53 T
Cello-flake		37.00	EA	2.41	88.99 T
Calcium Chloride		252.00	EA	0.68	172.00 T
Cal-Set		750.00	EA	0.49	365.64 T
FLA-322		121.00	EA	4.88	589.89 T
Cement Gel		252.00	EA	0.16	40.95 T
Gilsonite		1,125.00	EA	0.44	489.95 T
Latch Down Plug & Baffle 5 1/2" (Blue)		1.00	EA	260.01	260.01
Auto Fill Float Shoe 5 1/2" (Blue)		1.00	EA	234.01	234.01
Turbolizer 5 1/2" (Blue)		8.00	EA	71.50	572.02
CS-1L KCL Substitute		4.00	EA	22.75	91.00 T
Super Flush II		500.00	EA	0.99	497.26 T
Unit Mileage Charge-Pickups, Vans & Cars		75.00	HR	2.76	207.19
Heavy Equipment Mileage		150.00	MI	4.55	682.52
Proppant and Bulk Delivery Charges		716.00	MI	1.04	744.88
Depth Charge 3001-4000'		1.00	HR	1,404.05	1,404.05
Blending & Mixing Service Charge		225.00	MI	0.91	204.76
Casing Swivel Rental		1.00	EA	130.00	130.00
Plug Container Utilization Charge		1.00	EA	162.50	162.50
Service Supervisor		1.00	HR	113.75	113.75

DRLG COMP W/O LOE
 AFE # _____
 ACCT. # 8700-138
 APPROVED BY KAS

SEP 16 2010
 SAMUEL GARY JR.
 3111 W 10TH ST, STE 101
 GREAT BEND, KS, 67530

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,708.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	291.51
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	9,000.21
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



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

FIELD SERVICE TICKET
1718 02270 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>8-31-10</u> DISTRICT <u>KANSAS</u>		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 <u>Samuel Gary JR + ASSC. INC.</u>		LEASE <u>Hoelscher</u> # <u>1.4</u> WELL NO.						
ADDRESS _____		COUNTY <u>Rice</u> 4-18-10 STATE <u>KANSAS</u>						
CITY _____ STATE _____		SERVICE CREW <u>A. Werth, J. Nelson, T. White</u>						
AUTHORIZED BY _____		JOB TYPE <u>5 1/2" L.S.</u> Crew						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
<u>28443 P.U.</u>	<u>1</u>						<u>8-31-10</u>	<u>6:00</u>
<u>33708-20920</u>	<u>1</u>					ARRIVED AT JOB	<u>8-31-10</u>	<u>9:20</u>
<u>19959-21010</u>	<u>1</u>					START OPERATION	<u>8-31-10</u>	<u>7:30</u>
						FINISH OPERATION	<u>8-31-10</u>	<u>3:30</u>
						RELEASED	<u>8-31-10</u>	<u>4:30</u>
						MILES FROM STATION TO WELL	<u>75</u>	<u>miles</u>

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
CP103	60/40 P02		75-SK		\$ 900.00
CP104	56/50 P02		150-SK		\$ 1650.00
CC102	cell FLAKE		37-16		\$ 136.90
CC109	Calcium Chloride		252-16		\$ 264.60
CC113	cal. gel		750-14		\$ 567.50
CC129	FIA-322		121-16		\$ 907.50
CC200	Cement Gel		252-16		\$ 63.00
CC201	Bilsmate		1125-16		\$ 753.75
CF107	Latch down Plug + Baffle 5/2 Blue		1-en		\$ 400.00
CF1251	Auto fill Float Shoe 5/2 Blue		1-en		\$ 360.00
CF1651	TURBOLIZER 5/2 Blue		8-en		\$ 880.00
CC704	CS-16 KCL Sub		4-gal		\$ 140.00
CC155	Super Flush II		500-gal		\$ 765.00
SUB TOTAL					<u>DLS</u>

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Allen P. Werth THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



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 02271 A

DATE TICKET NO. 02270A

DATE OF JOB <u>8-31-10</u> DISTRICT <u>KANSAS</u>			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 <u>SAMUEL GARY JR. & ASSC. INC</u>					LEASE <u>HOELSCHEER FARMS 1-4 WELL NO.</u>				
ADDRESS					COUNTY <u>RICE 4-18-10</u> STATE <u>KANS.</u>				
CITY					SERVICE CREW <u>A. Weir, J. Nelson, T. White</u>				
AUTHORIZED BY					JOB TYPE: <u>5 1/2" L.S. G.M.W.</u>				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	(AM/PM)	TIME
<u>22443 P.U.</u>	<u>1</u>					<u>ARRIVED AT JOB</u>	<u>8-31-10</u>	<u>AM</u>	<u>600</u>
<u>33708-20920</u>	<u>1</u>					<u>START OPERATION</u>	<u>8-31-10</u>	<u>AM</u>	<u>730</u>
<u>19959-21010</u>	<u>1</u>					<u>FINISH OPERATION</u>	<u>8-31-10</u>	<u>AM</u>	<u>330</u>
						<u>RELEASED</u>	<u>8-31-10</u>	<u>AM</u>	<u>430</u>
						<u>MILES FROM STATION TO WELL</u>	<u>25</u>	<u>miles</u>	

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
E100	unit mileage charge Pickup.		<u>25 mi</u>		<u>\$ 318.75</u>
E101	Heavy Equip mileage		<u>150 mi</u>		<u>\$ 1050.00</u>
E113	Bulk Delivery Chg		<u>716-Ton</u>		<u>\$ 1146.00</u>
CF204	Depth Charge 3801-4000'		<u>1-4 hrs</u>		<u>\$ 2160.00</u>
CF240	Blending & mixing Service Chg		<u>225 SK</u>		<u>\$ 315.00</u>
CE501	CASING swivel Rental		<u>1-CA</u>		<u>\$ 200.00</u>
CE504	Plug container Utilization chg		<u>1-Job</u>		<u>\$ 250.00</u>
5003	Service Supervisor first 8hrs on loc		<u>1-CA</u>		<u>\$ 170.00</u>

SUB TOTAL

CHEMICAL / ACID DATA:

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

TOTAL

\$ 2708.70

SERVICE REPRESENTATIVE A. Weir

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Samuel Gary JR & ASSOC INC	Lease No. 1-4	Date 8-31-10
Lease Hoelscher Farms	Well # 1-4	
Field Order # 02270A	Station P10H	Casing 5/2
		Depth 3358
Type Job 5/2" L.S.	Formation CNU	County Rice
		State K. Mo.
		Legal Description 4-18-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5/2	Tubing Size	Shots/Ft		Acid 12- BBI super	Flush II	RATE	PRESS	ISIP
Depth 3357	Depth	From	To	Pre Pad 25 SKs 60-40	Max 202 SCAVENGER			5 Min. 12 #
Volume 19 BBL	Volume	From	To	Pad. 120 SKs 50/50	Min 202 @ 13.8 #			10 Min.
Max Press # 1500	Max Press	From	To	Frac 20 SKs Plug	Avg RH + MH 60/40			15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 3335	Packer Depth	From	To	Flush Disp 2% KCL	Gas Volume			Total Load

Customer Representative Kurt Strube	Station Manager Scotty	Treater Allen F. Wirth
Service Units 28443 33208 20920 19959 21010		
Driver Names A Wirth Joe Nelson Terry Whitham		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:20 AM					DN/OC Discuss Safety, Setup, Plans, Job
10:10					Rig laying down Drill Collars out of Hole Lay down Kelly. Rig up to Run 5/2" casing 15.5 #
11:00					Start 5/2 casing shoe joint 2215 w/ Auto F.II Float Shoe Latch Down Baffle in collar
12:45 PM					Cent-1-3-5-7-9-11-13-15 TAG TD @ 23.59' Hook up + CIR + Rotate Pipe (wait on water test)
2:35	1500 #		12	5	Pump 12 BBLs super flush II
				5	Pump 5 BBL H ₂ O
			9	5	Mix + pump 25 SKs 60/40 SCAVENGER
				5	Mix + pump 150 SKs 50/50 @ 2 @ 13.8 #
			41		Fract. mix - wash out Pump thru
3:30				6	Drop Latch Down Plug, start Disp
				5	caught lift PST 250 BBLs out
3:15	1500 # 0 #		79	3	Plug down
					Release PST OK.
					Plug RH + MH w/ 50 SKs 60/40
					Job complete
4:30					Thanks Allen Joe Terry



PAGE 1 of 1	CUST NO 1003682	INVOICE DATE 09/01/2010
INVOICE NUMBER 1718 - 90398993		

Pratt (620) 672-1201
 B SAMUEL GARY JR. & ASSOCIATES
 I 3111 W 10TH ST, STE 101
 L GREAT BEND
 L KS US 67530
 T
 O ATTN:

J LEASE NAME Hoelscher Farms 1-4
 O LOCATION
 B COUNTY Rice
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
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	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 08/31/2010 to 08/31/2010</i>				
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Heavy Equipment Mileage	150.00	MI	4.55	682.52
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Blending & Mixing Service Charge	225.00	MI	0.91	204.76
Casing Swivel Rental	1.00	EA	130.00	130.00
Plug Container Utilization Charge	1.00	EA	162.50	162.50
Service Supervisor	1.00	HR	113.75	113.75

DRLG COMP W/O LOE
 AFE # _____
 ACCT. # 8100-138
 APPROVED BY KAS

RECEIVED
 SEP 16 2010
 SAMUEL GARY JR. & ASSOCIATES, INC.

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,708.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	291.51
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	9,000.21
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 02270 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>8-31-10</u> DISTRICT <u>KANSAS</u>		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 <u>Samuel Gary JR + ASSC. INC.</u>		LEASE <u>Hoelcher</u> # <u>1-4</u> WELL NO. _____						
ADDRESS _____		COUNTY <u>Rice</u> <u>4-18-10</u> STATE <u>KANSAS</u>						
CITY _____ STATE _____		SERVICE CREW <u>A. Werth, J. Melan, T. White</u>						
AUTHORIZED BY _____		JOB TYPE <u>5 1/2" L.S.</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
<u>28443</u>	<u>1</u>						<u>8-31-10</u>	<u>6:00</u>
<u>33708</u>	<u>1</u>					ARRIVED AT JOB	<u>8-31-10</u>	<u>9:20</u>
<u>19959</u>	<u>1</u>					START OPERATION	<u>8-31-10</u>	<u>7:30</u>
						FINISH OPERATION	<u>8-31-10</u>	<u>3:30</u>
						RELEASED	<u>8-31-10</u>	<u>4:30</u>
						MILES FROM STATION TO WELL	<u>75</u>	<u>miles</u>

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
<u>CP103</u>	<u>50/40 P02</u>		<u>7.5-SK</u>		<u>\$ 900.00</u>
<u>CP104</u>	<u>50/50 P02</u>		<u>150-SK</u>		<u>\$ 16500.00</u>
<u>CC102</u>	<u>cell Flake</u>		<u>37-16</u>		<u>\$ 136.90</u>
<u>CC109</u>	<u>calcium chloride</u>		<u>252-16</u>		<u>\$ 264.00</u>
<u>CC113</u>	<u>cal-set</u>		<u>750-15</u>		<u>\$ 562.50</u>
<u>CC129</u>	<u>FIA-322</u>		<u>121-16</u>		<u>\$ 607.50</u>
<u>CC200</u>	<u>Cement Gel</u>		<u>252-16</u>		<u>\$ 63.00</u>
<u>CC201</u>	<u>C. Granite</u>		<u>1125-16</u>		<u>\$ 753.75</u>
<u>FF607</u>	<u>Latch down Plug + BA 4/10 5/2 Blue</u>		<u>1-01</u>		<u>\$ 400.00</u>
<u>FF1231</u>	<u>Auto f. 11 Float Shoe 5/2 Blue</u>		<u>1-01</u>		<u>\$ 360.00</u>
<u>FF1651</u>	<u>TURBOLAS 200 5/2 Blue</u>		<u>2-01</u>		<u>\$ 800.00</u>
<u>709</u>	<u>CS-16 KCL 50lb</u>		<u>11-50</u>		<u>\$ 150.00</u>
<u>CL35</u>	<u>Super Flush II</u>		<u>500-gal</u>		<u>\$ 260.00</u>

SUB TOTAL DL5

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]

FIELD SERVICE ORDER NO. _____

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



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 02271 A

DATE TICKET NO. 02271A

DATE OF JOB <u>8-31-10</u> DISTRICT <u>KANSAS</u>		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 <u>Samuel Gray 30.2 ASSE. 2 WC</u>		LEASE <u>HOELSCHEER Farms 1-4 WELL NO.</u>								
ADDRESS		COUNTY <u>Rice</u> 4-18-10 STATE <u>Kans.</u>								
CITY STATE		SERVICE CREW <u>A. Weibel, J. Wilson, T. ...</u>								
AUTHORIZED BY		JOB TYPE <u>5 1/2 L.S.</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>23443</u>	<u>1</u>						<u>8-31-10</u>			<u>6:00</u>
<u>25702</u>	<u>1</u>						<u>8-31-10</u>			<u>9:30</u>
<u>14959</u>	<u>1</u>						<u>8-31-10</u>			<u>2:30</u>
							<u>8-31-10</u>			<u>3:30</u>
							<u>8-31-10</u>			<u>4:30</u>
						MILES FROM STATION TO WELL <u>25 miles</u>				

