

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

**CONFIDENTIAL**

RECEIVED  
JUL 19 2010  
KCC WICHITA  
7/15/12

Operator: License # 3882 **KCC**  
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  
License: 33350  
Wellsite Geologist: TIM HEDRICK

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. \_\_\_\_\_

<sup>22</sup>  
Spud Date or 3/20/2010 Date Reached TD 3/27/10 Completion Date or 4/07/2010  
Recompletion Date per geo report or KCC file Recompletion Date

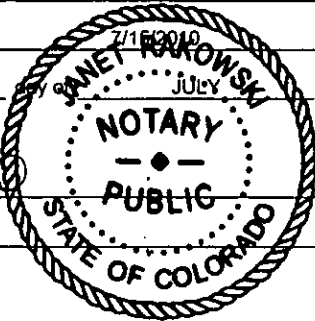
API No. 15 - 15-051-25940-0000  
County: Ellis  
SE SW NW SE Sec. 36 Twp. 15 S. R. 16  East  West  
1350 feet from SOUTH Line of Section  
2000 feet from EAST Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: BOXBERGER Well #: 1-38  
Field Name: WILDCAT  
Producing Formation: LANSING  
Elevation: Ground: 1934' Kelly Bushing: 1944'  
Total Depth: 3597' Plug Back Total Depth: 3565'  
Amount of Surface Pipe Set and Cemented at 1044 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 ADINS 7-21-10  
(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 G. Fertal  
Title: SR. GEOLOGIST Date: \_\_\_\_\_  
Subscribed and sworn to before me this 15TH day of JULY, 2010  
Notary Public: Janez Rakowski  
Date Commission Expires: 08/05/2013



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached 7/15/10 - 7/15/12  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

NOV 19 2010

Operator Name: SAMUEL GARY JR & ASSOCIATES, INC. Lease Name: BOXBERGER Well #: 1-36  
 Sec. 36 Twp. 15 S. R. 16  East  West County: ELLIS **CONFIDENTIAL**

**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	2926'	-982'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3151'	-1207'
List All E. Logs Run:	DUAL INDUCTION	DOUGLAS	3184'	-1240'
	DENSITY - NEUTRON	LANSING	3204'	-1260'
	SONIC LOG	ARBUCKLE	3488'	-1544'
	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
SURFACE	12-1/4"	8-5/8"	24	1044'	CLASS A	400	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 JSPF	3386'-96'		500 gallons 20% MCA with 3% MAS	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	3528'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
4/13/10			<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
	50	0	0		

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

METHOD OF COMPLETION Production Interval  
 \_\_\_\_\_ 3386'-96'

If vented, submit ACO-18.)

Quality Oilwell Cementing Inc.

1003-AP-502

# Invoice

740 W WICHITA  
P.O. Box 32  
Russell, KS 67665

4115

Date	Invoice #
3/23/2010	2393

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

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P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Amount
400	common	10.50
8	GEL	17.00
14	Calcium	42.00
100	Celloseal	200.00
422	handling	844.00
1	MILEAGE CHARGE	550.00
1	8 5/8 solid rubber plug	102.00
3	8 5/8 basket	175.00
3	8 5/8" centralizers	66.66667
1	8 5/8 baffle plate	105.00
1	surface pipe 500-1500ft	550.00
23	pump truck mileage charge	7.00
1,211	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00
421	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00
	LEASE: BOXBERGER WELL #1-36	
	Ellis county Sales Tax	5.30%
		256.79

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MAR 30 2010

SAMUEL GARY JR  
& ASSOCIATES, INC.

