

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/11/12

Operator: License # 3882
Name: SAMUEL GARY JR. & ASSOCIATES, INC.
Address: 1560 BROADWAY, SUITE 2100
City/State/Zip: DENVER, CO 80202-4838
Purchaser: GARY-WILLIAMS ENERGY CORPORATION
Operator Contact Person: THOMAS G. FERTAL
Phone: (303) 831-4673
Contractor: Name: SOUTHWIND DRILLING
License: 33350
Wellsite Geologist: JUSTIN CARTER

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
04/19/10 04/25/10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 051-25971-0000
County: ELLIS
E2 NW SE SW Sec. 13 Twp. 15 S. R. 17 East West
990 feet from SOUTH of Section
1755 feet from WEST Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW **SW**
Lease Name: VONFELDT Well #: 2-13

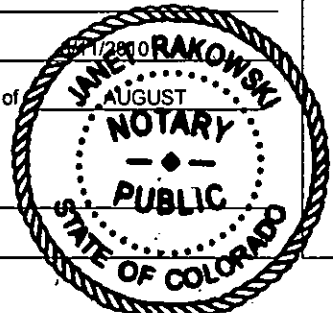
Field Name: WILDCAT
Producing Formation: ARBUCKLE/LANSING
Elevation: Ground: 1943' Kelly Bushing: 1953'
Total Depth: 3670' Plug Back Total Depth: 3540'
Amount of Surface Pipe Set and Cemented at 1094 Feet
Multiple State Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PAUJ 81970
(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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market-Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Thomas Fertal
Title: SR. GEOLOGIST Date: _____
Subscribed and sworn to before me this 11TH day of _____
2010
Notary Public: Janet Rakowski
Date Commission Expires: 06/05/2013



KCC Office Use ONLY
 Letter of Confidentiality Attached 8/11/10 - 8/11/12
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution
RECEIVED
AUG 16 2010

My Commission Expires 06/05/2013

KCC WICHITA

Operator Name: SAMUEL GARY JR & ASSOCIATES, INC. Lease Name: VONFELDT Well #: 2-13
 Sec. 13 Twp. 15 S. R. 17 East West County: ELLIS

INSTRUCTIONS: Show important tops and base of formation penetrated. Detail all cores. Report all final copes of drill stem 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 copy of all Electric Wireline Logs surveyed. Attach final geologist well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum Name TOPEKA HEEBNER DOUGLAS LANSING ARBUCKLE TD	<input type="checkbox"/> Sample
Sample Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Top 2963' 3189' 3222' 3238' 3555' 3670'	Datum -1010' -1236' -1269' -1285' -1602'
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		KCC AUG 11 2010 CONFIDENTIAL	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			
List All E. Logs Run:	DUAL INDUCTION DENSITY - NEUTRON SONIC LOG MICROLOG				

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	12-1/4"	8-5/8"	24	1094'	COMMON	400	2% GEL & 3% CC

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

Shots per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid. Fracture, Shot, Cement, Squeeze Record (Amount and Kind of Material Used)		Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
If vented, submit ACO-18.) Other (Specify) _____

QUALITY OILWELL CEMENTING, INC.

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

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

No. (K-11)

Date <u>4-20-10</u>	Sec. <u>13</u>	Twp. <u>15</u>	Range <u>17</u>	County <u>Lin</u>	State <u>Kansas</u>	On Location	Finish <u>3:30 PM</u>
Lease <u>Vincent</u>		Well No. <u>213</u>		Location <u>Vincent 800 N 10 W</u>			
Contractor <u>Southwest Cementing</u>				Owner			
Type Job <u>Seal</u>				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 <u>10 1/2</u>		T.D. <u>1024</u>		Charge To <u>Southwest Cementing</u>			
Csg. <u>10 1/2</u>		Depth <u>1024</u>		Street			
Tbg. Size		Depth		City			
Tool <u>Plate</u>		Depth		State			
Cement Left in Csg. <u>4.5</u>		Shoe Joint <u>in</u>		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace <u>1024</u>		Cement Amount Ordered			

EQUIPMENT

Pumptrk	No.	Cementer		
		Helper	<u>3</u>	
Bulktrk	No.	Driver	<u>3</u>	
		Driver	<u>3</u>	
Bulktrk	No.	Driver	<u>3</u>	
		Driver	<u>3</u>	

Common 422
Poz. Mix 144
Gel. 8
Calcium 14

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JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers 3

Baskets 3

D/V or Port Collar

10

10

Hulls

Salt

Flowseal 2

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Sand

Handling

Mileage 24

FLOAT EQUIPMENT

Guide Shoe

Centralizer 3

Baskets 3

AFU Inserts

Float Shoe

Latch Down

1 1/2

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Pumptrk Charge	
Mileage	
	Tax
	Discount
	Total Charge