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
E100	unit mileage charge Pickup		75 mi.		\$ 217.50
E101	Heavy Equip mileage		150 mi.		\$ 450.00
E113	Bulk Delivery Chg.		7 lbs - Tar		\$ 1146.00
CE204	Depth Charge 3501-4000'		1-4 hrs		\$ 2160.00
CE200	Bleeding & mixing Service chg.		225 SK		\$ 315.00
CE501	Casing spool Rental		1 SA		\$ 300.00
CE501	Plug compound wt. 2.200 lbs chg.		1-30 lb		\$ 250.00
5003	Service Super 2000 1st 8 hrs of 100		1-00		\$ 175.00

SUB TOTAL

CHEMICAL / ACID DATA			

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

TOTAL

9708.70

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY [Signature]

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

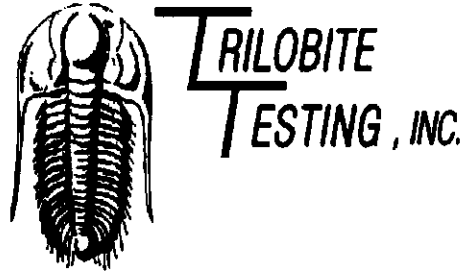
Customer Samuel Gary Jr. & Assoc. Inc.	Lease No. 1-4	Date 8-31-10
Lease Hoelscher Farms	Well # 1-4	
Field Order # 02270A	Station Pratt	Casing 5/8"
Type Job 5/8" L.S.	Formation C.M.W.	Depth 3378'
		County Rice
		State K.M.S.
		Legal Description 9-18-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5/8"				12-881 super	Flush		
Depth 3378'	Depth	From	To	Pre Pad 20 SKs 60-40	Max	600	5 Min.
Volume 1760'	Volume	From	To	Pad 120 SKs 50/50	Min	13.0	10 Min.
Max Press 1500#	Max Press	From	To	Frac 30 SKs Plug	Avg	1200	15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 3335'	Packer Depth	From	To	Flush Disp 2% KCL	Gas Volume		Total Load

Customer Representative Matt Strube	Station Manager Scotty	Treater Allen F. Wright
--	---------------------------	----------------------------

Service Units 28443	33208	70920	19959	21210				
Driver James	A. Worth	Joe	McLain	Terry	Whitman			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:20 AM					arr loc. Discuss Safety, Setup, Plan Job
					Rig laying down Drill Collars
8:10					out of Hole lay down Kelly
					Rig up To Run 5/8" casing. 15.5'
1:00					Start 5/8 casing shoe joint 22.5'
					w/ Auto Fill Float shoe latch
					Down Baffle in collar
					Cont-1-3-5-7-9-11-13-15'
2:45 PM					TAG TD @ 3359' - Hook up + CIR
					+ Rotate Pipe (wait on water Tek)
3:35	1500"		13	5	Pump 12 Bbls super flush
				5	Pump 5 Bbls H ₂ O
			9	5	Mix + pump 25 SKs w/ 40 scavenger
				5	Mix + pump 150 SKs Top Super @ 13.8'
			41		Flush mix - wash out Pump then
4:00				6	Drop Latch Down Plug, start disp
				5	caught lift PST 50 Bbls out
4:15	1500"		79	3	Plug closed
	0#				Release PST OK
					Plug RH + MH w/ 50 SKs @ 40
					Job complete
4:30					Thank you Allen Joe Terry



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates, Inc**

1515 Wynkoop
Ste 700

ATTN: Tom Fertal

4-18s-10w

Hoelscer Farms #1-4

Start Date: 2010.08.29 @ 13:13:20

End Date: 2010.08.29 @ 20:39:20

Job Ticket #: 35809 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Samuel Gary Jr & Associates, Inc

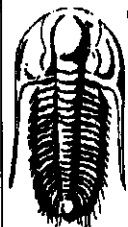
Hoelscer Farms #1-4

4-18s-10w

DST # 1

Lower Lansing

2010.08.29



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc

Hoelscher Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 35809

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.08.29 @ 13:13:20

GENERAL INFORMATION:

Formation: **Lower Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:45:20

Time Test Ended: 20:39:20

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3124.00 ft (KB) To 3230.00 ft (KB) (TVD)

Reference Elevations: 1802.00 ft (KB)

Total Depth: 3230.00 ft (KB) (TVD)

1792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8321 Inside

Press@RunDepth: 76.42 psig @ 3127.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.29

End Date:

2010.08.29

Last Calib.: 2010.08.29

Start Time: 13:13:21

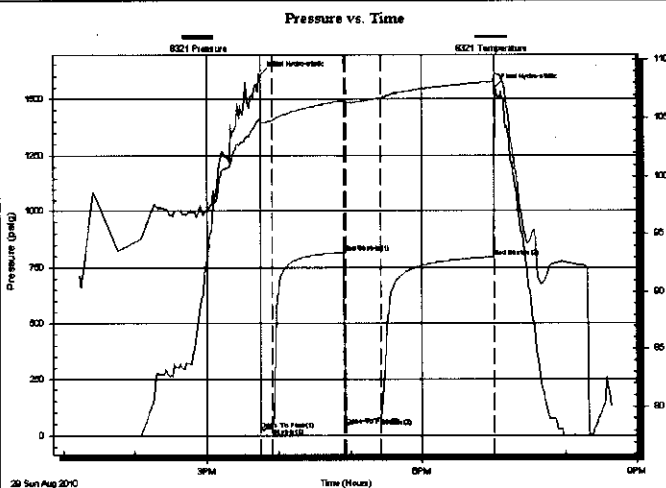
End Time:

20:39:20

Time On Btm: 2010.08.29 @ 15:44:50

Time Off Btm: 2010.08.29 @ 19:01:20

TEST COMMENT: FFP-Strong blow BOB in 2 1/2 min
ISI-Dead no blow back
FFP-Strong blow BOB in 45 sec
FSI-Weak blow back built to 2 in Died back to 1/4 in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.59	104.96	Initial Hydro-static
1	26.97	104.66	Open To Flow (1)
10	34.86	104.80	Shut-in(1)
70	818.43	106.51	End Shut-in(1)
71	42.98	106.32	Open To Flow (2)
100	76.42	106.71	Shut-in(2)
195	797.29	108.16	End Shut-in(2)
197	1551.27	108.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
173.00	OCWGM5%M5%W35%G55%O	2.43
0.00	1825 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc

Hoelscer Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 35809

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.08.29 @ 13:13:20

GENERAL INFORMATION:

Formation: **Lower Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:45:20

Time Test Ended: 20:39:20

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: **3124.00 ft (KB) To 3230.00 ft (KB) (TVD)**

Total Depth: 3230.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1802.00 ft (KB)

1792.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8672 Outside

Press@RunDepth: psig @ 3127.00 ft (KB)

Start Date: 2010.08.29

End Date:

2010.08.29

Start Time: 13:13:59

End Time:

20:39:28

Capacity: 8000.00 psig

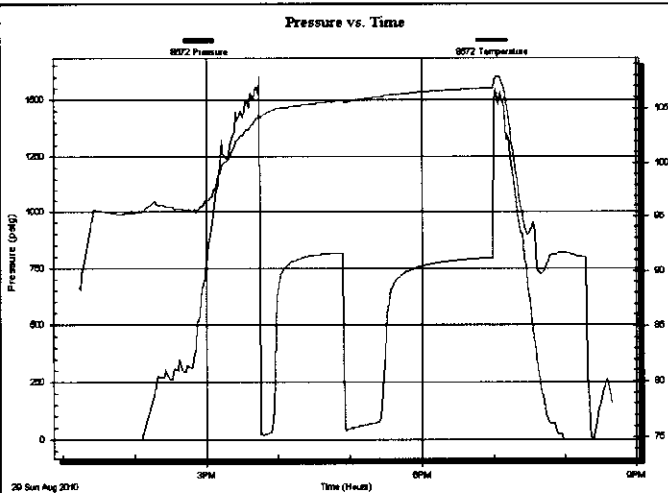
Last Calib.:

2010.08.29

Time On Btm:

Time Off Btm:

TEST COMMENT: FFP-Strong blow BOB in 2 1/2 min
ISL-Dead no blow back
FFP-Strong blow BOB in 45 sec
FSI-Weak blow back built to 2 in Died back to 1/4 in



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volumes (bbl)
173.00	OCWGM5%M5%W35%G55%O	2.43
0.00	1825 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates, Inc

Hoelscher Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 35809

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.08.29 @ 13:13:20

Tool Information

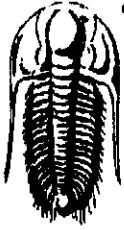
Drill Pipe:	Length: 3103.00 ft	Diameter: 3.80 inches	Volume: 43.53 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			Total Volume: 43.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 29000.00 lb
Depth to Top Packer:	3124.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	106.00 ft			
Tool Length:	134.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3097.00	
Shut In Tool	5.00			3102.00	
Hydraulic tool	5.00			3107.00	
Jars	5.00			3112.00	
Safety Joint	3.00			3115.00	
Packer	4.00			3119.00	28.00 Bottom Of Top Packer
Packer	5.00			3124.00	
Stubb	1.00			3125.00	
Perforations	2.00			3127.00	
Recorder	0.00	8321	Inside	3127.00	
Recorder	0.00	8672	Outside	3127.00	
Change Over Sub	1.00			3128.00	
Drill Pipe	93.00			3221.00	
Change Over Sub	1.00			3222.00	
Perforations	5.00			3227.00	
Bullnose	3.00			3230.00	106.00 Bottom Packers & Anchor
Total Tool Length:	134.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc

Hoelscer Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 35809

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.08.29 @ 13:13:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/l

Cushion Volume:

bbl

Water Loss: 12.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
173.00	OCWGM5%M5%W35%G55%O	2.427
0.00	1825 GIP	0.000

