

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

9/3/12  
ORIGINAL

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: CLAYTON CAMOZZI  
Phone: (303) 831-4873 *KCC*  
Contractor: Name: SOUTHWIND *SEP 03 2010*  
License: 33350  
Wellsite Geologist: TIM HEDRICK *CONFIDENTIAL*

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. \_\_\_\_\_

05/10/10 5/17/10 6/2/10  
Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 15-051-25977-0000

County: ELLIS

NW NE NW SW Sec. 12 Twp. 15 S. R. 17  East  West

2480 feet from SOUTH Line of Section

960 feet from WEST Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: WELLBROCK Well #: 1-12

Field Name: WILDCAT

Producing Formation: \_\_\_\_\_

Elevation: Ground: 1900' Kelly Bushing: 1910'

Total Depth: 3597' Plug Back Total Depth: 3578'

Amount of Surface Pipe Set and Cemented at 1080' 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**  
(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: *[Handwritten Signature]*

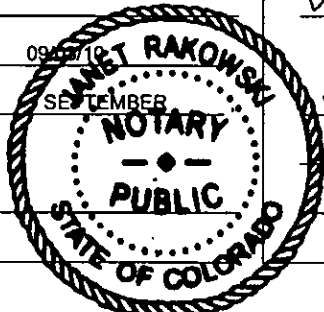
Title: GEOLOGIST Date: 09/03/10

Subscribed and sworn to before me this 3RD day of SEPTEMBER

2010

Notary Public: *[Handwritten Signature]*

Date Commission Expires: 06/05/2013



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached *9/3/10 - 9/3/12*  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**SEP 07 2010**  
**KCC WICHITA**

My Commission Expires 06/05/2013

KCC  
 SEP 03 2010  
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Operator Name: SAMUEL GARY JR & ASSOCIATES, INC. Lease Name: WELLBROCK Well#: 1-12  
 Sec. 12 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	<input type="checkbox"/> Sample
Sample Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOPEKA	2919'	-1009'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3144'	-1234'
List All E. Logs Run:	DUAL INDUCTION	DOUGLAS	3176'	-1286'
	DENSITY - NEUTRON	LANSING	3192'	-1282'
	SONIC LOG	ARBUCKLE	3483'	-1573'
	MICROLOG	TD	3597'	

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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
CONDUCTOR	17-1/2"	13-3/8"	48	80	CLASS A	100	2% GEL & 3% CC
SURFACE	12-1/4"	8-5/8"	24	1060'	CLASS A	425	2% GEL & 3% CC
PRODUCTION	7-7/8"	5-1/2"	15.5	3595'	60/40 POZ ECON-O-BOND	25 125	5#/SK GILSONITE, 1/4#/SK CELLFLAKE

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 (Amount and Kind of Material Used)	
			Depth
4	3192'-94'	500 gallons of 20% MCA w/ 3% MAS	3192'-94'
4	3217'-21'	400 gallons of 20% MCA w/ 3% MAS	3217'-21'
4	3328'-31'	500 gallons of 20% MCA w/ 3% MAS	328'-31'
4	3348'-51'	500 gallons of 20% MCA w/ 3% MAS	3348'-51'
4	3380'-86'	500 gallons of 15% MCA w/ 3% MAS	3380'-86'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	3542'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
6/17/10			<input type="checkbox"/> Flowing <input checked="" 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
	15	0	10		

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 3192'-3386' OA



**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: 5/16/2010  
 Invoice # 3874

P.O.#:  
 Due Date: ~~5/31/2010~~ 6-16-2010  
 Division: Russell

# Invoice

*Handwritten notes:*  
 1000  
 5/27/2010  
 1000/1000

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

**Reference:**  
 WELLBROCK 1-12

**Description of Work:**  
 CONDUCTOR SURFACE

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Services / Items Included:	Item	Quantity	Item	Quantity
	Surface Job	1		
Pump Truck Mileage-from Job location to Nearest Camp		18		
Premium Gel (Bentonite)		2		
Common-Class A		100		
Calcium Chloride		3		
Bulk Truck Mileage-from Job location to Nearest Bulk Plant		18		
Bulk Truck Material-Material Service Charge		105		

Quoted by: Dave Funk

SubTotal: \$ 2,587.96  
 Discount Available ONLY if Invoice is Paid &  
 Received within listed terms of invoice: \$ (388.19)  
 Total: \$ 2,199.76  
 Tax: \$ 57.27  
 \$ 2,257.04

**Invoice Terms:**  
 Net 30

**Applied Payments:**  
 Balance Due: \$ 2,257.04

**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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MAY 27 2010

SAMUEL GARY JR.  
 & ASSOCIATES, INC.