X Signature _____



Quality Oilwell Cementing, Inc

740 Wichita Avenue
PO Box 32
Russell, KS 67665

Phone # 785-324-1041

1005-AP-151

516

Invoice

Date	Invoice #
4/22/2010	3856
Terms	
Net 15	
Due Date	5/7/2010

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Bill To
Samuel Gary Jr & Associates Inc P.O. BOX 448 RUSSELL KS 67665

P.O. No.
Vonfeldt 2-13

Quantity	Description	Amount
1	Surface Pipe 500-1500ft	891.59T
24	Pump Truck Mileage-from job location to nearest camp	39.12T
8	GEL	148.00T
4	Flo Seal-Lb	8.68T
400	Class A Common-Sack	5,080.00T
14	Calcium Chloride-Sack	572.46T
24	Bulk Truck Mileage-from job location to nearest bulk plant(mile)	152.16T
1	8 5/8" Baffle Plate Aluminum	97.71T
	Ellis County Sales Tax	370.46
<p>RECEIVED</p> <p>MAY 04 2010</p> <p>SAMUEL GARY JR. & ASSOCIATES, INC.</p>		<p>RECEIVED</p> <p>AUG 16 2010</p> <p>KCC WICHITA</p>
<input checked="" type="checkbox"/> DRLG <input type="checkbox"/> COMP <input type="checkbox"/> W/O <input type="checkbox"/> LOE		
AFE # _____		
ACCT # <u>9200-156</u>		
APPROVED BY <u>[Signature]</u>		
Total		\$7,360.18



1005-AP-~~1020~~ 352
5113

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: 4/27/2010
Invoice # 3820
P.O.#:
Due Date: 15-30
Division: Russell

Invoice

KCC
AUG 11 2010
CONFIDENTIAL

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

0

Reference:
PLUG JOB VONFELDT 2-13

Description of Work:

MAY 06 2010

SAMUEL GARY JR & ASSOCIATES

Services / Items Included:	Item	Quantity
Pump Truck Mileage-from Job location to Nearest Camp		18
Premium Gel (Bentonite)		9
POZ Mix-Standard		88
Plugging, the First Well Service		1
Flo Seal		55
Common-Class A		132
Bulk Truck Mileage-from Job location to Nearest Bulk Plant		18

Item	Quantity
8 5/8" Wooden Plug	1

Quoted by: Dave Funk
SubTotal: \$ 3,906.27
Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (585.94)
Total: \$ 3,320.33
Tax: \$ 175.98
\$ 3,496.31

Invoice Terms:

Net 15

Applied Payments:
Balance Due: \$ 3,496.31

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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DRLG COMP W/O LOE
AFE # _____
ACCT # 8200-138
APPROVED BY TAB

QUALITY OILWELL CEMENTING, INC.

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

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

No. 3820

AUG 11 2010
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(Russell)

Date	4-26-2010	Sec.	13	Twp.	15	Range	17	County	Ellis	State	Ks	On Location	Finish	3:45 PM	
Lease	Dorfeldt		Well No.	2-13		Location Victoria, Ks - S to Chetolah Gold Rd									
Contractor	Southwind Drilling Rig #1						Owner K.W. N/S								
Type Job	Plug						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	7 7/8"		T.D.	3670'											
Csg.	Drill pipe 4 1/2"		Depth	3540'											
Tool			Depth												
Cement Left in Csg.			Shoe Joint												
Meas Line			Displace	H20		Cement Amount Ordered 220 SX 60140 4% Gel 1/4 #6 S.									

EQUIPMENT

Pumptrk	1	No.	Cementer	Brandon	4 3/4 hrs	Common	132 SX
			Helper				
Bulktrk	11	No.	Driver	Rocky	4 3/4 hrs	Poz. Mix	88 SX
			Driver				
Bulktrk	pick-up	No.	Driver	Rick	4 3/4 hrs	Gel.	9 SX
			Driver				

JOB SERVICES & REMARKS

Remarks:	Calcium
Rat Hole 30 SX	Hulls
Mouse Hole 15 SX	Salt
Centralizers	Flowseal 55 #s
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
1st plug - 3540' - 25 SX	CFL-117 or CD110 CAF 38
2nd plug - 1150' - 40 SX	Sand
	Handling 229
	Mileage 18