DRLG  COMP  W/O  LOE

AFE # \_\_\_\_\_

ACCT # 9200-138

APPROVED BY [Signature]

Thank you for your business. Dave

**Total** \$6,785.79

# QUALITY OILWELL CEMENTING, INC.

785-483-2025

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

No. 3962

785-324-1041

Date	3-23-10	Sec.	36	Twp.	15	Range	16	County	Ellis	State	Ks	On Location	Finish				
Lease	Boxberger	Well No.	1-36		Location									Russell, Ks S to Co /IND			
Contractor	Southwind Oils #1				Owner									11 W N INTO			
Type Job	SURFACE				To Quality Oilwell Cementing, Inc.									You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	10 1/4		T.D.		1040												
Csg.	8 5/8 24"		Depth		1044.30									Charge To	SAM GARY JR & ASSOC		
Tbg. Size			Depth											Street			
Tool			Depth											City	State		
Cement Left in Csg.			Shoe Joint		20.30									The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line			Displace		65 Bbl									Cement Amount Ordered			
<b>EQUIPMENT</b>												400x Common 2% GEL 3% CL 1/4" CP					
Pumptrk	5	No.	Cementer Helper		JOE		Common					400					
Bulktrk	4	No.	Driver		ROCKY		Poz. Mix					KCC					
Bulktrk	PV	No.	Driver		T000		Gel.					8					
<b>JOB SERVICES &amp; REMARKS</b>												Calcium		14			
Remarks:	Run 26 #s 8 5/8 24"											Hulls		CONFIDENTIAL			
Rat Hole												Salt					
Mouse Hole												Flowseal		100"		RECEIVED	
Centralizers	2-15-25											Kol-Seal				JUL 19 2010	
Baskets	2 15 25											Mud CLR 48				KCC WICHITA	
D/V or Port Collar												CFL-117 or CD110 CAF 38					
Mix & Pump	400x Common											Sand					
	2% GEL 3% CL 1/4" CP											Handling		422			
	15" /gal 1-36 #s											Mileage		OB PER SX PER MILE			
														8 5/8 FLOAT EQUIPMENT			
SHUT DOWN												Guide Shoe					
RELEASE PLUG												Centralizer		3			
												Baskets		3			
												AFU Inserts					
												Float Shoe					
												Latch Down					
												Pumptrk Charge		SURFACE			
												Mileage		2.3			
												Tax					
												Discount					
												Total Charge					

THANKS  
 TO THE ROCKY  
 SIGNATURE: *Frank Rome*  
 PLEASE CALL AGAIN



PAGE 1 of 2	CUST NO 1003682	INVOICE DATE 03/31/2010
INVOICE NUMBER 1718 - 90281108		

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 Box Berger 1-36  
 O LOCATION  
 B COUNTY Ellis  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40165961	19842		Net - 30 days	04/30/2010
For Service Dates: 03/30/2010 to 03/30/2010				
0040165961				
171801490A Cement-New Well Casing/Pi 03/30/2010				
5 1/2" Longstring				
Cement		125.00 EA	5.61	701.25 T
50/50 POZ		75.00 EA	6.12	459.00 T
Cement		31.00 EA	1.89	58.50 T
60/40 POZ		210.00 EA	0.54	112.46 T
Additives		625.00 EA	0.38	239.06 T
Cello-flake		104.00 EA	3.83	397.80 T
Calcium Chloride		210.00 EA	0.13	26.78 T
Additives		1,000.00 EA	0.34	341.70 T
Cal-Set		4.00 EA	17.85	71.40 T
Additives		500.00 EA	0.78	390.15 T
FLA-322		1.00 EA	204.00	204.00
Additives		1.00 EA	183.60	183.60
Cement Gel		8.00 EA	56.10	448.80
Additives		170.00 MI	3.57	606.90
Gilsonite		723.00 MI	0.82	589.97
Additives		85.00 HR	2.17	184.24
CS-1L, KCL Substitute				
Additives				
Super Flush II				
Cement Float Equipment				
Latch Down Plug & Baffle, 5 1/2" (Blue)				
Cement Float Equipment				
Auto Fill Float Shoe 5 1/2" (Blue)				
Cement Float Equipment				
Turbolizer, 5 1/2" (Blue)				
Mileage				
Heavy Equipment Mileage				
Mileage				
Proppant and Bulk Delivery Charges				
Pickup				

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 SAMUEL GARY JR.  
 & ASSOCIATES, INC.