DRLG  COMP  W/O  LOE  
 AFE # \_\_\_\_\_  
 ACCT # 8200.138  
 APPROVED BY [Signature]

# QUALITY OILWELL CEMENTING, INC.

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

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

No. **3874**

Date <b>5-10-10</b>	Sec. <b>12</b>	Twp. <b>15</b>	Range <b>17</b>	County <b>Ellis</b>	State <b>Kansas</b>	On Location	Finish <b>12:30 PM</b>
Lease <b>Wellbrook</b>	Well No. <b>1-12</b>		Location <b>Victoria 75 W 1/2 S E10</b>				
Contractor <b>Southern Drilling Rig</b>				Owner 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.			
Type Job <b>Surface</b>				Hole Size			
T.D.				Charge To <b>Samuel Gary Jr. &amp; Associates</b>			
Csg. <b>13 3/8</b>				Depth <b>93</b>			
Tbg. Size				Street			
Tool				City			
Cement Left in Csg. <b>10-15'</b>				Shoe Joint			
Meas Line				Displace <b>11 1/2 BU</b>			
				The above was done to satisfaction and supervision of owner agent or contractor.			
				Cement Amount Ordered <b>100 Com 342</b>			

**EQUIPMENT**

Pumptrk <b>1</b>	No.	Cementer <b>Steve</b>	<b>4</b>	Common <b>100 Com 342 342</b>
Bulktrk <b>8</b>	No.	Driver <b>Rendon</b>	<b>4</b>	Poz. Mix
Bulktrk	No.	Driver <b>Dave</b>	<b>4</b>	Gel. <b>2</b>

**JOB SERVICES & REMARKS**

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<b>Cement did Circulate</b>	Sand
	Handling <b>105</b>
	Mileage <b>18</b>

**FLOAT EQUIPMENT**

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

**SWAGE**

Pumptrk Charge **Conductor Surface** RECEIVED  
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Mileage **18**

**Russell**

KCC WICHITA

Tax	
Discount	
Total Charge	

X Signature



**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: 5/16/2010  
 Invoice # 3877

P.O.#:  
 Due Date: June 16 - 2010  
 Division: Russell

# Invoice

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 SEP 07 2010  
 KCC WICHITA

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

**Reference:**  
 3877 WELLBROCK 1-12

**Description of Work:**  
 LONG SURFACE

Services / Items Included:	Item	Quantity	Item	Quantity
	Surface Job	1		
Pump Truck Mileage-from Job location to Nearest Camp		18	8 5/8" Centralizer	3
Premium Gel (Bentonite)		8	8 5/8" Basket	3
Common-Class A		425		
Calcium Chloride		15		
Bulk Truck Mileage-from Job location to Nearest Bulk Plant		18		
Bulk Truck Material-Material Service Charge		448		
Baffle Plate Aluminum, 8 5/8"		1		
8 5/8" Top Rubber Plug		1		

Quoted by: Dave Funk  
 SubTotal: \$ 8,695.61  
 Discount Available ONLY if Invoice is Paid &  
 Received within listed terms of invoice: \$ (1,304.34)  
 Total: \$ 7,391.27  
 Tax: \$ 205.21  
 \$ 7,596.47

**Invoice Terms:**

Net 30

**Applied Payments:**  
 Balance Due: \$ 7,596.47

**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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MAY 27 2010

SAMUEL GARY JR.  
 & ASSOCIATES, INC.

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KCC WICHITA

DRLG  COMP  W/O  LOE  
 AFE # \_\_\_\_\_  
 ACCT # 200-138  
 APPROVED BY \_\_\_\_\_

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3877

Date	5-11-10	Sec.	12	Twp.	15	Range	17	County	Ellis	State	Kansas	On Location		Finish	10:45pm
Lease	Wellbreck	Well No.	H-12			Location	Victoria 7S 16W 3S								
Contractor	Southwind Drilling Rigs							Owner	To Quality Oilwell Cementing, Inc.						
Type Job	Surface							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.	1060			Charge To	Samuel Gary Jr. & Associates							
Csg.	8 3/8		Depth	1059			Street								
Tbg. Size			Depth				City	State							
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	42'		Shoe Joint	42'			Cement Amount Ordered 425 Com 38CC 286ml								
Meas Line			Displace	643Bbl											

**EQUIPMENT**

Pumptrk	1	No.	Cementer	Steve	31	Common	425
			Helper				
Bulktrk	4	No.	Driver	Brandon	31	Poz. Mix	
			Driver				
Bulktrk		No.	Driver	Deug	31	Gel.	8
			Driver				

**JOB SERVICES & REMARKS**

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Cement did Circulate	Sand
	Handling 448
	Mileage 18

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	3
Baskets	3
AFU Inserts	
Float Shoe	
Latch Down	
1 Baller Plate	
1 8 3/8 Rubber Plug	
Pumptrk Charge	Long Surface
Mileage	18 (Russell)

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Signature: *Frank Rance*

Tax  
Discount  
Total Charge



PAGE 1 of 2	CUST NO 1003682	INVOICE DATE 05/19/2010
INVOICE NUMBER 1718 - 90318330		

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 Well Brock 1-12  
 O LOCATION  
 B COUNTY ~~Rush~~ Ellis  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40184835	19842-0		Net - 30 days	06/18/2010

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 05/18/2010 to 05/18/2010</i>				
0040184835				
171801801A Cement-New Well Casing/Pi 05/18/2010 CNW-5 1/2" Longstring				
Cement	75.00	EA	7.32	548.97 T
60/40 POZ				
Cement	125.00	EA	6.71	838.70 T
50/50 POZ				
Additives	31.00	EA	2.26	69.96 T
Cello-flake				
Calcium Chloride	210.00	EA	0.64	134.50 T
Calcium Chloride				
Additives	625.00	EA	0.46	285.92 T
Cal-Set				
Additives	104.00	EA	4.57	475.77 T
FLA-322				
Additives	210.00	EA	0.15	32.02 T
Cement Gel				
Additives	1,000.00	EA	0.41	408.67 T
Gilsonite				
Additives	4.00	EA	21.35	85.39 T
CS-1L, KCl Substitute				
Additives	500.00	EA	0.93	466.62 T
Super Flush II				
Cement Float Equipment	1.00	EA	243.99	243.99
Latch Down Plug & Baffle				
Cement Float Equipment	1.00	EA	219.59	219.59
Auto Fill Float Shoe				
Cement Float Equipment	8.00	EA	67.10	536.77
Turbolizer				
Mileage	170.00	MI	4.27	725.86
Heavy Equipment Mileage				
Mileage	723.00	MI	0.98	705.60

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 MAY 27 2010

SAMUEL GARY JR.  
 & ASSOCIATES, INC.