FLOAT EQUIPMENT

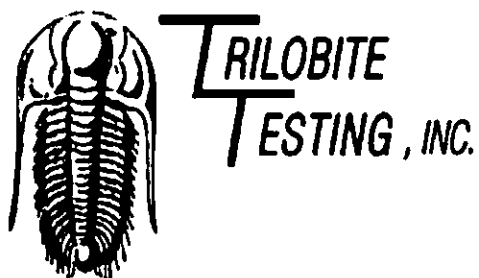
3rd plug - 460' - 100 SX	Guide Shoe
4th plug - 40' - 10 SX	Centralizer
Rathole - 30 SX Mousehole - 15 SX	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
Cement did Circulate.	1 - 8 5/8" Dryhole plug
	Pumptrk Charge
	Mileage 18 Plug

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Signature: Frank Rance

Russell

Tax	
Discount	
Total Charge	



DRILL STEM TEST REPORT

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

1515 Wynkoop ste 700
Denver CO 80202

ATTN: Tom Fertal

13 15S 17W Ellis KS

Vonfeldt 2-13

Start Date: 2010.04.24 @ 04:44:15

End Date: 2010.04.24 @ 11:48:45

Job Ticket #: 38604 DST #: 1

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KCC
AUG 11 2010
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2010.05.07 @ 12:46:47 Page 1

ORIGINAL

Samuel Gary Jr. & Associates, Inc.

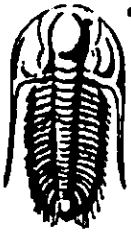
Vonfeldt 2-13

13 15S 17W Ellis KS

DST # 1

Lansing F-G

2010.04.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

Vonfeldt 2-13

1515 Wynkoop ste 700
Denver CO 80202

13 15S 17W Ellis KS

Job Ticket: 38604

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.04.24 @ 04:44:15

GENERAL INFORMATION:

Formation: **Lansing F-G**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 06:09:45
 Time Test Ended: 11:48:45

Test Type: **Conventional Bottom Hole**
 Tester: **Jeff Brown**
 Unit No: **41**

Interval: **3294.00 ft (KB) To 3328.00 ft (KB) (TVD)**
 Total Depth: **3328.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1953.00 ft (KB)**
1943.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: **8647**

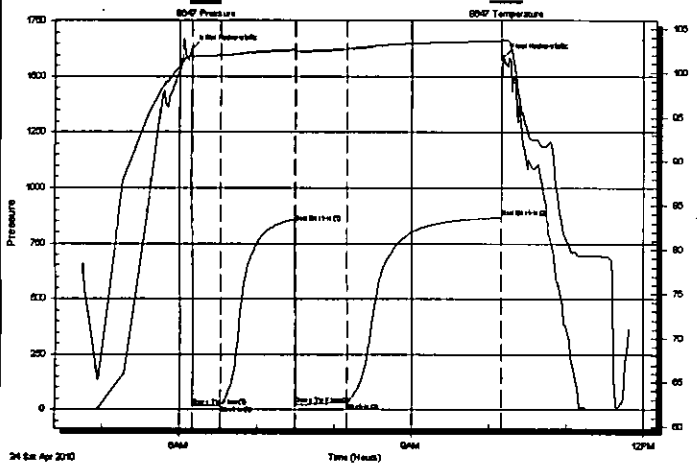
Inside

Press@RunDepth: **30.35 psig @ 3300.00 ft (KB)**
 Start Date: **2010.04.24** End Date: **2010.04.24**
 Start Time: **04:44:20** End Time: **11:48:44**

Capacity: **8000.00 psig**
 Last Calib.: **2010.04.24**
 Time On Btm: **2010.04.24 @ 06:09:15**
 Time Off Btm: **2010.04.24 @ 10:11:14**

TEST COMMENT: IFF- Fair blow built to 5 1/2 in
 IS- Dead no blow back
 FFP- Fair blow built to 8 1/2 in
 FSI- Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.23	102.26	Initial Hydro-static
1	15.57	101.69	Open To Flow (1)
22	19.45	101.99	Shut-In(1)
80	845.67	102.65	End Shut-In(1)
81	21.86	102.47	Open To Flow (2)
121	30.35	102.74	Shut-In(2)
240	869.74	103.59	End Shut-In(2)
242	1591.99	103.76	Final Hydro-static

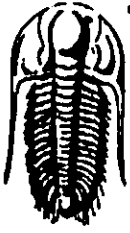
Recovery

Length (ft)	Description	Volume (bbl)
62.00	Ocm	0.87
0.00	62 GIP	0.00

Gas Rates

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

ORIGINAL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Associates, Inc.