Total Length: 173.00 ft Total Volume: 2.427 bbl

Num Fluid Samples: 0

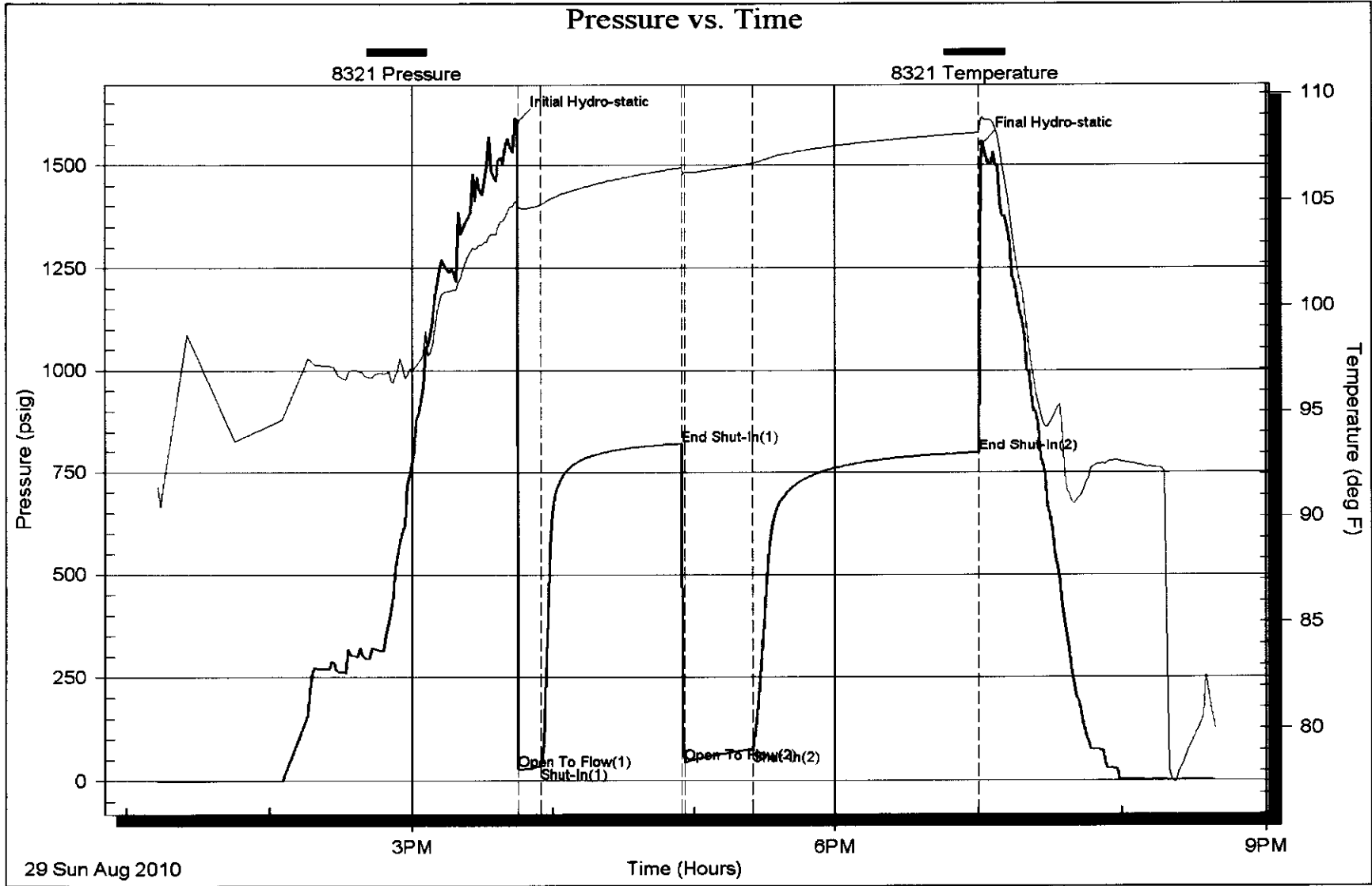
Num Gas Bombs: 0

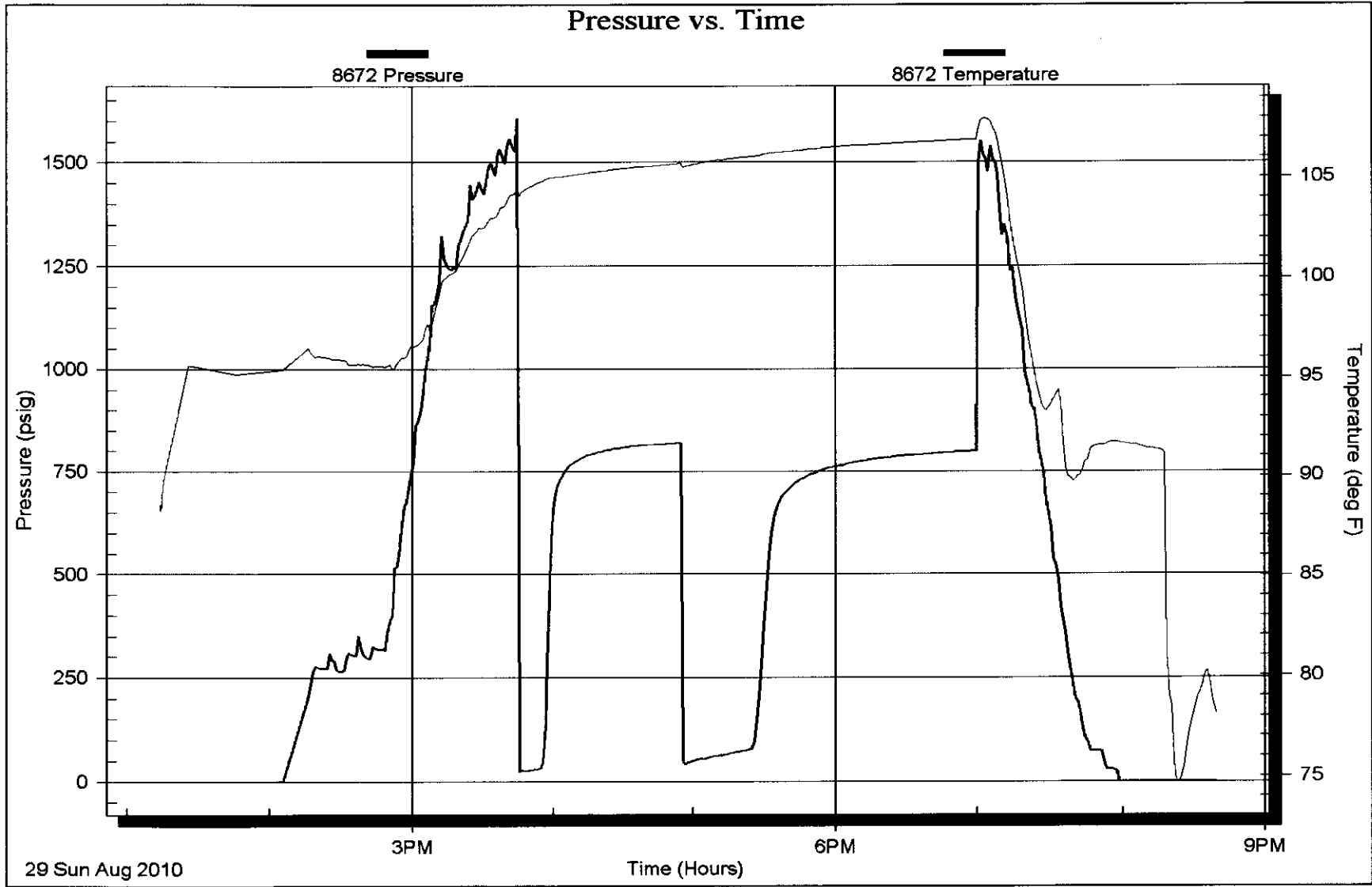
Serial #:

Laboratory Name:

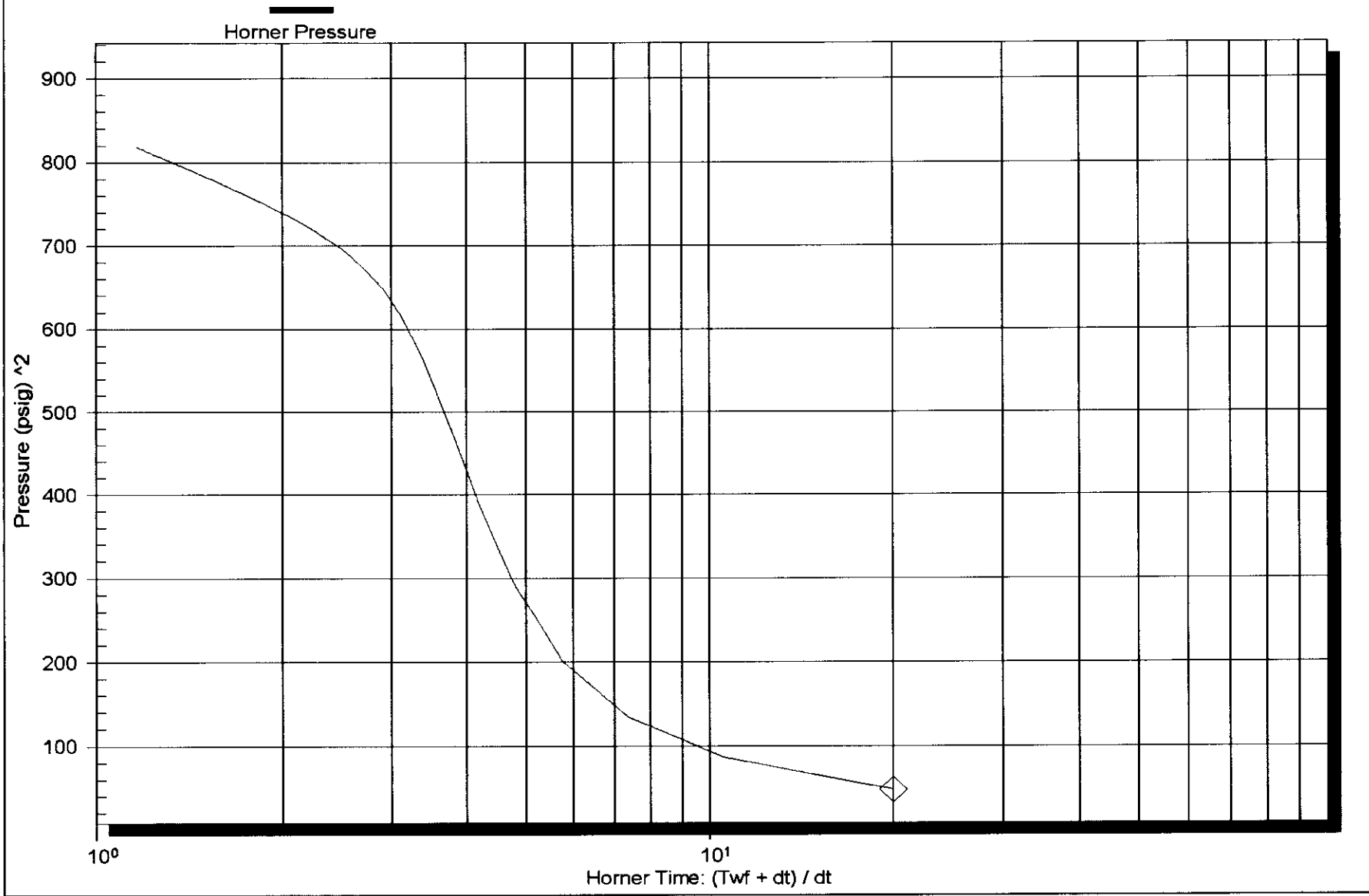
Laboratory Location:

Recovery Comments:





Horner Plot



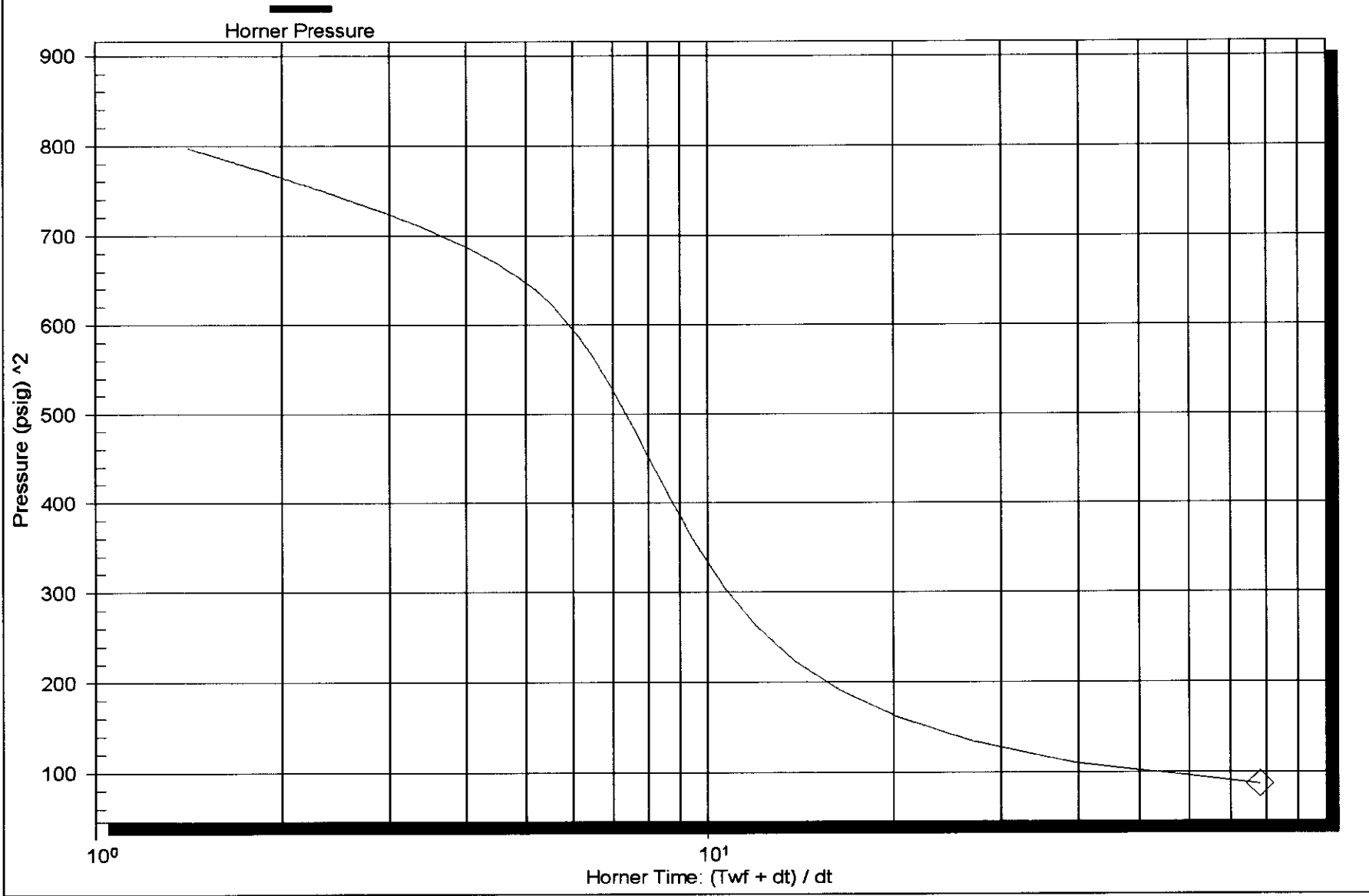
Serial Number: 8321 (Inside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot



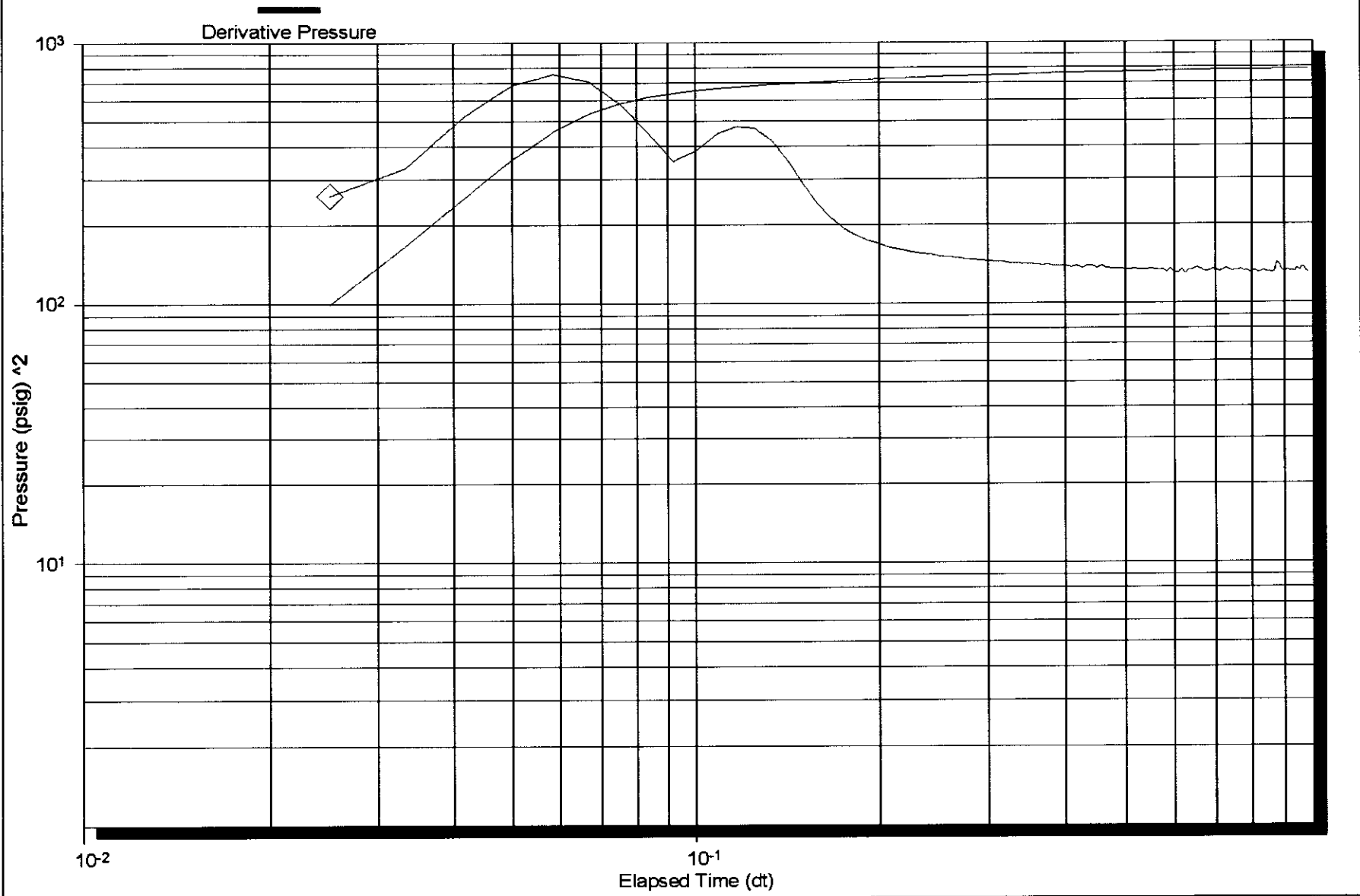
Serial Number: 8321 (Inside)