DLB LG  COMP  W/O  LOE  
 AFE # \_\_\_\_\_  
 ACCT # 8200.138  
 APPROVED BY



PAGE	CUST NO	INVOICE DATE
2 of 2	1003682	05/19/2010
INVOICE NUMBER		
1718 - 90318330		

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 Well Brock 1-12  
 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
40184835	19842-0		Net - 30 days	06/18/2010

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Proppant & Bulk Delivery Charges				
Mileage	200.00	MI	0.85	170.79
Blending & Mixing Service Charge				
Pickup	85.00	HR	2.59	220.35
Unit Mileage Charge-Pickups, Vans & Cars				
Pump Charge-Hourly	1.00	HR	1,317.52	1,317.52
Depth Charge: 3001'-4000'				
Extra Equipment	1.00	EA	121.99	121.99
Casing Swivel Rental				
Cementing Head w/Manifold	1.00	EA	152.49	152.49
Plug Container Utilization Charge				
Supervisor	1.00	HR	106.74	106.74
Service Supervisor				

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





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

FIELD SERVICE TICKET  
1718 1001 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>5-18-10</b> DISTRICT <b>KANSAS</b>		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 <b>SAMMUEL GARY JR + ASSC.</b>		LEASE <b>Well Brook</b> 1-12 WELL NO.						
ADDRESS		COUNTY <b>Rush</b> 12-15-17 STATE <b>KANS.</b>						
CITY STATE		SERVICE CREW <b>A. Werth, J. Anthony, M. McGraw</b>						
AUTHORIZED BY		JOB TYPE: <b>5/2 L.S.</b> <i>called</i>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
<b>28443</b>	<b>P.U.</b>	<b>1V2hr</b>				<b>5-18-10</b>	<b>7:00</b>	<b>AM</b>
<b>19889-19842</b>		<b>1V2hr</b>				<b>ARRIVED AT JOB</b>	<b>5-18-10</b>	<b>10:30</b>
<b>19826-19860</b>		<b>1V2hr</b>				<b>START OPERATION</b>	<b>5-18-10</b>	<b>2:00</b>
						<b>FINISH OPERATION</b>	<b>5-18-10</b>	<b>AM</b>
						<b>RELEASED</b>	<b>5-18-10</b>	<b>AM</b>
						<b>MILES FROM STATION TO WELL</b>	<b>8.5 m. / es</b>	

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 Poz		75-SK		\$ 900.00
CP104	60/40 Poz		125-SK		\$ 1375.00
CC102	cell FLAKE		31-lb		\$ 114.20
CC109	Calcium Chloride		210-lb		\$ 270.50
CC113	Cal-set		625-lb		\$ 968.25
CC129	FIA-322		104-lb		\$ 780.00
CC200	Cement Gel		210-lb		\$ 52.50
CC201	Gilsonite		1000-lb		\$ 670.00
CF907	Latch down Plug + Baffle 5/2" (Blue)		1-CA		\$ 400.00
CF1251	Auto Fill Float Shoe 5/2" (Blue)		1-CA		\$ 360.00
CF1651	Turbolizer 5/2" (Blue)		8-CA		\$ 880.00
CC704	CS-16 KCL sub.		4-CA		\$ 140.00
CC155	super Flush II		500-gal		\$ 765.00

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SUB TOTAL **DLS**

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE *Allen F. Werth* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *J. D. B.*  
FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

DATE OF JOB <b>5-18-10</b>		DISTRICT <b>KANSAS</b>		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 <b>Samuel Gary JR. VASSC,</b>		LEASE <b>Wellbrock</b>		1-12 WELL NO.				
ADDRESS		COUNTY <b>Rush</b>		STATE <b>KANSAS</b>				
CITY		STATE		SERVICE CREW <b>A. Worth, J. Anthony, M. McGraw</b>				
AUTHORIZED BY		JOB TYPE: <b>5/2" L.S. G/W</b>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
28443 PU	1 1/2						5-18-10	7:00 AM
19889-19842	1 1/2						5-18-10	10:30 PM
19826-19810	1 1/2						5-18-10	2:00 AM
							5-18-10	3:30 PM
							5-18-10	4:00 PM
MILES FROM STATION TO WELL						<b>8.5 miles</b>		

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		85 mi		\$ 381.25
E101	Heavy Equip. m. long charge		170 m.		\$ 1190.00
E113	Bulk Delivery Charge		723-7m		\$ 1156.00
CE204	Depth Charge 3001-4000'		1-4hrs		\$ 2160.00
CE240	Blending & mixing service charge		200-5K		\$ 280.00
CE501	Casing Swivel Rental		1-CA		\$ 300.00
CE504	Plug container Utilization		1-Job		\$ 250.00
SOB3	Service Supervisor first 8 hrs on job		1-CA		\$ 175.00

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CHEMICAL / ACID DATA:


SUB TOTAL		
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		\$ 7868.21 T.L.S.