Vonfeldt 2-13

1515 Wynkoop ste 700
Denver CO 80202

13 15S 17W Ellis KS

Job Ticket: 38604

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.04.24 @ 04:44:15

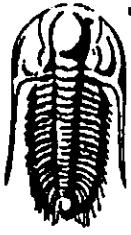
Tool Information

Drill Pipe:	Length: 3284.00 ft	Diameter: 3.80 inches	Volume: 46.07 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.80 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: 42000.00 lb
			<u>Total Volume: 46.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3294.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3279.00	
Hydraulic tool	5.00			3284.00	
Packer	5.00			3289.00	20.00 Bottom Of Top Packer
Packer	5.00			3294.00	↑↑
Stubb	1.00			3295.00	
Perforations	5.00			3300.00	
Recorder	0.00	8647	Inside	3300.00	
Recorder	0.00	8372	Outside	3300.00	
Perforations	25.00			3325.00	
Bullnose	3.00			3328.00	34.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates, Inc.

Vonfeldt 2-13

1515 Wynkoop ste 700
Denver CO 80202

13 15S 17W Ellis KS

Job Ticket: 38604

DST#: 1

ATTN: Tom Fertal

Test Start: 2010.04.24 @ 04:44:15

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	Ocm	0.870
0.00	62 GIP	0.000