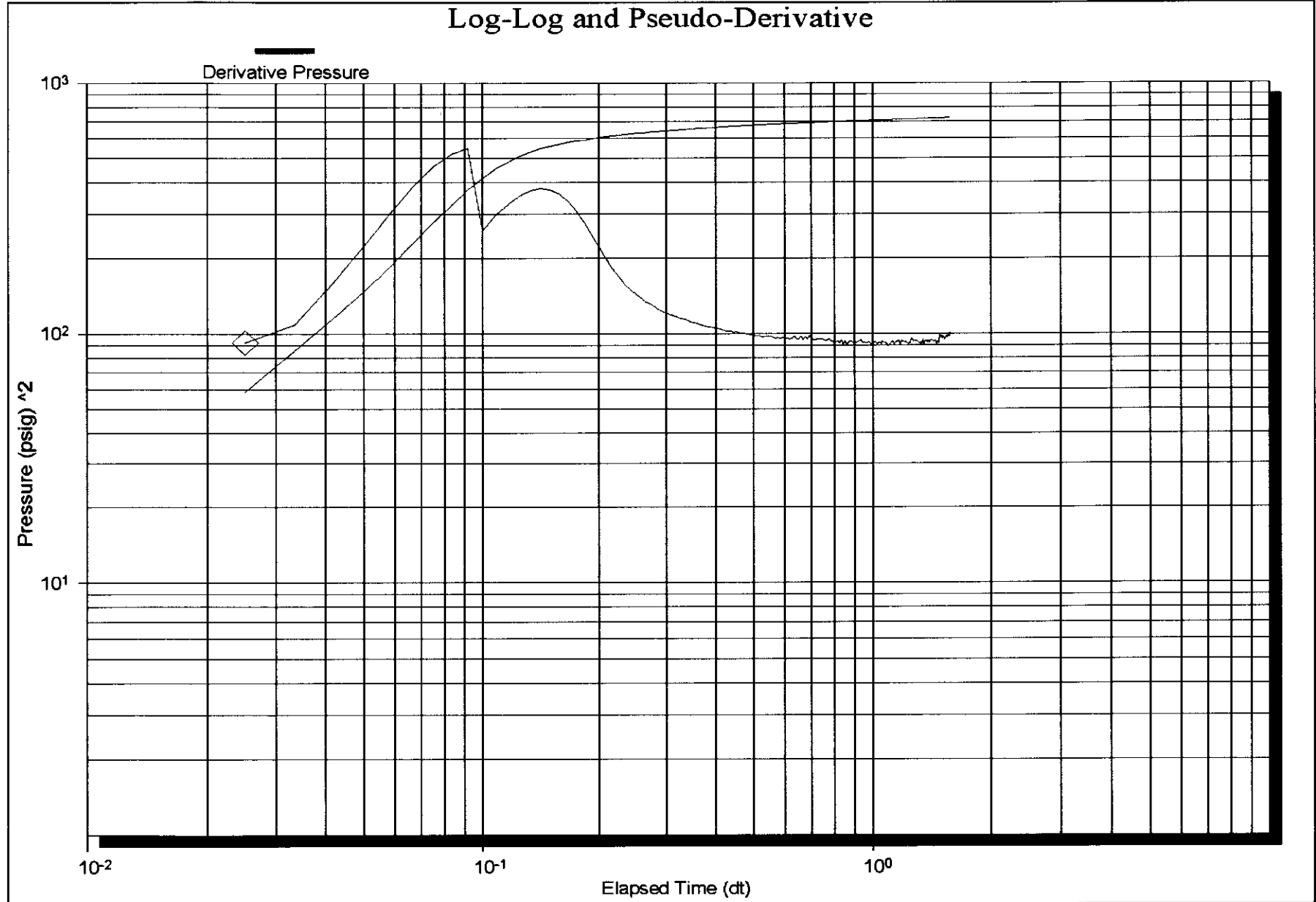
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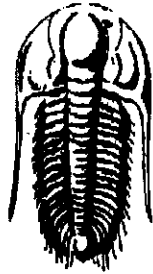
Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates, Inc**

1515 Wynkoop
Ste 700

ATTN: Tom Fertal

4-18s-10w

Hoelscer Farms #1-4

Start Date: 2010.08.30 @ 06:55:53

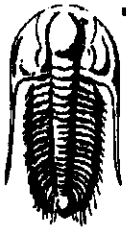
End Date: 2010.08.30 @ 12:36:53

Job Ticket #: 38510 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

Samuel Gary Jr & Associates, Inc

Hoelscher Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 38510

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.08.30 @ 06:55:53

GENERAL INFORMATION:

Formation: **Arbucle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:34:23

Time Test Ended: 12:36:53

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 3257.00 ft (KB) To 3272.00 ft (KB) (TVD)

Reference Elevations: 1802.00 ft (KB)

Total Depth: 3230.00 ft (KB) (TVD)

1792.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8321 Inside

Press@RunDepth: 20.29 psig @ 3259.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.08.30

End Date: 2010.08.30

Last Calib.: 2010.08.30

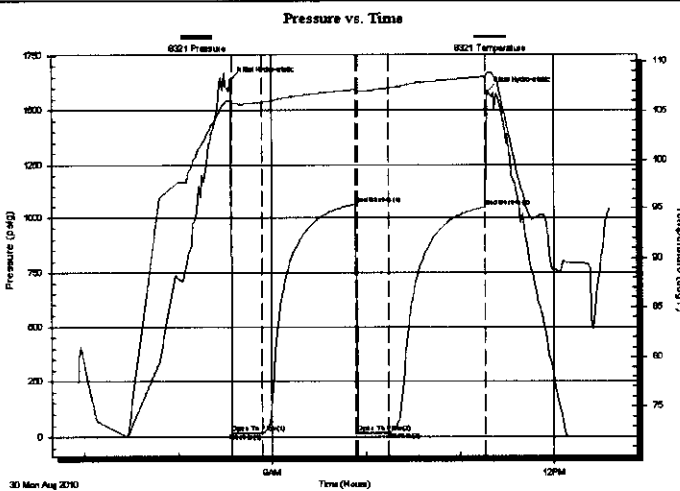
Start Time: 06:55:54

End Time: 12:36:53

Time On Btm: 2010.08.30 @ 08:33:53

Time Off Btm: 2010.08.30 @ 11:17:53

TEST COMMENT: FFP-Weak surface blow built to 1/8 in
ISI-Dead no blow back
FFP-Weak surfac blow died in 12 min
FSI-Dead no blow back



PRESSURE SUMMARY

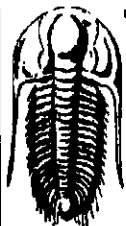
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.65	106.07	Initial Hydro-static
1	17.67	105.75	Open To Flow (1)
20	17.57	105.86	Shut-In(1)
80	1062.87	107.18	End Shut-In(1)
81	19.14	106.95	Open To Flow (2)
101	20.29	107.33	Shut-In(2)
163	1048.42	108.41	End Shut-In(2)
164	1586.51	108.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free Oil	0.03
5.00	VSOCM	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc

Hoelscher Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 38510

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.08.30 @ 06:55:53

GENERAL INFORMATION:

Formation: **Arbucle**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 08:34:23

Time Test Ended: 12:36:53

Test Type: **Conventional Bottom Hole**

Tester: **Jeff Brown**

Unit No: **44**

Interval: **3257.00 ft (KB) To 3272.00 ft (KB) (TVD)**

Reference Elevations: **1802.00 ft (KB)**

Total Depth: **3230.00 ft (KB) (TVD)**

1792.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GR/CF: 10.00 ft

Serial #: 8672 **Outside**

Press@RunDepth: **psig @ 3259.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.08.30**

End Date:

2010.08.30

Last Calib.:

2010.08.30

Start Time: **06:55:36**

End Time:

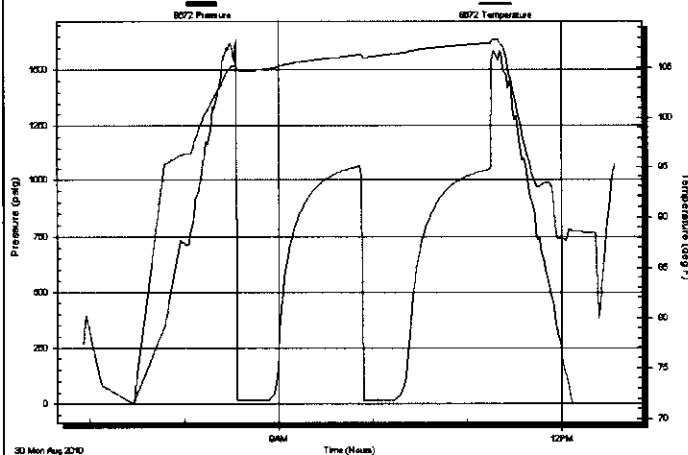
12:35:35

Time On Btm:

Time Off Btm:

TEST COMMENT: FFP-Weak surface blow built to 1/8 in
ISI-Dead no blow back
FFP-Weak surfac blow died in 12 min
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

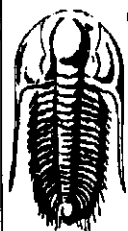
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free Oil	0.03
5.00	VSOCM	0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates, Inc

Hoelscher Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 38510

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.08.30 @ 06:55:53

Tool Information

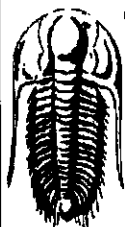
Drill Pipe:	Length: 3259.00 ft	Diameter: 3.80 inches	Volume: 45.72 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 39000.00 lb
			<u>Total Volume: 45.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3257.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3230.00	
Shut In Tool	5.00			3235.00	
Hydraulic tool	5.00			3240.00	
Jars	5.00			3245.00	
Safety Joint	3.00			3248.00	
Packer	4.00			3252.00	28.00 Bottom Of Top Packer
Packer	5.00			3257.00	
Stubb	1.00			3258.00	
Perforations	1.00			3259.00	
Recorder	0.00	8321	Inside	3259.00	
Recorder	0.00	8672	Outside	3259.00	
Perforations	10.00			3269.00	
Bullnose	3.00			3272.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc

Hoelscer Farms #1-4

1515 Wynkoop
Ste 700

4-18s-10w

Job Ticket: 38510

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.08.30 @ 06:55:53

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/l

Cushion Volume:

bbbl

Water Loss: 12.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2.00	Free Oil	0.028
5.00	VSOCM	0.070