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DRLG  COMP  W/O  LOE

AFE # \_\_\_\_\_  
 ACCT # 9200-138  
 APPROVED BY [Signature]



**BASIC**  
ENERGY SERVICES

PAGE	CUST NO	INVOICE DATE
2 of 2	1003682	03/31/2010
INVOICE NUMBER		
1718 - 90281108		

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 Box Berger  
O LOCATION  
B COUNTY Ellis  
S STATE KS  
I JOB DESCRIPTION Cement-New Well Casing/Pi  
E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE	
40165961	19842			Net - 30 days	04/30/2010	
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Unit Mileage Charge-Pickups, Vans & Cars						
Mileage			200.00	MI	0.71	142.80
Blending & Mixing Service Charge						
Supervisor			1.00	HR	89.25	89.25
Service Supervisor						
Pump Charge-Hourly			1.00	HR	1,101.59	1,101.59
Depth Charge; 3001-4000'						
Cementing Head w/Manifold			1.00	EA	127.50	127.50
Plug Container Utilization Charge						
Extra Equipment			1.00	EA	102.00	102.00
Casing Swivel Rental						

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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,578.75
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	148.30
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	6,727.05
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

**FIELD SERVICE TICKET**  
1718 1490 A

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

DATE OF JOB <u>3-30-10</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>Box Berger</u> 1-36 WELL NO.						
ADDRESS _____				COUNTY <u>Ellis</u> 36-15-16 STATE <u>Kans.</u>						
CITY _____ STATE _____				SERVICE CREW <u>A. Werth, James Anthony, D. Phyc</u>						
AUTHORIZED BY _____				JOB TYPE: <u>5 1/8" L.S.</u> <u>CDW</u>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>28443</u>	<u>P.U.</u>	<u>1.12</u>					<u>3-30-10</u>			<u>4:45</u>
<u>19889-19842</u>	<u>1.12</u>					ARRIVED AT JOB	<u>3-30-10</u>			<u>5:45</u>
<u>19960-19918</u>	<u>1.12</u>					START OPERATION	<u>3-30-10</u>			<u>12:15</u>
						FINISH OPERATION	<u>3-30-10</u>			<u>1:00</u>
						RELEASED	<u>3-30-10</u>			<u>1:42</u>
						MILES FROM STATION TO WELL	<u>8.5-miles</u>			

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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>LP104</u>	<u>50/50 Por</u>		<u>125-sk</u>		<u>\$ 1375.00</u>	
<u>CP103</u>	<u>60/40 Por</u>		<u>75-sk</u>		<u>\$ 900.00</u>	
<u>CC102</u>	<u>cell FLAKE</u>		<u>31-lb</u>		<u>\$ 114.70</u>	
<u>CC109</u>	<u>Calcium Chloride</u>		<u>210-lb</u>		<u>\$ 220.50</u>	
<u>CC113</u>	<u>cal-set</u>		<u>625-lb</u>		<u>\$ 468.75</u>	
<u>CC129</u>	<u>FLA-322</u>		<u>104-lb</u>		<u>\$ 780.00</u>	
<u>CC200</u>	<u>Cement Gel</u>		<u>210-lb</u>		<u>\$ 52.50</u>	
<u>CC201</u>	<u>Gilsonite</u>		<u>1000-lb</u>		<u>\$ 670.00</u>	
<u>CF04</u>	<u>CS-16 KCL Sub.</u>		<u>4-gal</u>		<u>\$ 140.00</u>	
<u>CC155</u>	<u>superflush II</u>		<u>500-gal</u>		<u>\$ 765.00</u>	
<u>CF607</u>	<u>Latch down Plug &amp; Baffle 5/8" (Blue)</u>		<u>1-en</u>		<u>\$ 400.00</u>	
<u>CF1251</u>	<u>Auto Fill Float Shoe 5/8" (Blue)</u>		<u>1-en</u>		<u>\$ 360.00</u>	
<u>CF1651</u>	<u>Turbolizer 5/8" (Blue)</u>		<u>8-en</u>		<u>\$ 880.00</u>	
					SUB TOTAL	<u>DLS</u>