Total Length: 62.00 ft

Total Volume: 0.870 bbl

Num Fluid Samples: 0

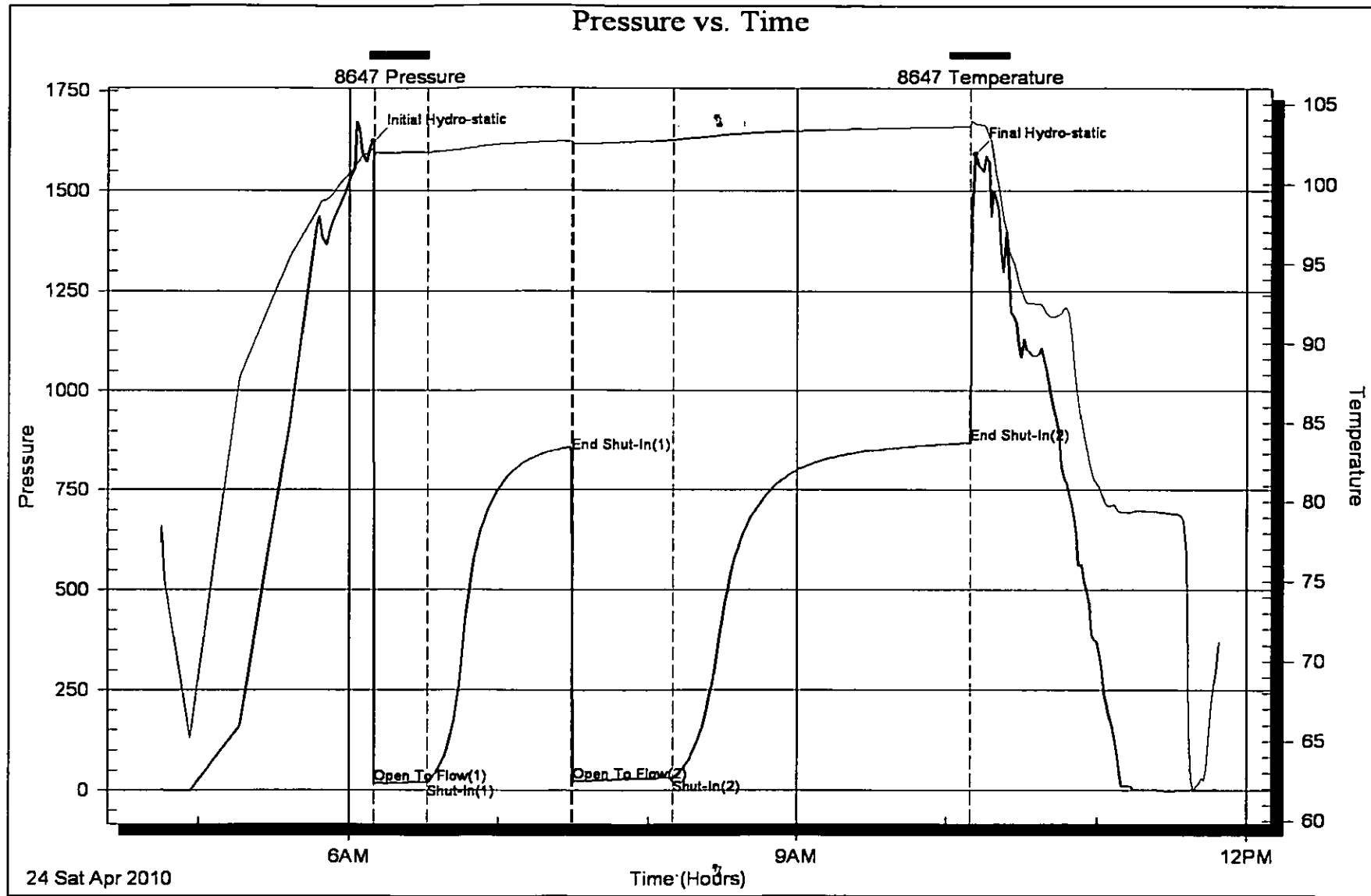
Num Gas Bombs: 0

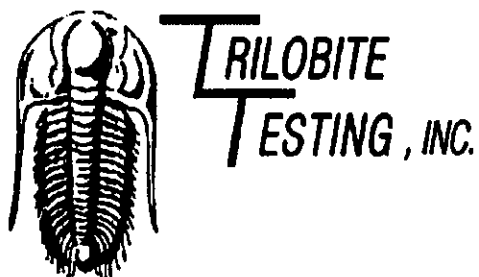
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

1515 Wynkoop ste 700
Denver CO 80202

ATTN: Tom Fertal

13 15S 17W Ellis KS

Vonfeldt 2-13

Start Date: 2010.04.25 @ 22:40:10

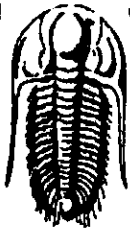
End Date: 2010.04.26 @ 08:01:40

Job Ticket #: 38605 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

Vonfeldt 2-13

1515 Wynkoop ste 700
Denver CO 80202

13 15S 17W Ellis KS

Job Ticket: 38605

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.04.25 @ 22:40:10

GENERAL INFORMATION:

Formation: **Lansing "C-D-E-F-G"**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **00:03:40**
 Time Test Ended: **08:01:40**

Test Type: **Conventional Straddle**
 Tester: **Jeff Brown**
 Unit No: **41**

Interval: **3247.00 ft (KB) To 3353.00 ft (KB) (TVD)**
 Total Depth: **3670.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1953.00 ft (KB)**
1943.00 ft (CF)
 KB to GR/CF: **10.00 ft**

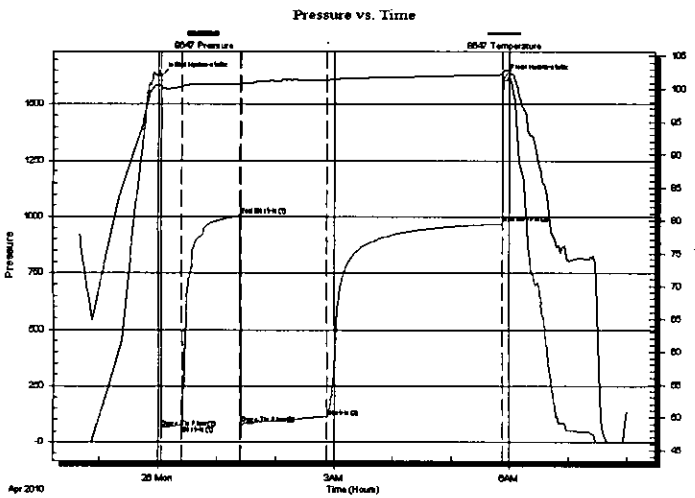
Serial #: 8647

Inside

Press@RunDepth: **108.96 psig @ 3251.00 ft (KB)**
 Start Date: **2010.04.25** End Date: **2010.04.26**
 Start Time: **22:40:15** End Time: **08:01:40**

Capacity: **8000.00 psig**
 Last Calib.: **2010.04.26**
 Time On Btm: **2010.04.26 @ 00:03:10**
 Time Off Btm: **2010.04.26 @ 05:53:40**

TEST COMMENT: IFF- Weak blow built to 3 in
 ISF- Dead no blow back
 FFP- Weak blow built to 4 1/2 in
 FSI- Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1626.78	100.62	Initial Hydro-static
1	63.29	100.21	Open To Flow (1)
21	75.19	100.43	Shut-In(1)
80	1002.66	100.85	End Shut-In(1)
81	77.47	100.86	Open To Flow (2)
170	108.96	101.45	Shut-In(2)
350	967.76	102.20	End Shut-In(2)
351	1618.70	102.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
107.00	VSOCM 2%O98%M	1.50

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Associates, Inc.