Total Length: 7.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

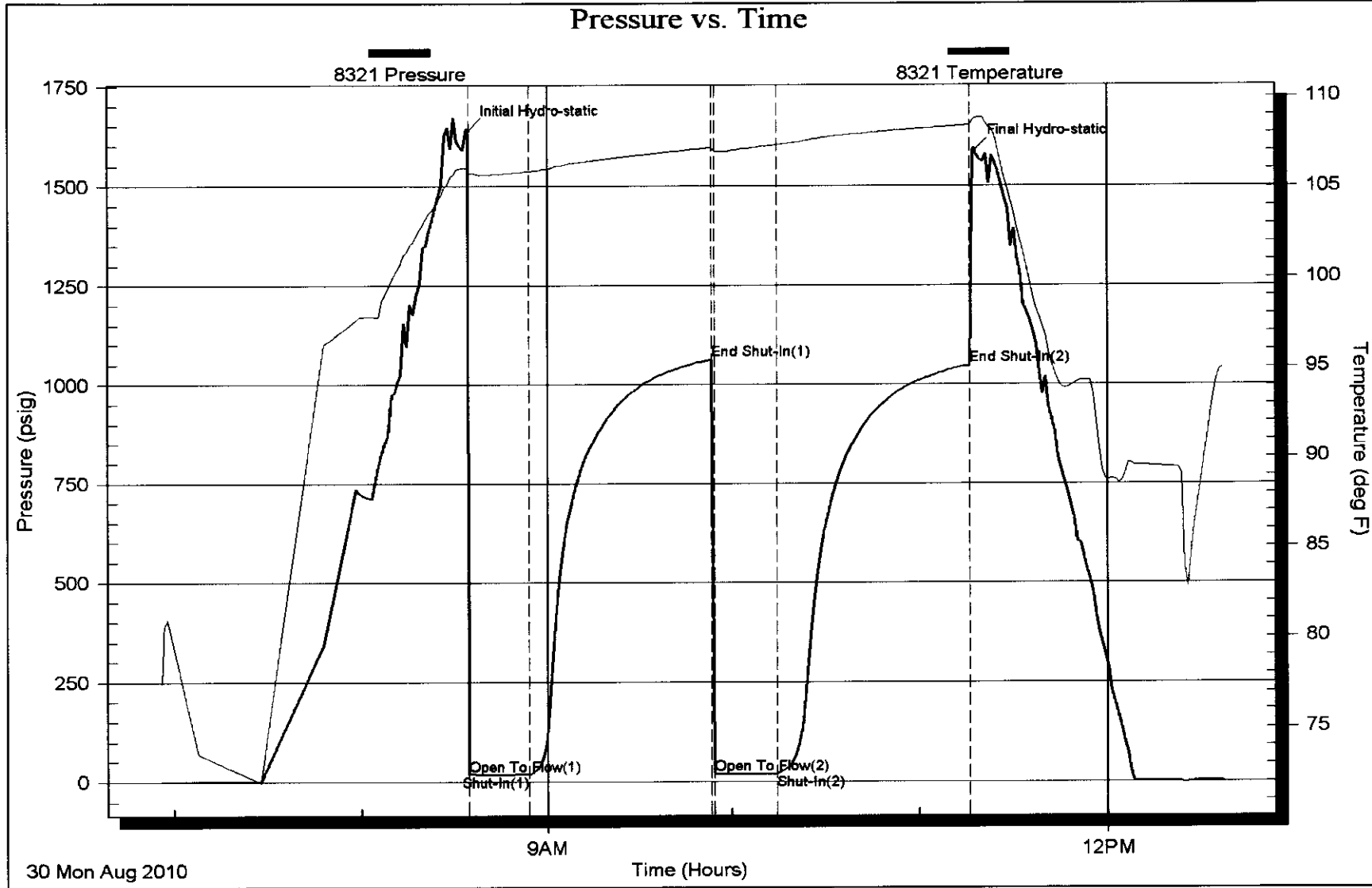
Num Gas Bombs: 0

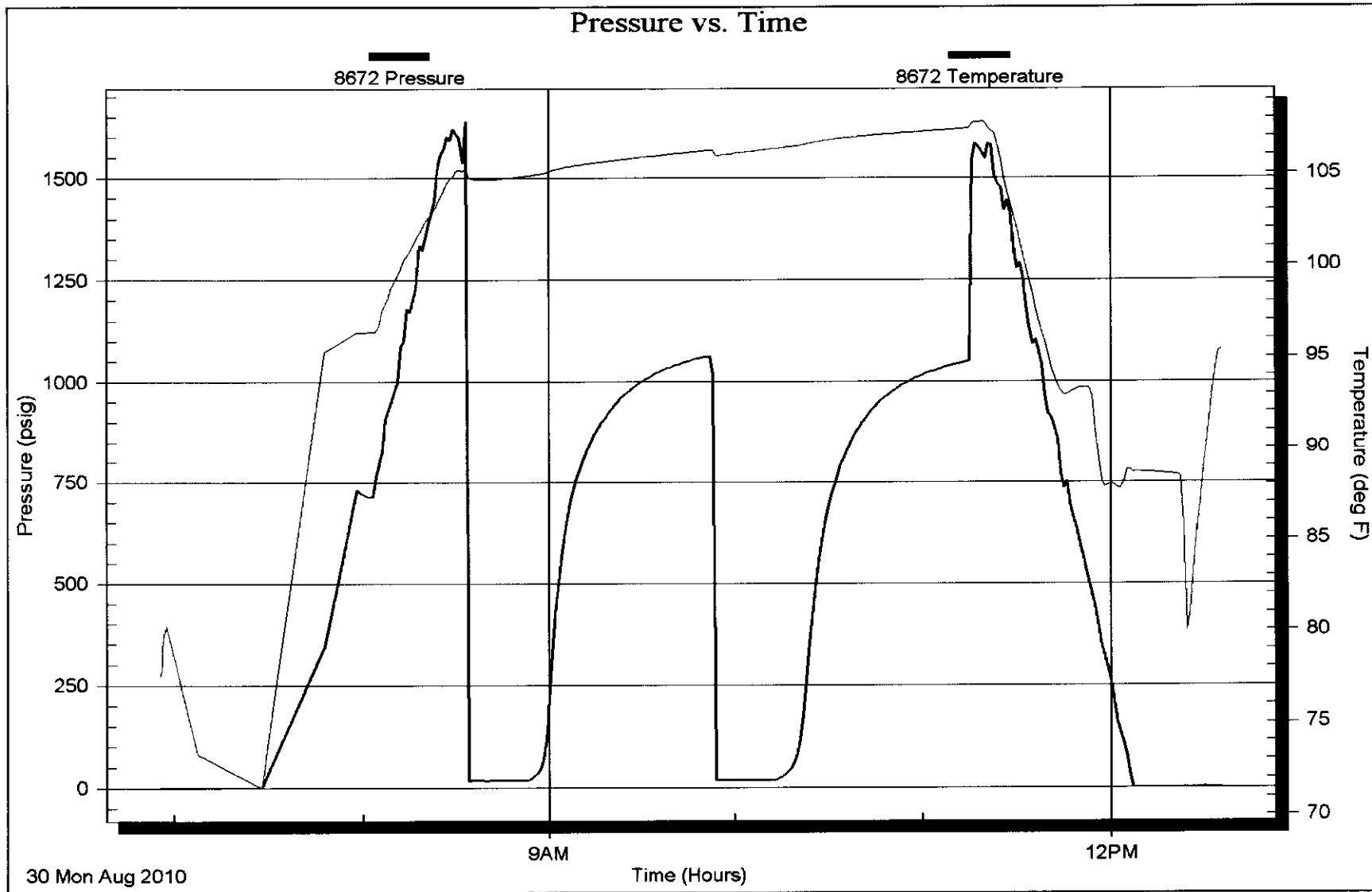
Serial #:

Laboratory Name:

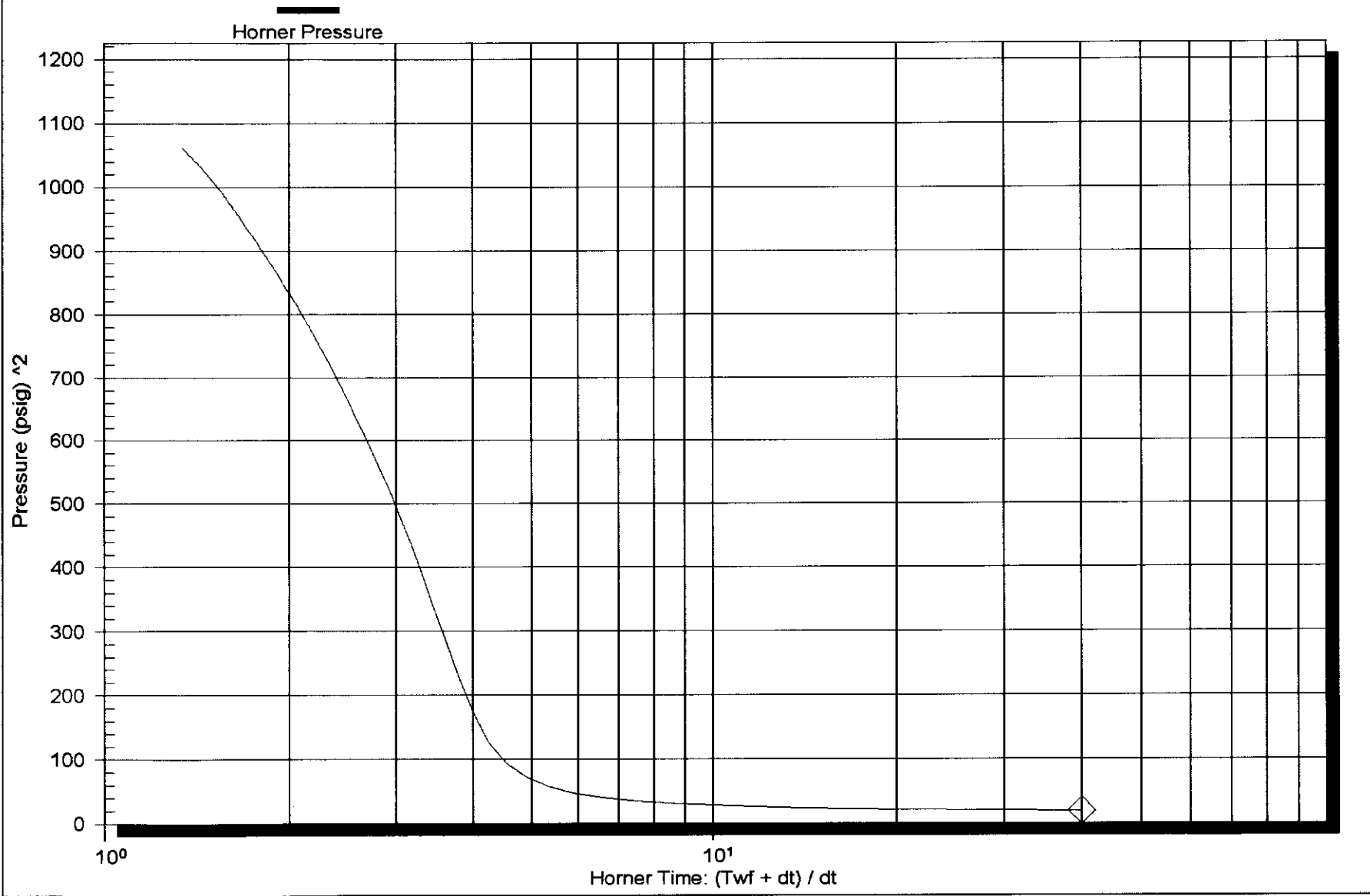
Laboratory Location:

Recovery Comments:

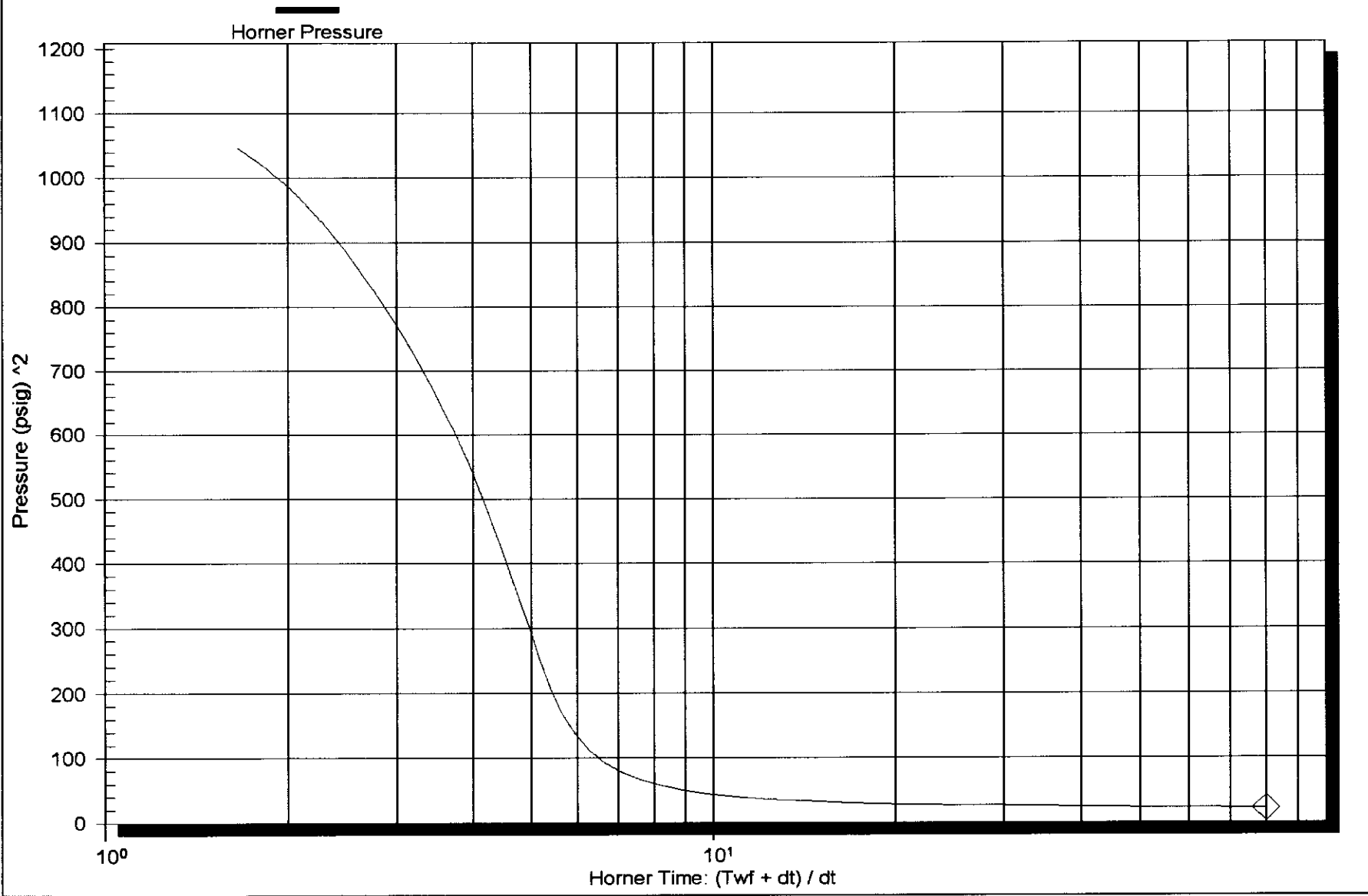




Horner Plot



Horner Plot



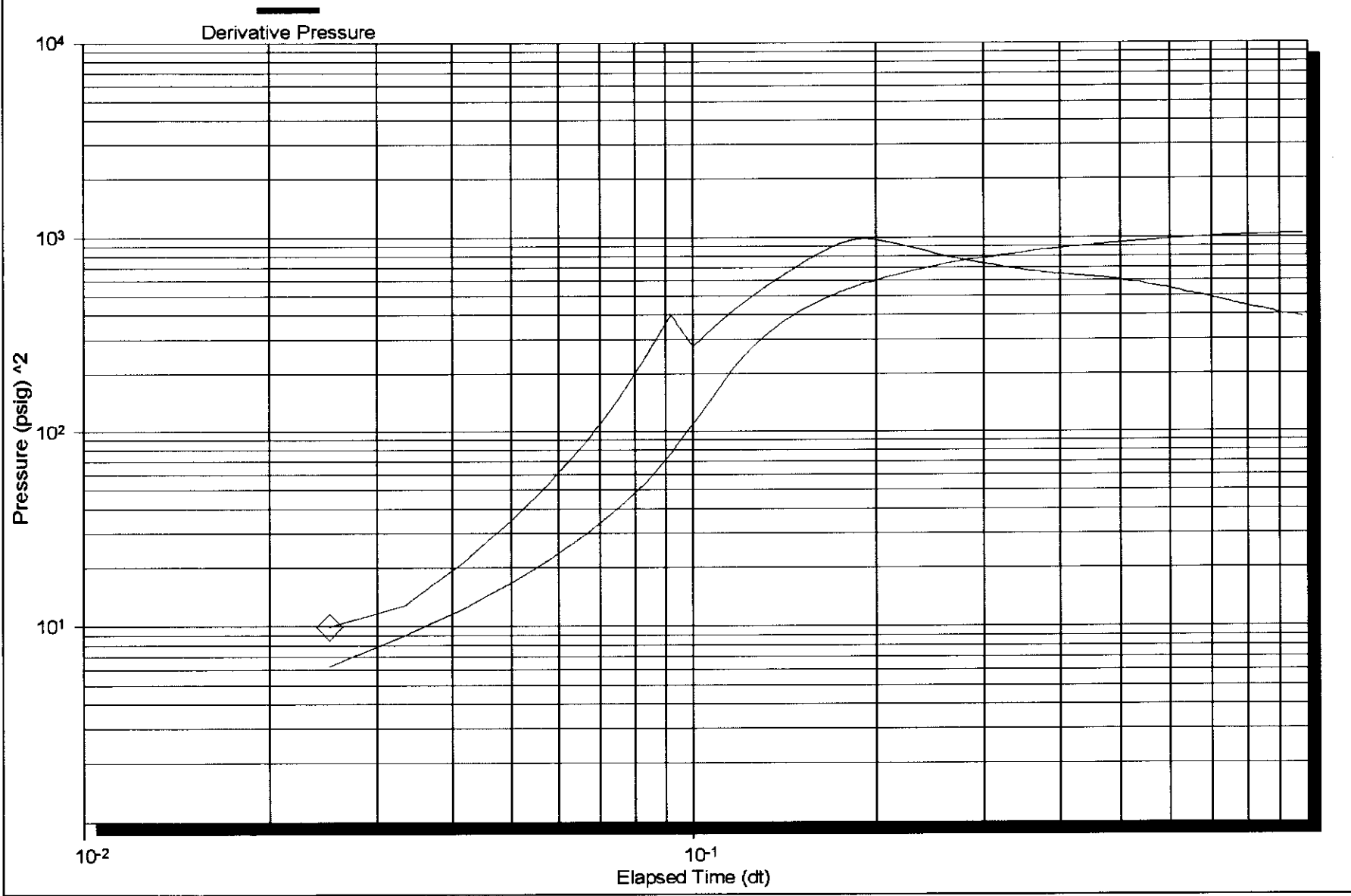
Serial Number: 8321 (Inside)

P* :

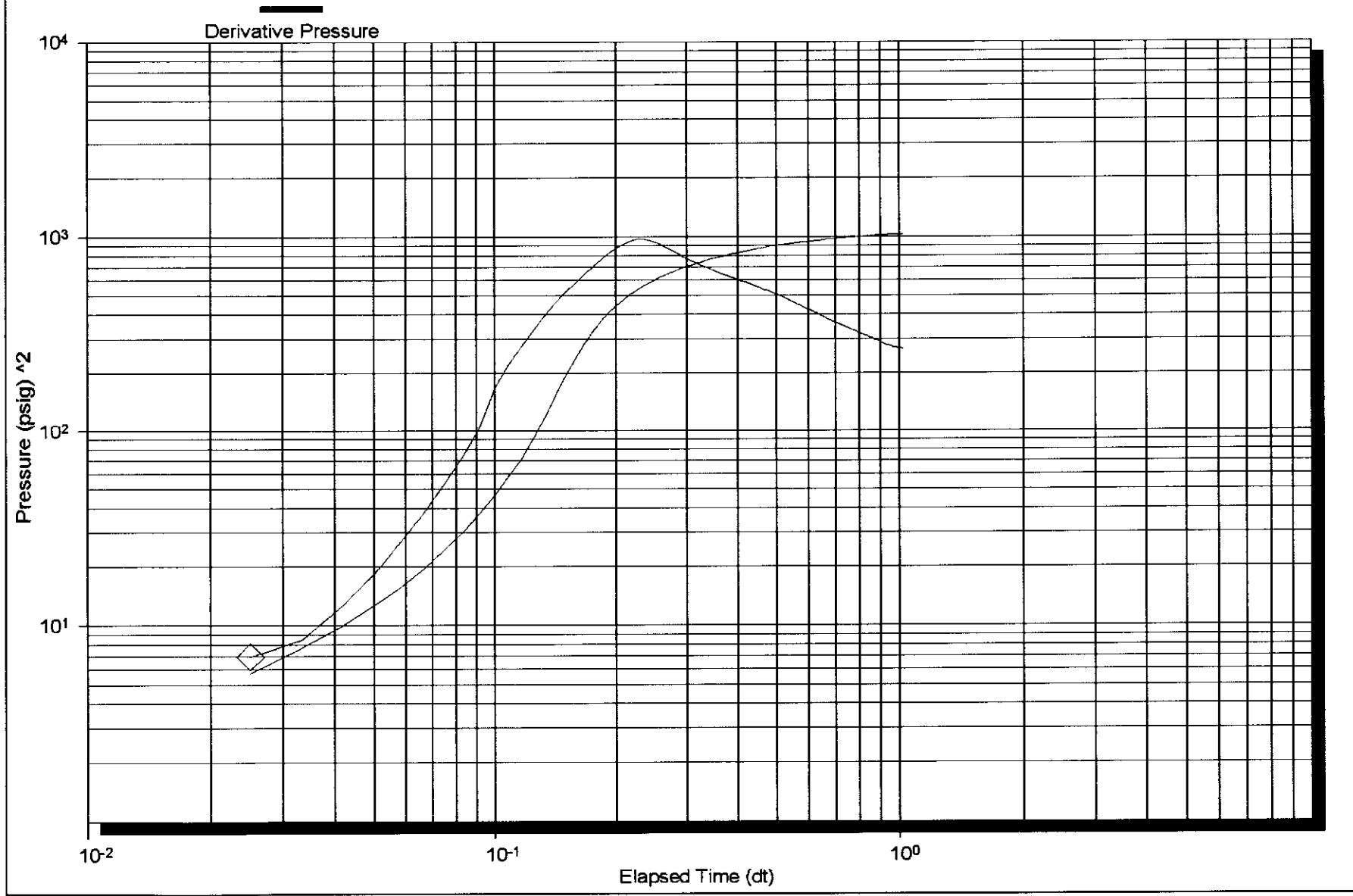
Slope (m) : kpa/log cycle

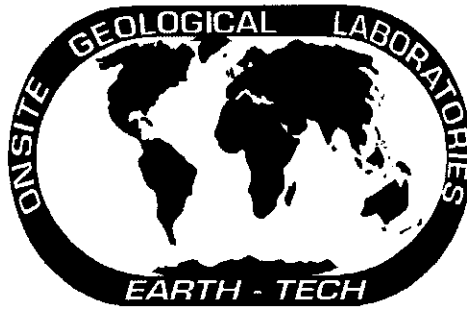
Flow Cycle: 2

Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





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

Well Name: HOLESCHER FARMS 1-4
Location: SEC 4, T18 S, R10W, RICE COUNTY, KANSAS
License Number: 15-159-22618-00-00
Spud Date: 08/25/2010
Surface Coordinates: 2030' FNL & 2040' FEL
Region: Wildcat
Drilling Completed:

Bottom Hole
Coordinates:
Ground Elevation (ft): 1792" K.B. Elevation (ft): 1802"
Logged Interval (ft): 2248' To: Total Depth (ft):
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 Wykoop, Ste. # 700
Denver, Colo. 80202
Geo: Tom Fertal

GEOLOGIST

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

Circulating Report

START ONE MANNED UNIT 08/28/2010
CFS/CTCH 2938'20,40,60 SHORT TRIP TO CASING
CTCH 1HR

DST's Report

DST's Report

ROCK TYPES

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

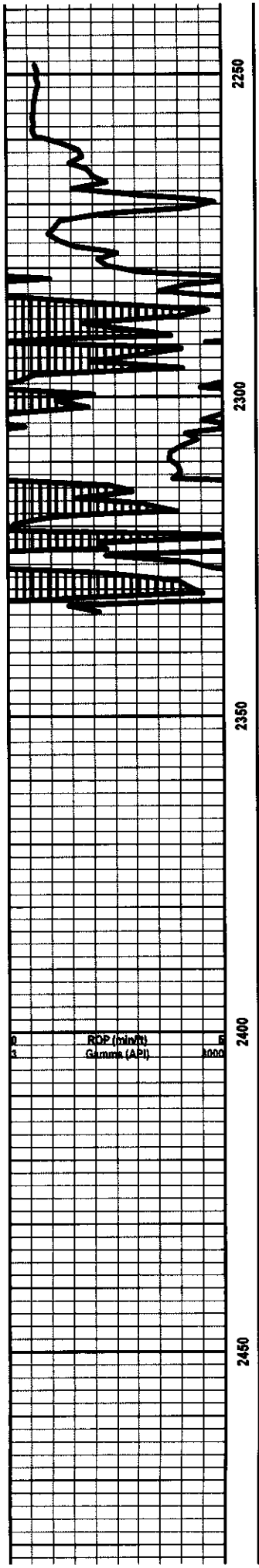
ACCESSORIES

MINERAL	Salt	Fossil	Clystn
Anhy	Sandy	Gastro	Dol
Arggrn	Silt	Oolite	Grysh
Arg	Sll	Ostra	Gryslt
Bent	Sulphur	Pelec	Lms
Bit	Tuff	Pellet	Sandylms
Brecfrag	Chlorite	Pisolite	Sh
Calc	Dol	Plant	Sltstn
Carb	Sand	Strom	
Chtdk	Sity	Fuss	TEXTURE
Chtlt		Oomold	Boundst
Dol	FOSSIL		Chalky
Feldspar	Algae	STRINGER	Cryxin
Ferrpel	Amph	Anhy	Earthy
Ferr	Belm	Arg	Finexln
Glau	Blcclst	Bent	Grainst
Gyp	Brach	Coal	Lithogr
Hvymin	Bryozoa	Dol	Microxin
Kaol	Cephal	Gyp	Mudst
Marl	Coral	Ls	Packst
Minxl	Crin	Mrst	Wackest
Nodule	Echin	Sltstng	
Phos	Fish	Ssstng	
Pyr	Foram	Carbsh	

OTHER SYMBOLS

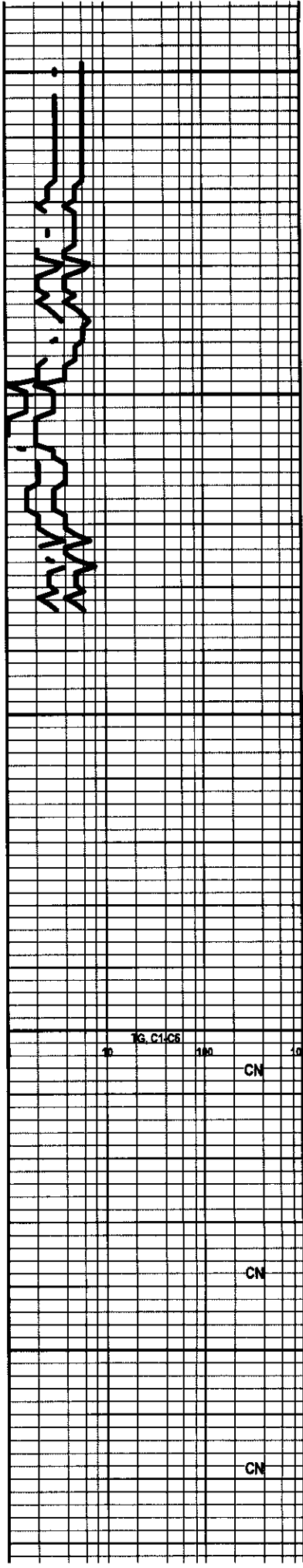
POROSITY TYPE	SORTING	Angular	INTERVALS
Earthy	Well	OIL SHOWS	Core
Fenest	Moderate	Even	Dst
Fracture	Poor	Spotted	Dst
Inter	ROUNDING	Ques	EVENTS
Moldic	Rounded	Dead	Rft
Organic	Subrnd	Gas show	Sidewall
Pinpoint	Subang		
Vuggy			