SERVICE REPRESENTATIVE Alex & Worth THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

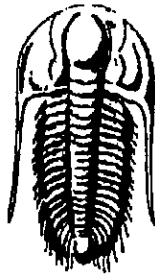
Customer Sammuel Gacy JR & ASSC	Lease No. 1-12	Date 5-18-10
Lease Wellbrook	Well # 1-12	
Field Order # 17181801A	Station Pratt KS	Casing 5/2"
Type Job 2 1/2 L.S.	Depth 3595.66	County Rush
	Formation RTO-3597	State Kansas
		Legal Description 12-15-17

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
5/2		12 BBL	Acid	Super Flush II				
Depth 3595.66	Depth	From	To	25 sks	Pre Pad	60/40 Por, 2	Max scavenger @ 12 #	5 Min.
Volume 8.5 BBL	Volume	From	To	125 sks	Pad	50/50 Por @ 13.8 #	Min	10 Min.
Max Press 1500 #	Max Press	From	To	50 sks	Frac	60/40 Por	99% R.H. + m	15 Min. 14.
Well Connection PC	Annulus Vol.	From	To				HHP Used	Annulus Pressure
Plug Depth 3578.35	Packer Depth	From	To		Flush	Disc-KSL 2%	Gas Volume	Total Load

Customer Representative Kelly Branum	Station Manager scatty	Treater Allen E. Worth
Service Units 28443 19889 19842 19826 19860		
Driver Names Worth James Anthony Mike McGraw		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1030 Am					on loc. Setup, Plan Job Discuss Safety
1130					Rig laying down Kelly Rig up to Run csg
					start 5/2 csg. 15.5 # S.I. 22.42
					w/float shoe + L.O. Baffle in collar
					cent 1-3-5-7-9-11-13-15
					TAG Bottom @ 3597
100					Pickup To 3395.66 - Hookup + CIR
					+ Rotate casing - Good CIR
200	200 #		12	5	Pump 12 BBLs Super flush II
			5	5	Pump 5 BBLs H <sub>2</sub> O spacer
			9	6	Pump 9 BBLs 60/40 Por scavenger @ 12 #
			34	6	Pump 34 BBLs 50/50 Por @ 13.8 #
					F.W. mixing cent - washout P.L.
240					Drop L.O. Plug + start Disp.
	410 #			5	Caught Lift PST w/ 63 BBLs out
300	1200 #		85	4 1/2	Plug down
					Release PST - 0 # "mk"
					Plug Rat Hole w/ 30 sks 60/40 Por
					Plug Mouse Hole w/ 20 sks 60/40 Por
					washup Equip + Ract up
400					Job complete
					Thank: Allen James M. McGraw

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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

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

1515 Wynkoop Ste. 700  
Denver, Co  
80202

ATTN: Tom Fertal

**12-15s-17w Ellis KS**

**Wellbrock 1-12**

Start Date: 2010.05.15 @ 12:52:52

End Date: 2010.05.15 @ 18:46:46

Job Ticket #: 38456                      DST #: 1

~~CONFIDENTIAL~~  
SEP 03 2010  
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Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Samuel Gary Jr. & Assoc., Inc.

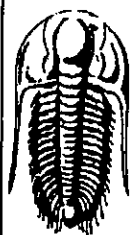
Wellbrock 1-12

12-15s-17w Ellis KS

DST # 1

LKC "A-C"

2010.05.15



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

**12-15s-17w Ellis KS**

Job Ticket: 38456      DST#: 1

Test Start: 2010.05.15 @ 12:52:52

## GENERAL INFORMATION:

Formation: **LKC "A-C"**

Deviated: No Whipstock:                      ft (KB)

Time Tool Opened: 14:19:47

Time Test Ended: 18:46:46

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3176.00 ft (KB) To 3251.00 ft (KB) (TVD)**

Reference Elevations: 1906.00 ft (KB)

Total Depth: 3251.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 7.00 ft

**Serial #: 8647**

Inside

Press@RunDepth: 136.18 psig @ 3182.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.05.15