Vonfeldt 2-13

1515 Wynkoop ste 700
Denver CO 80202

13 15S 17W Ellis KS

Job Ticket: 38605

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.04.25 @ 22:40:10

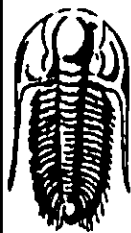
Tool Information

Drill Pipe:	Length: 3260.00 ft	Diameter: 3.80 inches	Volume: 45.73 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.80 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
			Total Volume: 45.73 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3247.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3353.00 ft			
Interval between Packers:	106.00 ft			
Tool Length:	448.00 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			3227.00	
Shut In Tool	5.00			3232.00	
Hydraulic tool	5.00			3237.00	
Packer	5.00			*3242.00	21.00 Bottom Of Top Packer
Packer	5.00			3247.00	
Stubb	1.00			3248.00	
Perforations	2.00			3250.00	
Change Over Sub	1.00			3251.00	
Recorder	0.00	8647	Inside	3251.00	
Recorder	0.00	8372	Outside	3251.00	
Blank Spacing	91.00			3342.00	
Change Over Sub	1.00			3343.00	
Perforations	5.00			3348.00	
Blank Off Sub	1.00			3349.00	
Blank Spacing	4.00			3353.00	106.00 Tool Interval
Packer	4.00			3357.00	
Stubb	1.00			3358.00	
Recorder	0.00	8371	Below	3358.00	
Change Over Sub	1.00			3359.00	
Blank Spacing	311.00			3670.00	
Change Over Sub	1.00			3671.00	
Bullnose	3.00			3674.00	321.00 Bottom Packers & Anchor

Total Tool Length: 448.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates, Inc.

Vonfeldt 2-13

1515 Wynkoop ste 700
Denver CO 80202

13 15S 17W Ellis KS

Job Ticket: 38605

DST#: 2

ATTN: Tom Fertal

Test Start: 2010.04.25 @ 22:40:10

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 9.18 in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
107.00	VSOCM 2%O98%M	1.501