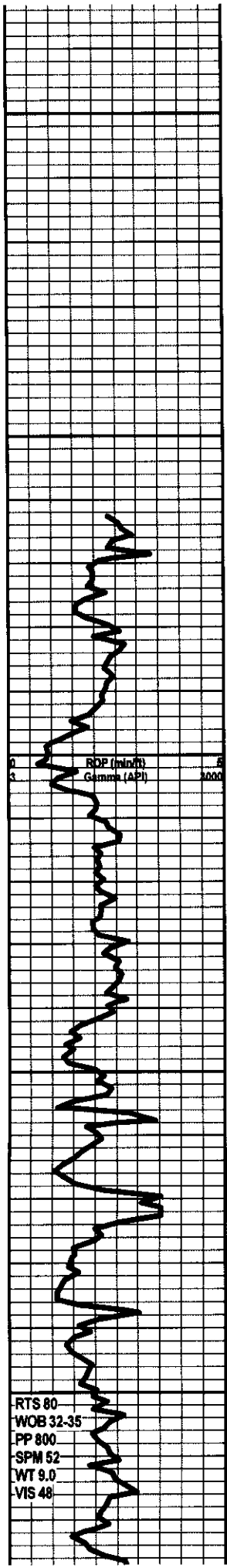
Curve Track 1 ROP (min/ft) _____ Gamma (API) -----		Depth Lithology Oil Shows	Geological Descriptions	TG, C1-C5 TG (units) _____ C1 (units) _____ C3 (units) C4 (units) C5 (units)	
ROP (min/ft) _____ Gamma (API) -----				TG, C1-C5 _____	
DRILLING CONTRACTOR SOUTHWIND #1		START ONE MANED UNIT 08/27/2010		DRILLING CONTRACTOR SOUTHWIND #1	



RIGGED UP TRAILER AT 2248'

FOOT MARKER NOT WORKING PROPERLY





2500

2550

2600

2650

2700

F

F

F

F

F

F

F

F

RTS 80
WOB 32-35
PP 800
SPM 52
WT 9.0
VIS 48

FOOT MARKER FIXED 2562'

LS LT GRAY TN LT TN BUFF HD TO FRM BRITT VVFN TO FN
XLN MTX MD EXLN MTX IP RE-XLN MTX IMBD FOSS
SUB-CHLKY IP SCATT LT YLW TO DULL YLW FLO TR PR
TO FAIR INTER XLN POR TO TR POSS FOSS POR IP NO
CUT NO VIS SHOW

LS LT GRAY TN LT TN BUFF MOTT FRM BRITT VVFN TO FN
XLN MTX TR SILST STN IP VVFN GRNS SUB-CHLKY IP TR
IMBD FOSS FRG IP TR SCATT DULL YLW FLO IP TR POOR
INTERXLN POR TO TR MICRO PP POR ON TWO ROCKS NO
CUT NO VIS SHOW

LS DK GRAY TO GRAY DK TN TO TN BUFF MOTT IP HD DN
BRITT CRYPTO TO VVFN TO TR FN XLN MTX NO NO FLO
NO VIS POR NO CUT NO VIS SHOW

LS LT GRAY TN LT TN CRM BUFF MOTT IP FRM BRITT
VVFN TO FN XLN MTX SUCRO TXT TR IMBD LS GRNS IP
SUB-CHLKY TR DISEMINATED PYR IP TR VRY LT YLW
FLO IP TR POOR TO POSS FAIR INTER XLN POR NO CUT
NO VIS SHOW

SH BLK CARB

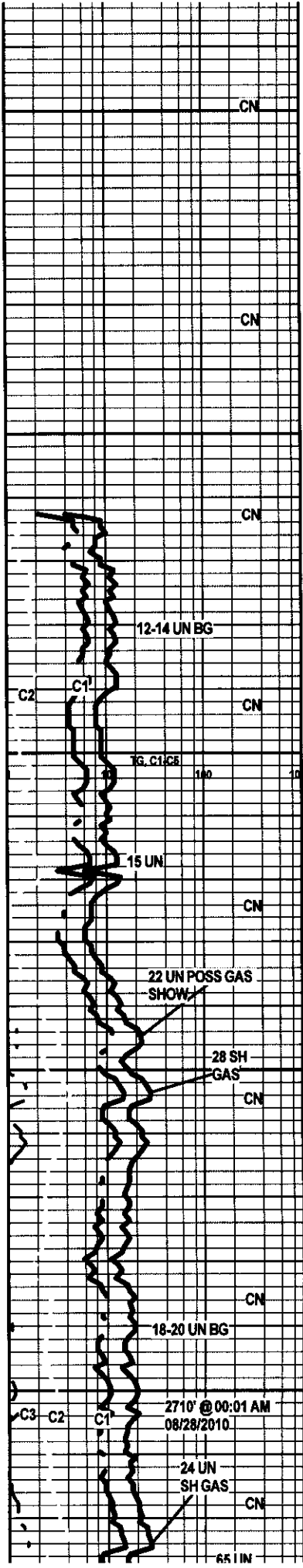
SH GRAY LT GRAY SLTLY FRM SFT TO SILTY LMY IP

LS DK GRAY TO GRAY DK TN HD DN TT CRYPTO XLN MTX
DISS GRAY SH IP NO FLO NO VIS POR NO CUT NO VIS
SHOW

Le Compton 2687' -885'

LS LT TN CRM BUFF VVFN TO FN TR MD XLN MTX TR
IMBD CALC XLS TR IMBD GRAY SH IP TR FN
DISEMINATED PYR IP TR IMBD FOSS IP DULL YWL FLO
IP TR POOR TO FAIR INTERXLN POR IP TO NO POR NO
CUT NO VIS SHOW

LS LT GRAY TN LT TN BUFF HD TO FRM BRITT CRYPTO TO
VVFN TO FN XLN MTX TR IMBD GRAY SH TR LOOSE FOSS
FRG IN TRAY NO FLO NO VIS POR NO VIS SHOW



CN

CN

CN

12-14 UN BG

C2 C1'

15 UN

22 UN POSS GAS SHOW

28 SH GAS

CN

CN

16-20 UN BG

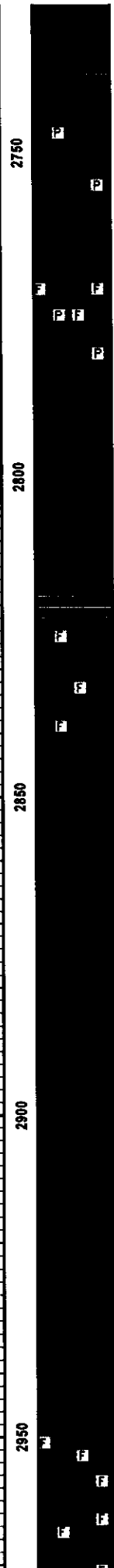
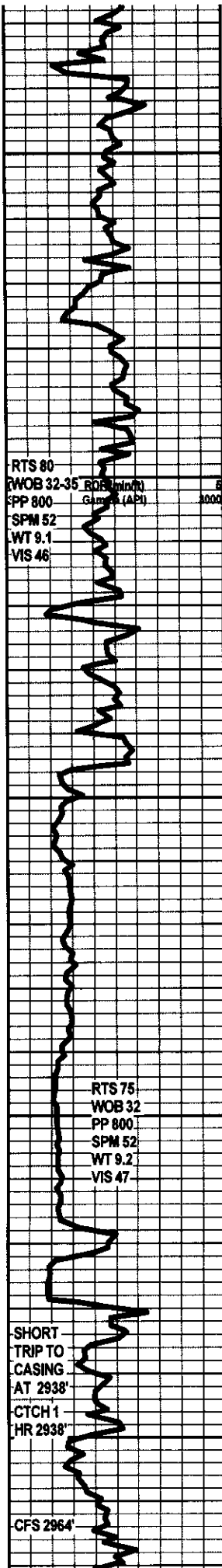
2710' @ 00:01 AM 08/28/2010

C3 C2 C1

24 UN SH GAS

CN

65.1 IN



SH BLK CARB

LS DK GRY TO GRY DK TN HD DN TT CRYPTO XLN MTX TR LT WHT TO OPAQUE CHERT IP TR PYR NODULES IP NO FLO NO VIS POR NO VIS SHOW

LS TN LT TN BUFF FRM BRITT VFN TO FN XLN MTX TR IMBD CALC XLS IP TR LMNTD PYR IP TR IMBD FOSS IP TR DULL LT YLW FLO IP ONLY TR POOR TO FAIR INTER XLN POR NO CUT NO VIS SHOW

LS TN LT TN BUFF HD TOF RM VFN TO FN XLN MTX DISS LT GRY SH IP NO FLO NO VIS POR NO VIS SHOW

Heebner 2819' -1017'

SH BLK CARB

LS DK GRY DK TN T&O TN BUFF IP MOTT HD TO FRM BRITT VFN TO FN TO MD XLN MTX IMBD FOSS TR LOOSE FOSS FRG IN TRAY SUCRO TXT IP TR VFN LS GRNS IMBD TO TR IMBD SM QRTZ XLS IP LT YLW FLO 40% TO TR LT DULL YWL FLO 10% NO STAIN NO ODOR TR POSS TT INTER XLN TO POSS TT INTERXLN POR NO CUT NO VIS SHOW

Douglas 2845' -1043'

SH DK GRY GRY TO REDISH BRN SLTLY FRM BLKY SMOOTH SPLNTY TO SILTY

SH LT GRY SFT TO SILTY MUSHY IP

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

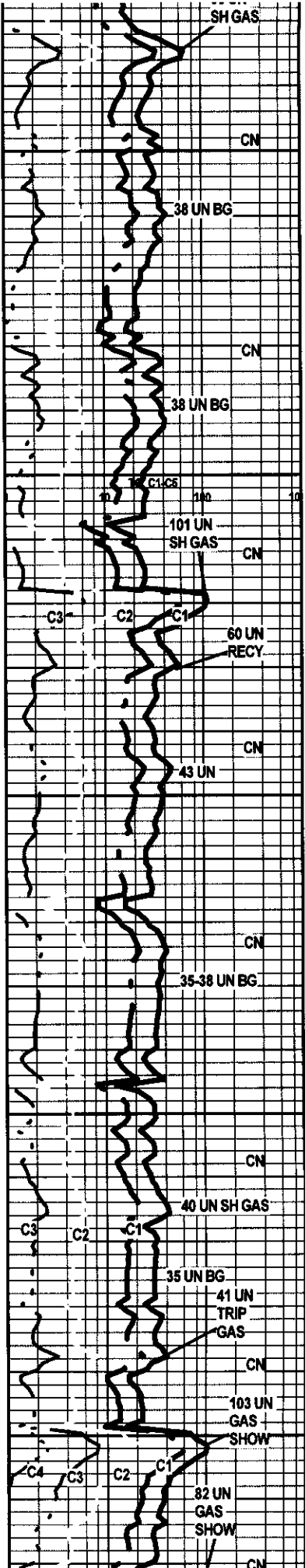
Brown Lime 2930' -1128'

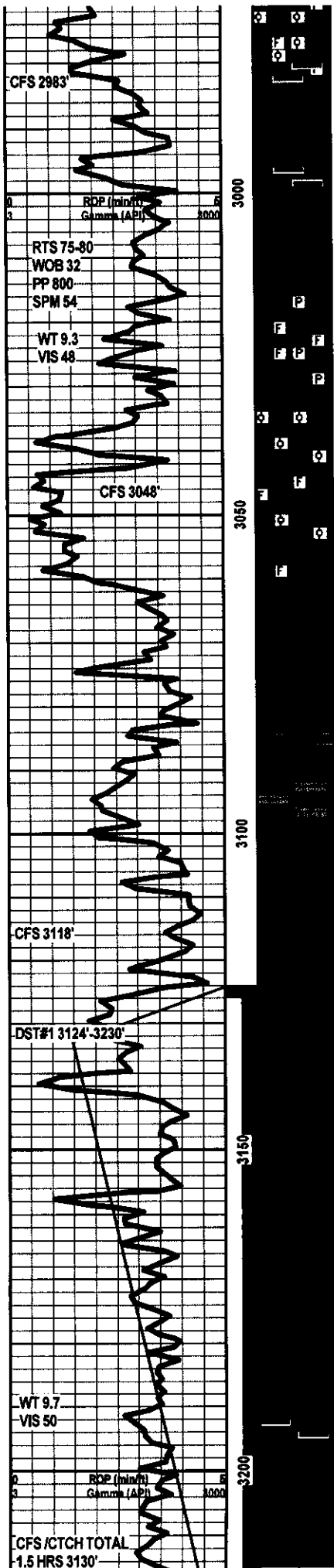
LS GRY LT GRY BRN TO DK TN HD DN CRYPTO TO VFN XLN MTX NO FLO NO VIS POR NO VIS SHOW

LANSING 2947' -1145'

LS TN LT TN CRM BUFF TO OFF WHT HD TO FRM BRITT CRYPTO TO VFN TO FN XLN MTX RE-XLN MTX IP IMBD FOSS IP SUB-CHLKY POSS CHLKY TR IMBD CALC XLS IP POOR TO FAIR PP TO MICRO PP POR TR VUGS IP ONLY TR POOR INTERXLN POR NO ODOR LT YWL TO DULL YLW FLO 60% NO STAIN NO CUT NO VIS SHOW