End Date: 2010.05.15

Last Calib.: 2010.05.15

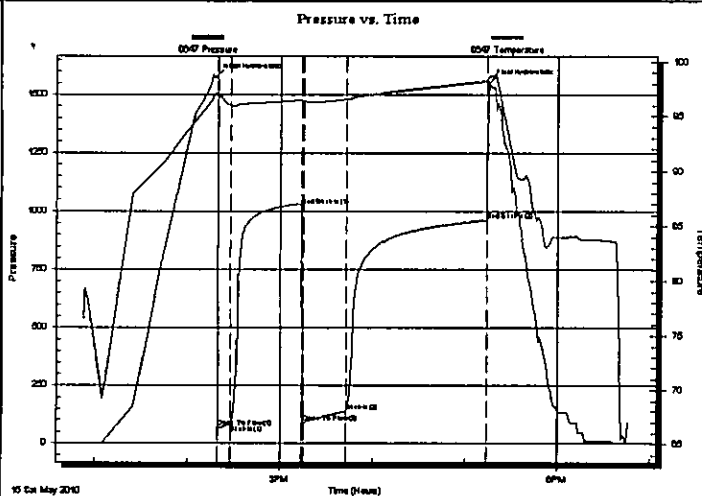
Start Time: 12:52:52

End Time: 18:46:46

Time On Btm: 2010.05.15 @ 14:17:47

Time Off Btm: 2010.05.15 @ 17:14:46

**TEST COMMENT:** IFP - BOB 1 min.  
ISI - no blow back  
FFP - BOB 30 sec.  
FSI - 9" blow back



## PRESSURE SUMMARY

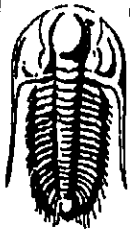
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1574.52	97.10	Initial Hydro-static
2	66.82	96.73	Open To Flow (1)
10	80.86	96.02	Shut-In (1)
56	1023.36	96.52	End Shut-In (1)
57	88.22	96.33	Open To Flow (2)
85	136.18	96.57	Shut-In (2)
176	962.09	98.26	End Shut-In (2)
177	1551.72	98.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
140.00	GOOM 20%G, 10%O, 70%M	1.96
90.00	FREE OIL 95%O, 5%M	1.26

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Samuel Gary Jr. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

**12-15s-17w Ellis KS**

Job Ticket: 38456      DST#: 1  
Test Start: 2010.05.15 @ 12:52:52

### Tool Information

Drill Pipe:	Length: 3161.00 ft	Diameter: 3.80 inches	Volume: 44.34 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 44.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3176.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3154.00	
Hydraulic tool	5.00			3159.00	
Jars	5.00			3164.00	
Safety Joint	2.00			3166.00	
Packer	5.00			3171.00	27.00 Bottom Of Top Packer
Packer	5.00			3176.00	
Stubb	1.00			3177.00	
Perforations	4.00			3181.00	
Change Over Sub	1.00			3182.00	
Recorder	0.00	8647	Inside	3182.00	
Recorder	0.00	8371	Outside	3182.00	
Blank Spacing	63.00			3245.00	
Change Over Sub	1.00			3246.00	
Perforations	2.00			3248.00	
Bullnose	3.00			3251.00	75.00 Bottom Packers & Anchor

**Total Tool Length: 102.00**



**TRILOBITE**  
**TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

**12-15s-17w Ellis KS**

Job Ticket: 38456      DST#: 1  
Test Start: 2010.05.15 @ 12:52:52

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 54.00 sec/qt  
Water Loss: 7.57 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4200.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 27 deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

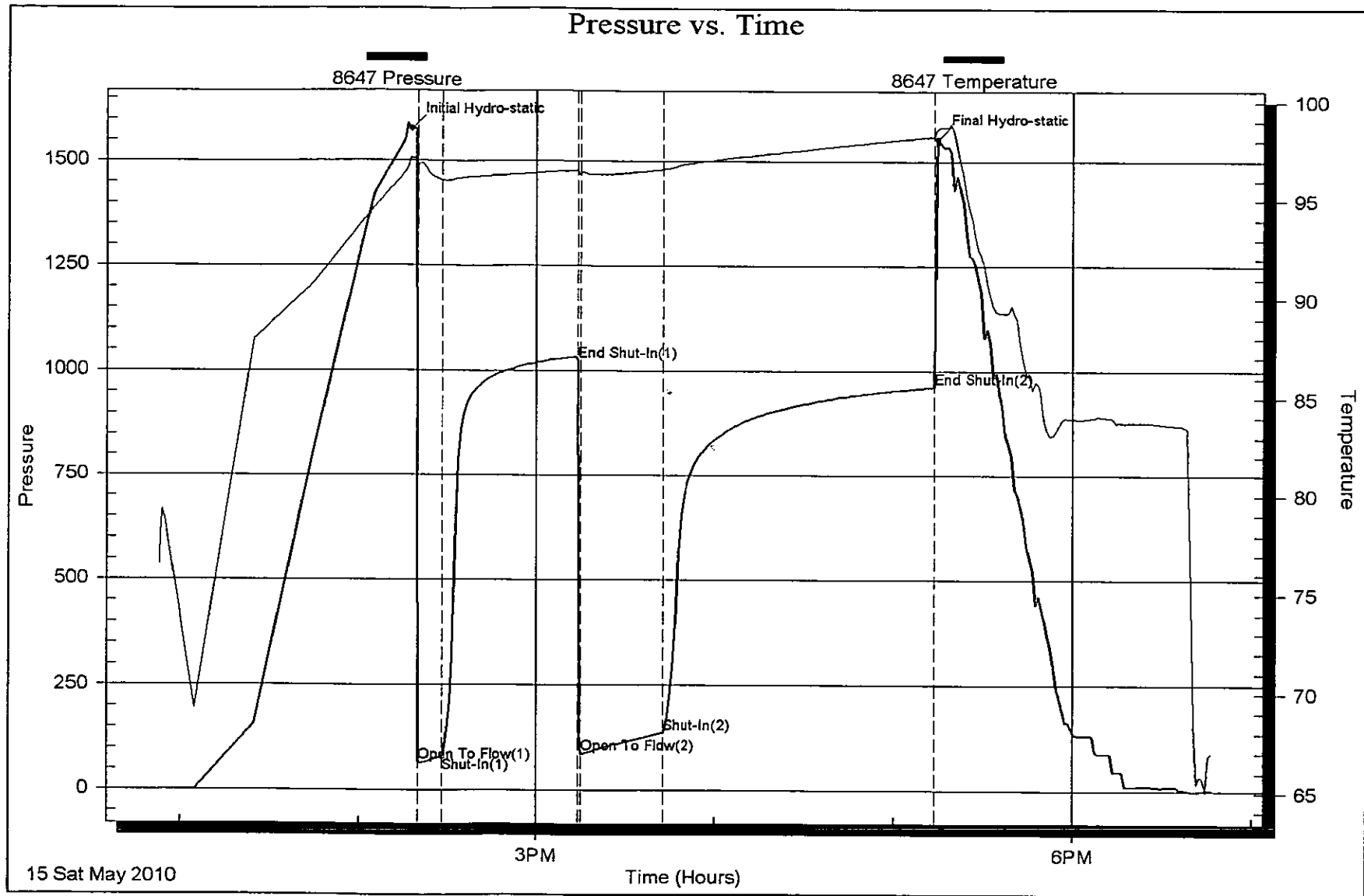
Length ft	Description	Volume bbl
140.00	GOCM 20%G, 10%O, 70%M	1.964
90.00	FREE OIL 95%O, 5%M	1.262