Total Length: 107.00 ft Total Volume: 1.501 bbl

Num Fluid Samples: 0

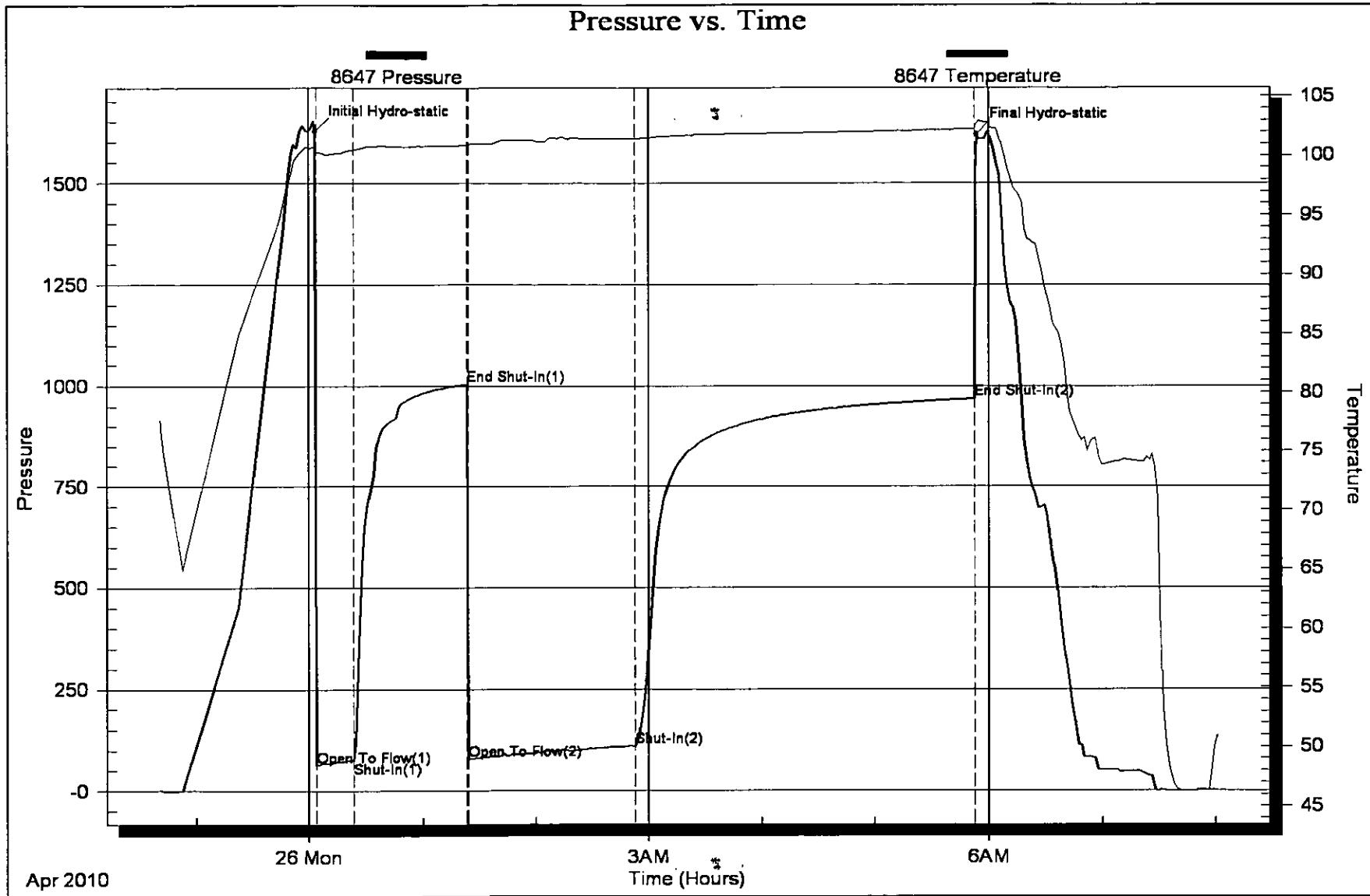
Num Gas Bombs: 0

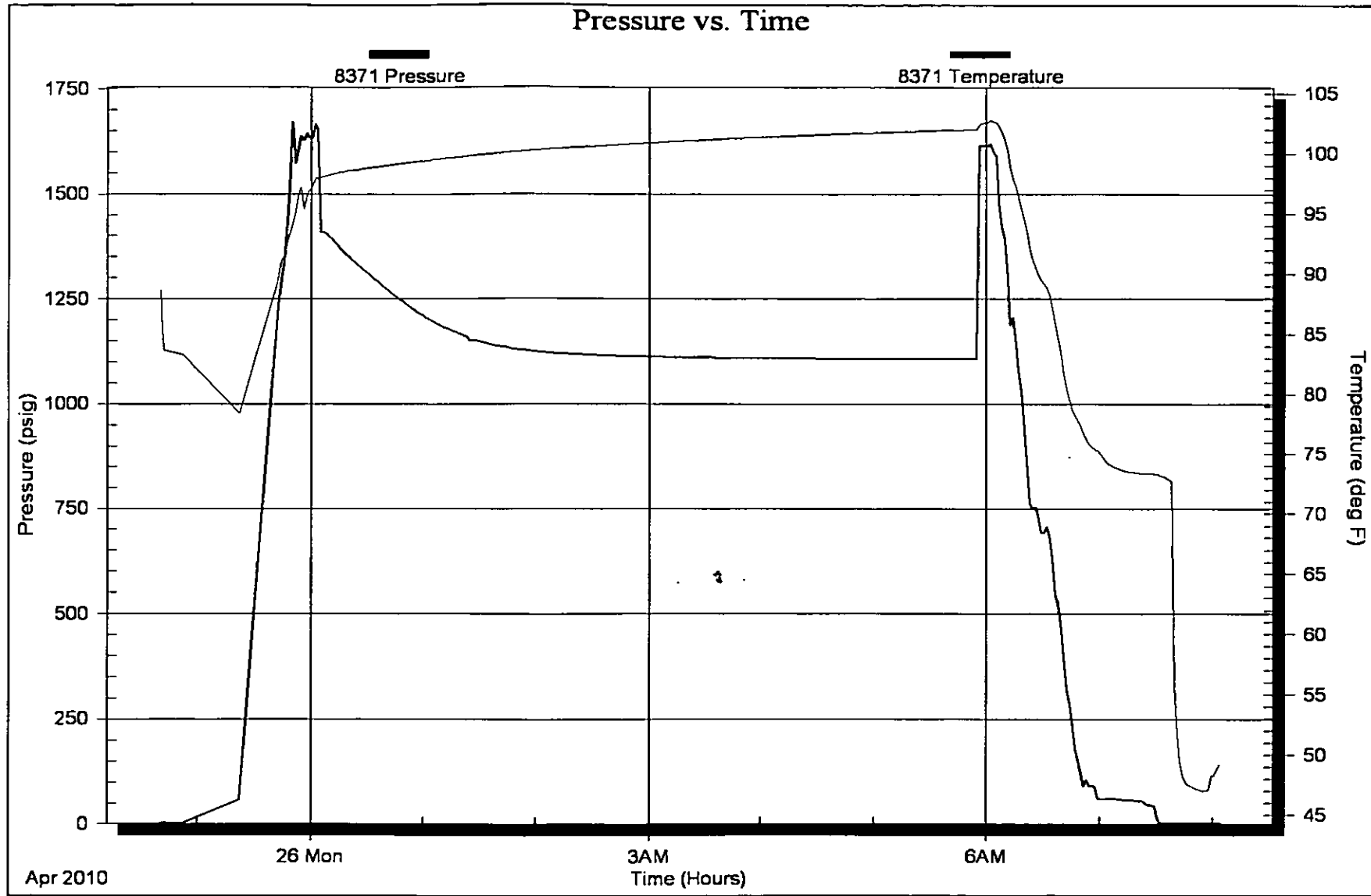
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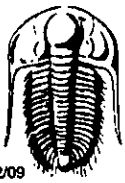
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