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

FIELD SERVICE ORDER NO. \_\_\_\_\_



**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~~ ~~1491~~ A

DATE \_\_\_\_\_ TICKET NO. 1490A

DATE OF JOB <u>3-30-10</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 &amp; ASSC. INC</u>		LEASE <u>Bayhager</u> 1-36 WELL NO.								
ADDRESS _____		COUNTY <u>Ellis</u> 36-15-16 STATE <u>KANS.</u>								
CITY _____ STATE _____		SERVICE CREW <u>A. Worth, J. Anthony, D. Pyle</u>								
AUTHORIZED BY _____		JOB TYPE: <u>5 1/8" L.S.</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>28443 PU</u>	<u>1.15</u>						<u>3-30-10</u>			<u>445</u>
<u>19889-19842</u>	<u>1.15</u>					ARRIVED AT JOB	<u>3-30-10</u>			<u>545</u>
<u>19960-19918</u>	<u>1.15</u>					START OPERATION	<u>3-30-10</u>			<u>1215</u>
						FINISH OPERATION	<u>3-30-10</u>			<u>100</u>
						RELEASED	<u>3-30-10</u>			<u>145</u>
						MILES FROM STATION TO WELL	<u>8.5 miles</u>			

KCC  
ML 7 5 2010  
CONFIDENTIAL

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
E101	Heavy Equip mileage		170-m.		\$ 1190.00
E113	Bulk Delivery Charge		723-TM		\$ 1156.80
E100	Unit mileage charge pickup		85-m.		\$ 361.25
CE240	Blending & mixing Service Chg.		200-sk		\$ 280.00
S003	Service Supervisor first 8hrs on Loc.		1-CA		\$ 175.00
CE204	Depth Charge 3001'-4000'		1-4hrs		\$ 2160.00
CE504	Plug container utilization chg		1-Job		\$ 250.00
CE501	Casing swivel Rental		1-CA		\$ 200.00
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SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL 6578.75  
DLS

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

FIELD SERVICE ORDER NO.



# BASIC

energy services, L.P.

## TREATMENT REPORT

KCC  
JUL 15 2010  
CONFIDENTIAL

Customer SAM GANG JR. & ASSC INC	Lease No. INC	Date 3-30-10
Well # 1-36	Station Pratt KS	County Ellis
Field Order # 17181490A	Casing 5 1/2"	Depth RTD 3600 - LTD 3597
Type Job 5 1/2" L.S.	Formation CNW	Legal Description 36-15-16

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2"		12 BBL		Super flush II				
Depth 3594.87	Depth	From	To 25 sk	Pre Pad 60/40 Por sc	Max 12 #		5 Min.	
Volume 85 BBL	Volume	From	To 125 sk	Pad 50/50 Por	Min 13.8 #	1.53	10 Min.	1/17 sk
Max Press 1300 #	Max Press	From	To 50 sks	Frac 60/40 Por P	Avg R/H + M/H		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 3572.57	Packer Depth	From	To	Flush P.SP CIA-MAX H <sub>2</sub> O	Gas Volume		Total Load	

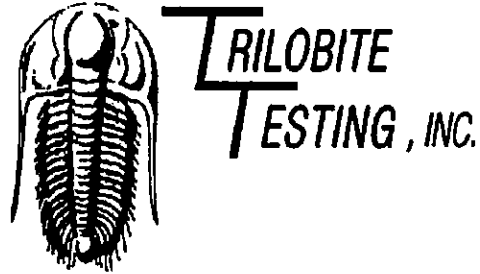
Customer Representative: Kelly Branum  
Station Manager: Scotty  
Treater: Allen Fulcrth

Service Units	28443	19889	19842	19910	19918
Driver Names	Worth	James	Anthony	Dale	Phye