LS TN LT TN CRM BUFF DK TN IP HD TO FRM VFN TO FN TO TR MD XLN MTX IMBD SM OOLITES TO TR IMBD MD OOLITES WITH OTHER IMBD FOSS TR IMBD CALC XLS SLTLY OOLMOLDIC 10% WITH IMBD SM CALC XLS LT BRITE YLW FLO 60% TO LT YLW FLO 20% NO STAIN





VERY/FAINT GASSY ODOR IN 40 MIN SAMPLE NO STAIN POOR TO FAIR INTERXLN POR TO POOR TO TR FAIR MICRO PP TO TR PP POR IP POSS POOR TO TR FAIR INTER FOSS POR NO CUT NO VIS SHOW

LANSING "X" 2988' -1186'

LS GRY DK TN TO TN HD DN CRYPTO TO VVFN XLN MTX WITH TR IMBD SH IP TR PYR NODULES IP NO FLO NO VIS POR NO VIS SHOW

SH DK GRY TO GRY HD TO FRM SMOOTH BRITT WITH TR BLK CARB SH IP CALC TO LMY

LS DK TN TO TN BUFF MOTT HD DN TT CRYPTO TO VVFN XLN MTX DISS DK GRY SH IP TR IMBD FOSS IP NO FLO NO VIS POR NO VIS SHOW

LS DK TN TO TN LT TN MOTT HD DN TT TO BRITT CRYPTO TO VVFN XLN MTX IMBD FOSS TR DISSIMINATED PYR IP NO FLO NO ODOR NO STAIN NO CUT NO VIS POR NO VIS SHOW

LS TN LT TN BUFF FRM BRITT VVFN TO FN XLN MTX RE-XLN MTX IMBD SM OOLITES TO TR IMBD CALC XLS OOMOLDIC THRU TR IMBD CHLK TR PIECES SLTLY FRM CHLK POSS OOLITIC POR TO POOR INTERXLN POR NO STAIN NO ODOR DULL YLW FLO IP NO CUT NO VIS SHOW

LS TN LT TN CRM BUFF TO OFF WHT FRM BRITT VVFN TO FN XLN MTX RE-XLN MTX IMBD FOSS PRG TR IMBD OOLITES IP DISSIMINATED PYR IP CHLKY POOR TO FAIR INTERXLN POR TO TR VUGS OOMOLDIC IP POOR TO TR FAIR PP TO MICRO PP POR NO STAIN NO ODOR LT YLW FLO NO CUT NO VIS SHOW

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

SH LT GRY SLTLY FRM SFT

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

LANSING "Z" 3083' -1281'

LS CRM BUFF OFF WHT TO LT GRY HD TO FRM VVFN XLN MTX SUCRO TXT TR DISS LT GRY SH IP NO FLO NO VIS POR NO VIS SHOW

LS TN LT TN CRM BUFF LT GRY TO OFF WHT HD DN TT CRYPTO XLN MTX TO VVFN TO FN XLN MTX TR IMBD LS GRNS IP SUCRO TXT TR IMBD FOSS IP TR IMBD QRTZ XLS IP TR VRY POOR TO POOR INTERXLN POR TR SLT TR MICRO PP POR LT YLW FLO IP TR DK BLK OIL STAIN ON ONE ROCK NO ODOR VRY POOR FAINT FLUSH TO NO CUT NO VIS SHOW

LSTN LT TN CRM BUFF HD DN BRITT VVFN TO FN XLN MTX TR QRTZ XLS IP TR IMBD CALC XLS IP LT BRITE YLW FLO 70% TR STAIN IN 3% POSS TT INTER XLN POR TO NO POR FAINT ODOR IN 40 MIN SAMPLE FAINT FLUSH CUT TO VRY POOR SLOW STREAM CUT

DOL CRM OFF WHT TO WHT FRM BRITT VVFN TO FN XLN MTX SUCRO TXT IMBD DOL XLS LT BRITE YLW FLO NO STAIN POOR FAIR TO GOOD INTER XLN POR TO PP AND MICRO PP POR NO CUT NO VIS SHOW

LS BUFF OFF WHT HD DN TT VFN TO FN XLN MTX DOLIMITIC LS TR IMBD DOL GRNS DISS LT GRY SH IP LT BRITE YLW FLO NO STAIN NO VIS POR NO CUT NO VIS SHOW

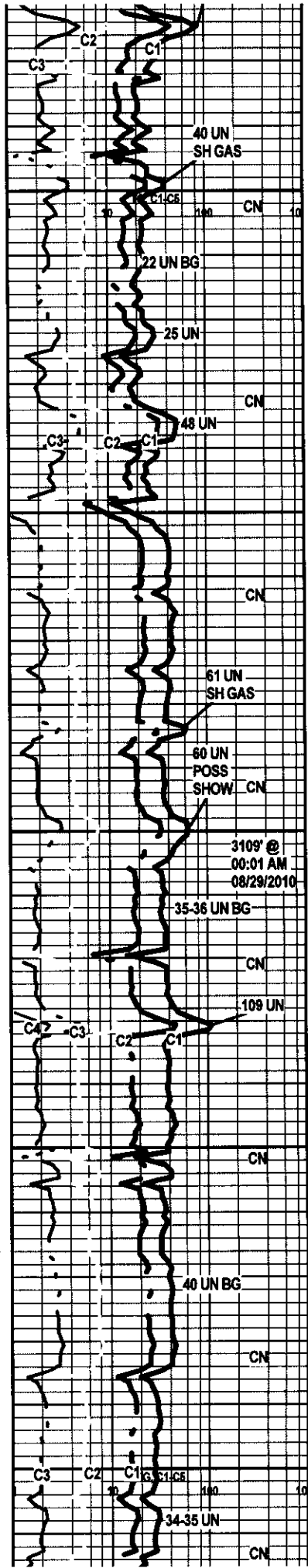
STARK SH 3156' -1354'

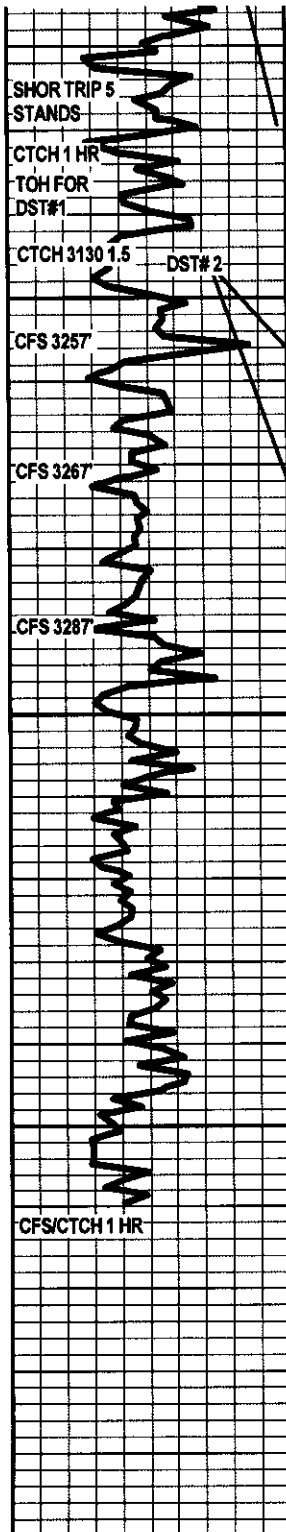
LS DK TN TN LT TN BUFF LT GRY MOTT IP HD DN TT CRYPTO TO VVFN XLN MTX SUCRO TXT IP IMBD FOSS TR DISS GRY SH IP SCATT TR DUJ LT YLW FLO NO VIS POR NO CUT NO VIS SHOW

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

SH DK GRY TO GRY WITH TR IMBD BLK CARB SH IP HD FRM BRITT SMOOTH CALC TO LMY

LS TN LT TN CRM BUFF HD FRM BRITT VVFN TO FN TR MD XLN MTX RE-XLN MTX IMBD FOSS TR TR IMBD OOLITES IP TR IMBD QRTZ XLS IP LT YLW FLO 40% TO GLDN YLW FLO 30% STAIN 30% POOR TO POSS FAIR INTER XLN POR TO POOR TO TR FAIR PP AND MICRO PP POR POSS FRACTURES POOR TO TR FAIR INTER FOSS POR INSTANT FLUSH CUT TO SLOW STRONG MILKY BLUE STREAM CUT LT BRITE YLW RING CUT TO BRN LEACH ON DISH





SH GRY LT GRY SMOOTH SPLNTY SFT TO SILTY

LS LT GRY LT TN BUFF TO OFF WHT HD DN TT CRYPTO TO VVFN XLN MTX TR IMBD SH IP TO DISS LT GRY SH IP NO FLO NO VIS POR NO VIS SHOW

LS OF WHT TO WHT TO CRM VFN TO FN TR MD XLN MTX IMBD SUB-RND TO RND S GRNS THRU POOR TO FAIR SORT TR IMBD CHLK TR IMBD FOSS TR WHT CHERT IP LT YLW FLO POOR FAIR TO GOOD INTER XLN TO INTER GRAN POR NO STAIN NO ODOR NO CUT NO VIS SHOW

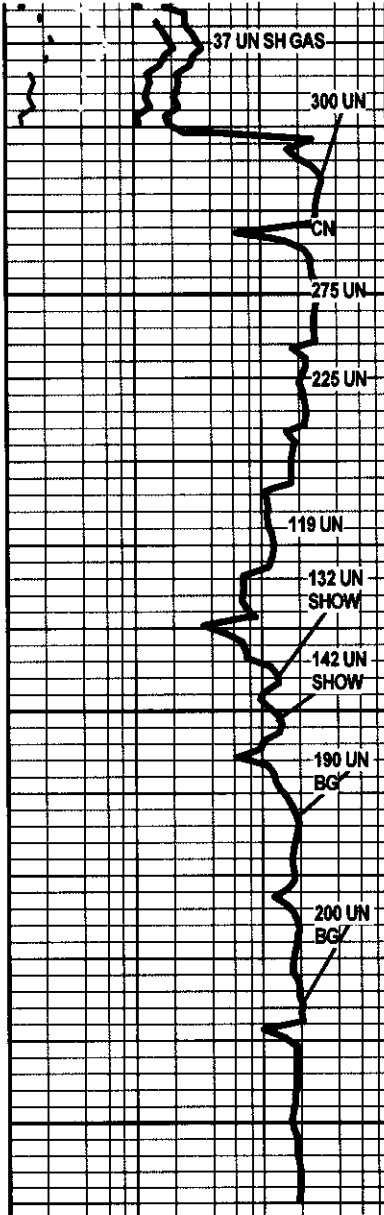
ARBUCKLE 3256' -1454'

DOL TN LT TN DUE TO STAIN FRM VVFN TO FN XLN MTX VERY SUCRO TXT VRY/SM RND DOL GRNS LT BRITE YLW TO GLDN YLW FLO THRU POOR TO TR FAIR INTER XLN TO TR PP AND MICRO PP POR EXCEL GOOD TO FAIR ODOR INSTANT FLUSH CUT TO STRONG MILKY BLUE STREAM CUT GLDN YLW RING CUT BRN LEACH ON DISH GOOD SHOW

DOL LT TN CRM TO OFF WHT FRM BRITT VVFN TO FN TO MD XLN MTX RE-XLN MTX IP SUCRO TXT IP TR IMBD ANG CLEAR TO FRSTY WHT QRTZ XLS TO TR CALC XLS TR IMBD DOL GRNS TR IMBD ANG DOL XLS IP TR IMBD FOSS IP GOOD ODOR 20,40, AND 60 SAMPLE BRITE YLW FLO 60% TO GLDN YLW FLO 40% BRITE YLW FLO AFTER DRIED FAIR TO GOOD TO TR VRY/GOOD INTER XLN POR TR VUGS IP TO MICRO PP TO PP POR LT OIL STAIN 60% INSTANT FLUSH TO FAIR TO GOOD MILKY BLUE STREAM CUT W/BRN LEACH ON DISH

3272'-3282' DOL LT GRY OFF WHT TO WHT LT TN IP HD DN BRITT VVFN TO FN XLN MTX TR VRY SM DOL XLS IMBD IP TR LMNTD PYR IP TR DISSIMENATED PYR IP SFT WHT GUMMY CHLK LT BRITE YLW FLO 70% TR BLK OIL STAIN 6% POOR TO POSS FAIR INTER XLN POR MD PP TO PP AND MICRO PP POR ON 6 ROCKS WITH TR VUGS IP W/TR IMBD CALC XLS IP POOR TO FAIR ODOR FAINT TO POOR FLUSH CUT TO SPURTY MILKY BLUE STREAM CUT IP

3285'-3304' DOL TN LT TN DUE TO STAIN CRM BUFF TO OFF WHT VVFN TO FN TO MD XLN MTX RE-XLN MTX THRU IMBD ANG FN TO MD DOL XLS IMBD CALC XLS IN VUGS GOOD ODOR STAIN IN 65% BRITE YLW TO GLDN YLW FLO THRU FAIR TO GOOD TO EXCEL INTER XLN POR TR VUGS IP TO PP POR GOOD TO EXCEL INSTANT FLUSH CUT TO GOOD STRONG MILKY BLUE STREAM CUTTR BRN LEACH ON DISH GOOD SHOW



SAMPLES WILL BE SENT TO KGS AS REQUESTED

TD 9:25 PM 08/30/2010

TOH FOR LOGS 10:30 PM 08/30/2010

LOGS BY WEATHERFORD LIBERAL