APR 27 2010

Test Ticket

NO. 38604

Well Name & No. Vonfeldt 2-13 Test No. 1 Date 4-24-10
 Company Samuel Gary JR. and Associates, INC Elevation 1953 KB 1943 GL
 Address 1515 WYNKOOP STE 700 DENVER CO 80202
 Co. Rep / Geo. _____ Rig Southwind Rig #1
 Location: Sec. 13 Twp. T15S Rge. R17W Co. ELLIS State KS

Interval Tested 3294-3328 Zone Tested LANSEING "F & G"
 Anchor Length 34 Drill Pipe Run 3284 Mud Wt. 8.8
 Top Packer Depth 3289 Drill Collars Run 0 Vis 48
 Bottom Packer Depth 3294 Wt. Pipe Run 0 WL 7.2
 Total Depth 3328 Chlorides 6000 ppm System LCM TR

Blow Description IFP - Fair Blow Built To 5 1/2 IN
ISF - Dead No Blow Back
AFP - Fair Blow Built To 8 1/2 IN
FSI - Dead No Blow Back

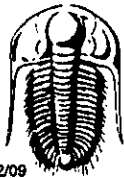
Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>OCM</u>				
<u>1</u>	<u>62 GIP</u>				

Rec Total 62 BHT 104 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1624</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>3:42</u>
(B) First Initial Flow <u>16</u>	<input type="checkbox"/> Jars _____	T-Started <u>4:44</u>
(C) First Final Flow <u>19</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>6:10</u>
(D) Initial Shut-In <u>876</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>10:10</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>11:50</u>
(F) Second Final Flow <u>30</u>	<input checked="" type="checkbox"/> Mileage <u>42.50</u> <u>34RT</u>	Comments _____
(G) Final Shut-In <u>870</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1447</u>	<input type="checkbox"/> Straddle _____	
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1167.50</u>
	Sub Total <u>1167.50</u>	

Approved By _____ Our Representative Jeff Brown

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 27 2011

Test Ticket

NO. 38605

1209

BY:

Well Name & No. Unfeld 2-13 Test No. 2 Date 4-25
 Company Samuel Gary Jr. and Associates, Inc. Elevation 1953 KB 1943 GL
 Address 1515 Wynkoop Ste 700 Denver Co 80202
 Co. Rep / Geo. Tom Fertal Rig South Wind Rig #1
 Location: Sec. 13 Twp. T15S Rge. R17W Co. ELL's State KS

Interval Tested 3247-3353 Zone Tested LANISING "C-D-E-F-G"
 Anchor Length 106 Drill Pipe Run 3260 Mud Wt. 9.5
 Top Packer Depth 3242 Drill Collars Run 0 Vis 62
 Bottom Packer Depth 3247 Wt. Pipe Run 0 WL 9.2
 Total Depth 3170 Chlorides 6700 ppm System LCM TR

Blow Description IFP - weak Blow Built to 3 IN
ISF - Dead No Blow Back
FFP - weak Blow Built to 4 1/2 IN
FST - Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>107</u>	<u>150 CM</u>		<u>2</u>		<u>98</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 107 BHT 102 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1627 Test 1125 T-On Location 21:57
 (B) First Initial Flow 63 Jars _____ T-Started 22:44
 (C) First Final Flow 75 Safety Joint _____ T-Open 00:03
 (D) Initial Shut-In 1003 Circ Sub _____ T-Pulled 5:53
 (E) Second Initial Flow 77 Hourly Standby _____ T-Out 8:03
 (F) Second Final Flow 109 Mileage 42.50 34RT Comments _____
 (G) Final Shut-In 968 Sampler _____
 (H) Final Hydrostatic 1619 Straddle _____

Initial Open 20 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 60 Extra Packer _____ Ruined Packer _____
 Final Flow 90 Extra Recorder _____ Extra Copies _____
 Final Shut-In 180 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1167.50
 Sub Total 1167.50

Approved By _____ Our Representative Jeff Brown

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