Total Length: 230.00 ft      Total Volume: 3.226 bbl

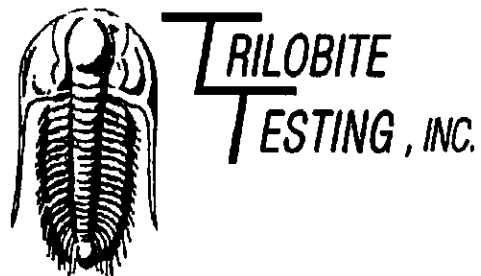
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

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

1515 Wynkoop Ste. 700  
Denver, Co  
80202

ATTN: Tom Fertal

**12-15s-17w Ellis KS**

**Wellbrock 1-12**

Start Date: 2010.05.16 @ 03:11:21

End Date: 2010.05.16 @ 08:30:15

Job Ticket #: 38457                      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. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

**12-15s-17w Ellis KS**

Job Ticket: 38457      DST#: 2  
Test Start: 2010.05.16 @ 03:11:21

### GENERAL INFORMATION:

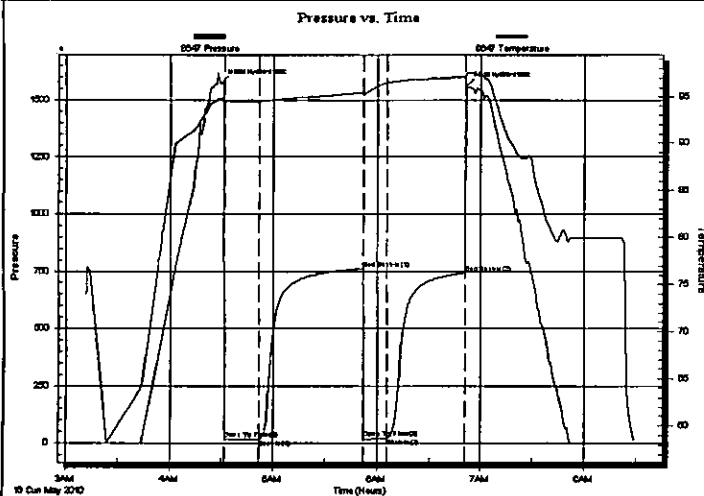
Formation: **LKC "F-G"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:31:16  
 Time Test Ended: 08:30:15  
 Interval: **3255.00 ft (KB) To 3284.00 ft (KB) (TVD)**  
 Total Depth: **3284.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: KB to GR/CF: **7.00 ft**  
 Test Type: Conventional Bottom Hole  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 1906.00 ft (KB)  
 1899.00 ft (CF)

### Serial #: 8647

Inside

Press@RunDepth: 20.47 psig @ 3256.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.05.16 End Date: 2010.05.16 Last Calib.: 2010.05.16  
 Start Time: 03:11:21 End Time: 08:30:15 Time On Btm: 2010.05.16 @ 04:29:16  
 Time Off Btm: 2010.05.16 @ 06:51:46

TEST COMMENT: IFP - strong sur blow throughout  
 ISI - no blow back  
 FFP - no blow  
 FSI - no blow back



### PRESSURE SUMMARY

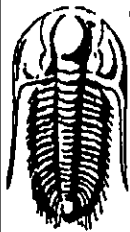
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1576.71	94.85	Initial Hydro-static
2	16.74	94.19	Open To Flow (1)
23	19.04	94.48	Shut-In(1)
83	760.92	95.50	End Shut-In(1)
83	19.81	95.35	Open To Flow (2)
97	20.47	96.52	Shut-In(2)
142	741.91	97.11	End Shut-In(2)
143	1564.25	97.38	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
6.00	VSOOM 5%O, 95%M	0.08

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Samuel Gary Jr. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