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:45 AM					on loc. Discuss Safety, Set up Plan Job
6:15					Start Laying down D.P.
					out of Hole - Rig up to Run 5 1/2" casing 15.5 #
9:47					start casing shoe. To wt 22.27
					w/ Float shoe + I.D. Baffle
					cent-1-3-5-7-9-11-13-15
11:15					Tag @ Bottom 3600' Pick up to 3595' Rotato + circ - "Good circ"
12:15 PM	130 #		12	5	Pump 12 BBLs Super flush II
			3	5	max Pump 3 BBLs H <sub>2</sub> O spacer
			9	5	mix + Pump. 25 sks 60/40 - scavenge @ 12 #
				5	mix + Pump 125 sks 50/50 Por @ 13.8 #
			34		Finish mix
12:31				8	Washout Pump + Line. Start Disp.
	250 #				through 1 ft PST w/ 13 BBL ou'
1:45	1500 #		8.5	4	Plug down.
	0 #				Release PST - OK.
					Plug Rat Hole + Mouse Hole
					w/ 50 sks 60/40 Por.
					washup Equip. + Rack up
1:45					Job complete
					Thanks Allen, James, Dale

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**DRILL STEM TEST REPORT**

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

1515 Wynkoop St  
Suite 700  
Denver, CO 80202

ATTN: Tom Fertal

**36 15S16W Ellis KS**

**Boxberger #1-36**

Start Date: 2010.03.27 @ 03:35:12

End Date: 2010.03.27 @ 10:50:12

Job Ticket #: 37252                      DST #: 1

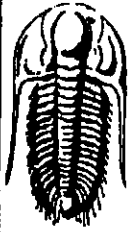
KCC  
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KCC WICHITA

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.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

**36 15S16W Ellis KS**

Job Ticket: 37252      DST#: 1

Test Start: 2010.03.27 @ 03:35:12

### GENERAL INFORMATION:

Formation: **LKC "C-D"**

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

Time Tool Opened: 05:27:12

Time Test Ended: 10:50:12

Test Type: **Conventional Bottom Hole**

Tester: **Tyson Flax**

Unit No: **44**

Interval: **3217.00 ft (KB) To 3264.00 ft (KB) (TVD)**

Reference Elevations:      1944.00 ft (KB)

Total Depth: **3264.00 ft (KB) (TVD)**

1934.00 ft (CF)

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

KB to GR/CF:      10.00 ft

**Serial #: 6669**

Inside

Press@RunDepth:      342.43 psig @      3224.00 ft (KB)

Capacity:                      8000.00 psig

Start Date:              2010.03.27

End Date:

2010.03.27

Last Calib.:

2010.03.27

Start Time:              03:35:13

End Time:

10:50:12

Time On Btm:

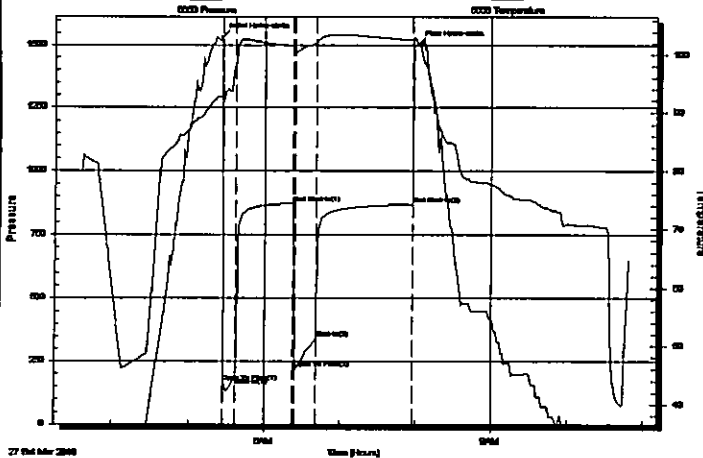
2010.03.27 @ 05:26:12

Time Off Btm:

2010.03.27 @ 08:01:42

**TEST COMMENT:** IFP-BOB in 40 sec  
IS-BOB in 2 min GTS in 35 min  
FFP-BOB in 10 sec  
FSI-BOB in 1 min

Pressure vs. Time



### PRESSURE SUMMARY

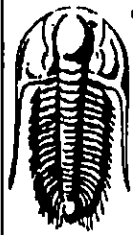
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1531.95	92.68	Initial Hydro-static
1	167.11	92.07	Open To Flow (1)
11	183.86	98.25	Shut-In(1)
57	872.05	101.48	End Shut-In(1)
58	219.26	100.98	Open To Flow (2)
75	342.43	101.97	Shut-In(2)
151	868.33	102.56	End Shut-In(2)
156	1502.26	101.88	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMCO 20%G,55%O,15%M	1.70
730.00	GCO 20%G,80%O	10.35
0.00	GTS	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Samuel Gary Jr & Associates, Inc.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

**36 15S16W Eills KS**

Job Ticket: 37252      DST#: 1

Test Start: 2010.03.27 @ 03:35:12

**Tool Information**

Drill Pipe:	Length: 3217.00 ft	Diameter: 3.82 inches	Volume: 45.60 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3217.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	75.00 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			3190.00	
Shut In Tool	5.00			3195.00	
Hydraulic tool	5.00			3200.00	
Jars	5.00			3205.00	
Safety Joint	2.00			3207.00	
Packer	5.00			3212.00	28.00      Bottom Of Top Packer
Packer	5.00			3217.00	
Stubb	1.00			3218.00	
Perforations	5.00			3223.00	
Change Over Sub	1.00			3224.00	
Recorder	0.00	6668	Inside	3224.00	
Recorder	0.00	6669	Inside	3224.00	
Blank Spacing	31.00			3255.00	
Change Over Sub	1.00			3256.00	
Perforations	5.00			3261.00	
Bullnose	3.00			3264.00	47.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>75.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr & Associates, Inc.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

**36 15S16W Ellis KS**

Job Ticket: 37252

DST#: 1

Test Start: 2010.03.27 @ 03:35:12

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.57 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

43 deg API

Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GMCO 20%G,55%O,15%M	1.701
730.00	GCO 20%G,80%O	10.348
0.00	GTS	0.000