**12-15s-17w Ellis KS**  
Job Ticket: 38457      DST#: 2  
Test Start: 2010.05.16 @ 03:11:21

**Tool Information**

Drill Pipe:	Length: 3254.00 ft	Diameter: 3.80 inches	Volume: 45.65 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 45.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3255.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3233.00	
Hydraulic tool	5.00			3238.00	
Jars	5.00			3243.00	
Safety Joint	2.00			3245.00	
Packer	5.00			3250.00	27.00      Bottom Of Top Packer
Packer	5.00			3255.00	
Stubb	1.00			3256.00	
Recorder	0.00	8647	Inside	3256.00	
Recorder	0.00	8371	Outside	3256.00	
Perforations	25.00			3281.00	
Bullnose	3.00			3284.00	29.00      Bottom Packers & Anchor

**Total Tool Length: 56.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

**12-15s-17w Ellis KS**  
Job Ticket: 38457      DST#: 2  
Test Start: 2010.05.16 @ 03:11:21

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 54.00 sec/qt  
Water Loss: 7.57 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4200.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

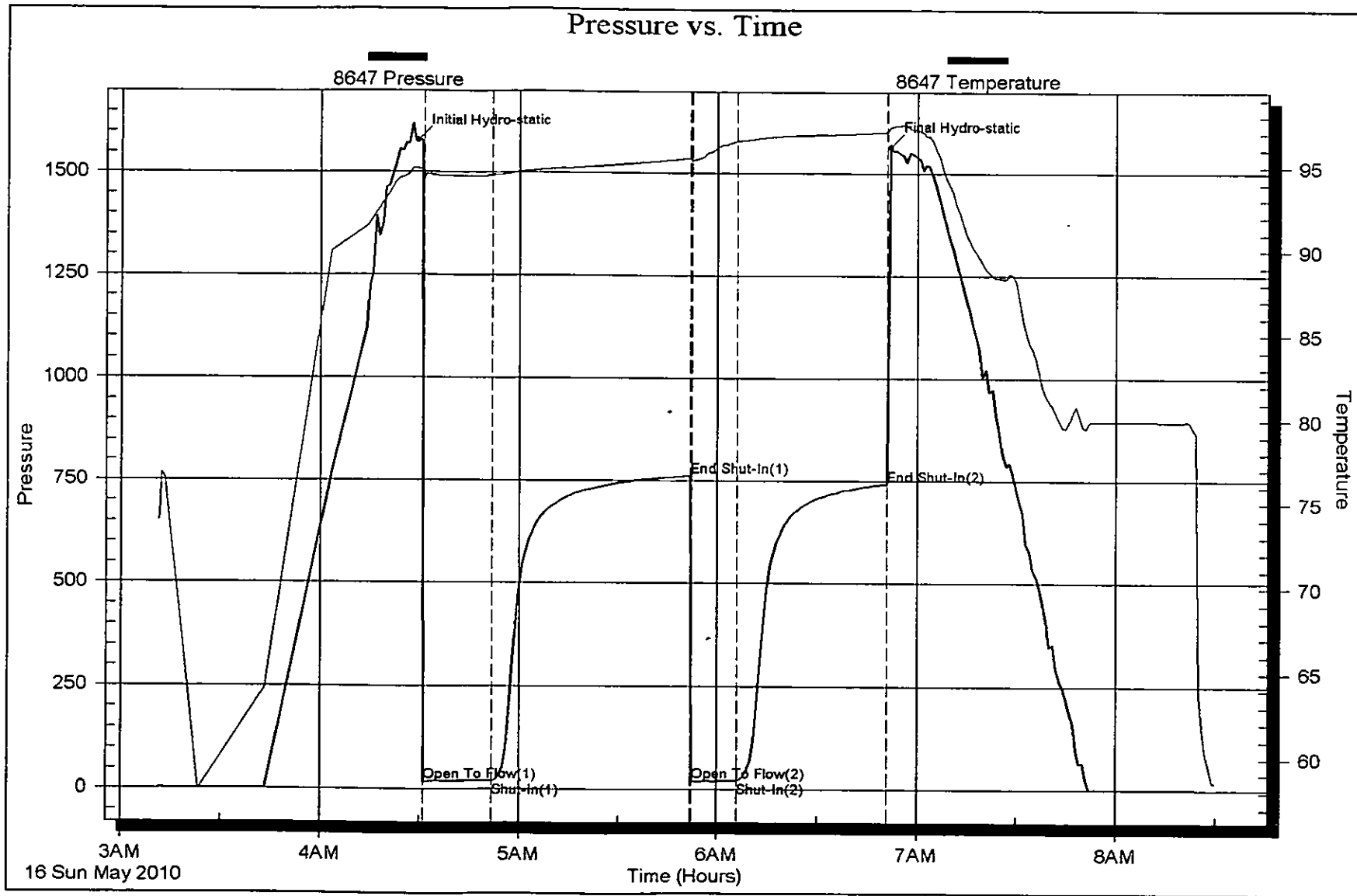
Length ft	Description	Volume bbl
6.00	VSOCM 5%O, 95%M	0.084

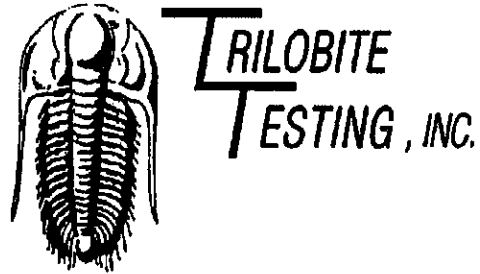
Total Length: 6.00 ft      Total Volume: 0.084 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

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

1515 Wynkoop Ste. 700  
Denver, Co  
80202

ATTN: Tom Fertal

**12-15s-17w Ellis KS**

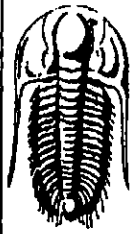
**Wellbrock 1-12**

Start Date: 2010.05.16 @ 18:17:04

End Date: 2010.05.17 @ 02:54:59

Job Ticket #: 38458                      DST #: 3

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. & Assoc., Inc.

Wellbrock 1-12

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

12-15s-17w Ellis KS

Job Ticket: 38458      DST#: 3

Test Start: 2010.05.16 @ 18:17:04

### GENERAL INFORMATION:

Formation: **LKC "H-I"**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 20:02:59  
Time Test Ended: 02:54:59

Test Type: **Conventional Bottom Hole**  
Tester: **Brian Fairbank**  
Unit No: **41**

Interval: **3317.00 ft (KB) To 3360.00 ft (KB) (TVD)**  
Total Depth: **3360.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **1906.00 ft (KB)**  
**1899.00 ft (CF)**  
KB to GR/CF: **7.00 ft**

### Serial #: 8647

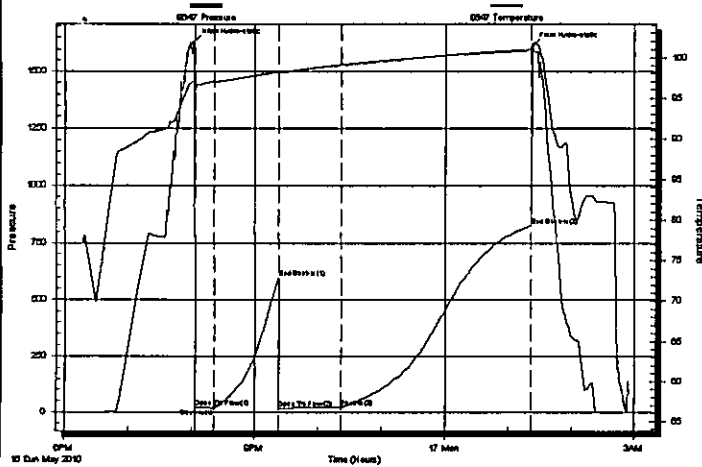
Inside

Press@RunDepth: **22.29 psig @ 3323.00 ft (KB)**  
Start Date: **2010.05.16**      End Date: **2010.05.17**  
Start Time: **18:17:04**      End Time: **02:54:59**

Capacity: **8000.00 psig**  
Last Calib.: **2010.05.17**  
Time On Btm: **2010.05.16 @ 20:01:29**  
Time Off Btm: **2010.05.17 @ 01:22:59**

TEST COMMENT: IFP - weak blow throughout sur - 1/2"  
ISI - no blow back  
FFP - weak to good blow 2 1/2" - 6"  
FSI - no blow back

Pressure vs. Time



### PRESSURE SUMMARY

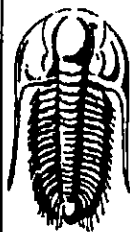
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1626.18	96.99	Initial Hydro-static
2	19.82	95.98	Open To Flow (1)
20	19.27	96.95	Shut-In(1)
81	596.84	98.22	End Shut-In(1)
81	17.72	98.08	Open To Flow (2)
140	22.29	99.08	Shut-In(2)
320	824.88	100.98	End Shut-In(2)
322	1608.88	101.70	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 15%O, 85%M	0.42
0.00	60' GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Samuel Gary Jr. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fernal

**12-15s-17w Ellis KS**

Job Ticket: 38458      DST#: 3  
Test Start: 2010.05.16 @ 18:17:04

**Tool Information**

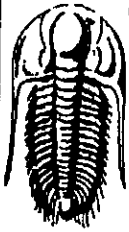
Drill Pipe:	Length: 3318.00 ft	Diameter: 3.80 inches	Volume: 46.54 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 46.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3317.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3295.00	
Hydraulic tool	5.00			3300.00	
Jars	5.00			3305.00	
Safety Joint	2.00			3307.00	
Packer	5.00			3312.00	27.00 Bottom Of Top Packer
Packer	5.00			3317.00	
Stubb	1.00			3318.00	
Perforations	4.00			3322.00	
Change Over Sub	1.00			3323.00	
Recorder	0.00	8647	Inside	3323.00	
Recorder	0.00	8371	Outside	3323.00	
Blank Spacing	31.00			3354.00	
Change Over Sub	1.00			3355.00	
Perforations	2.00			3357.00	
Bullnose	3.00			3360.00	43.00 Bottom Packers & Anchor

**Total Tool Length: 70.00**





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr. & Assoc., Inc.

**Wellbrock 1-12**

1515 Wynkoop Ste. 700  
Denver, Co  
80202  
ATTN: Tom Fertal

**12-15s-17w Ellis KS**  
Job Ticket: 38458      **DST#: 3**  
Test Start: 2010.05.16 @ 18:17:04

### 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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 15%O, 85%M	0.421
0.00	60' GIP	0.000

Total Length: 30.00 ft      Total Volume: 0.421 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