Total Length: 850.00 ft      Total Volume: 12.049 bbl

Num Fluid Samples: 0

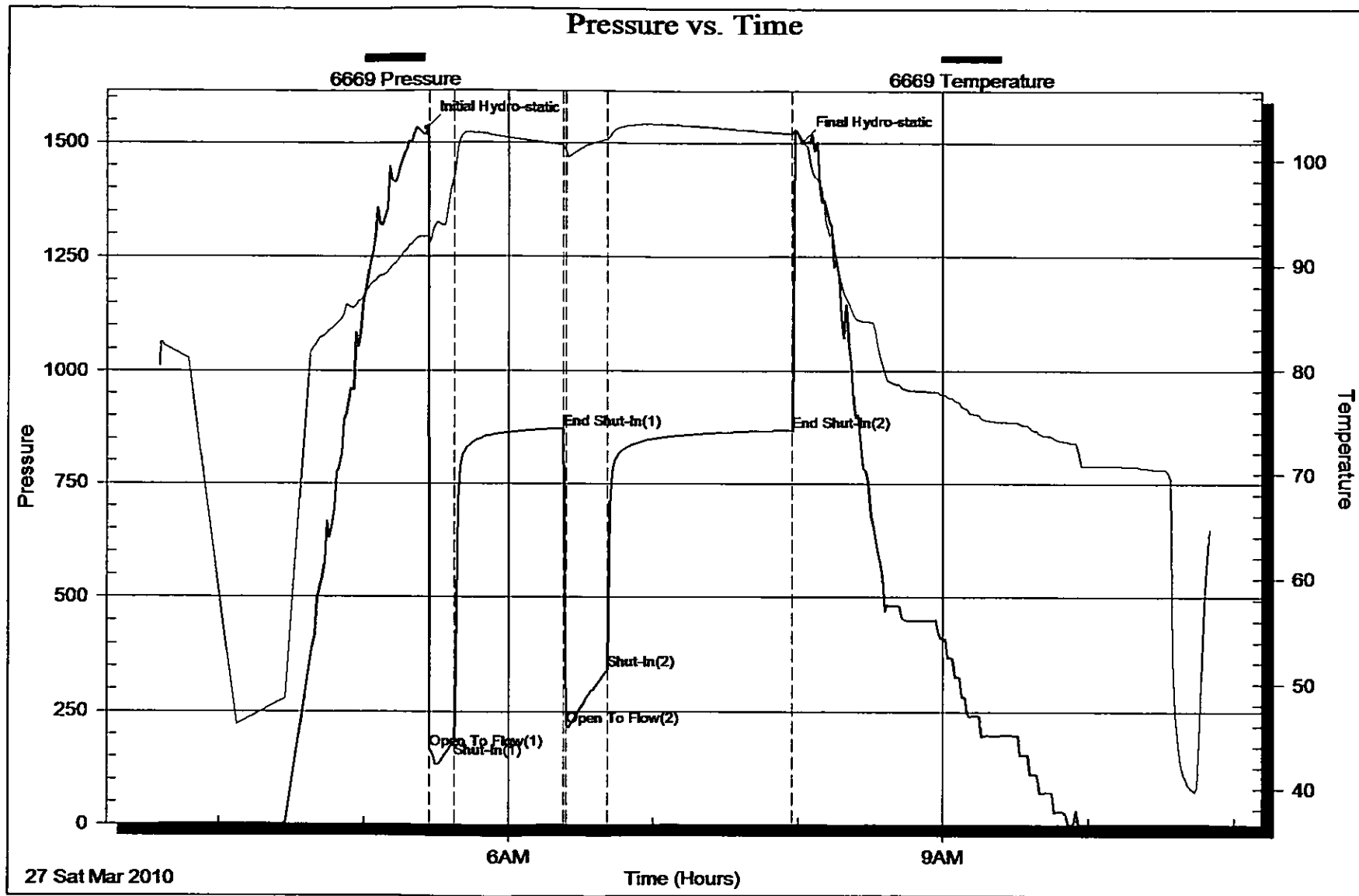
Num Gas Bombs: 0

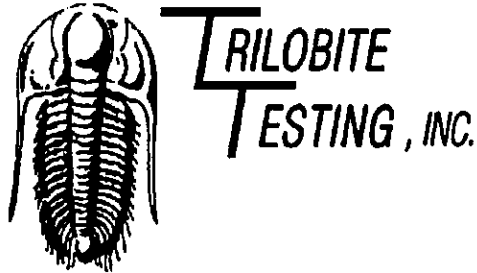
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**DRILL STEM TEST REPORT**

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

1515 Wynkoop St  
Suite 700  
Denver, CO 80202

ATTN: Tom Fertal

**36 15S16W Ellis KS**

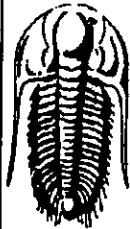
**Boxberger #1-36**

Start Date: 2010.03.28 @ 07:30:22

End Date: 2010.03.28 @ 14:40:52

Job Ticket #: 37253                      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.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

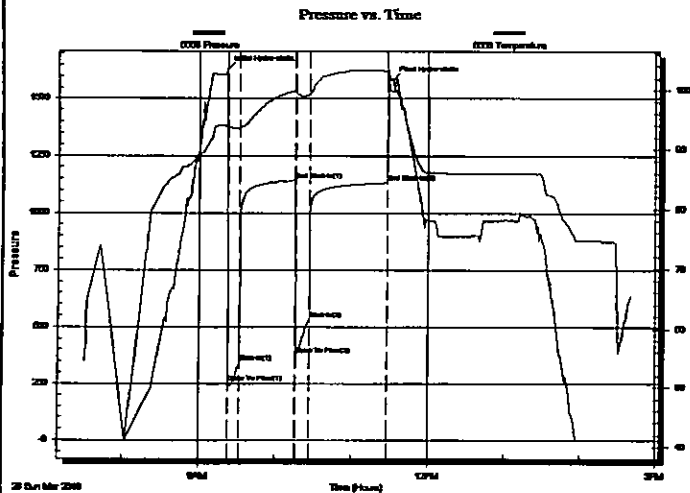
**36 15S16W E11s KS**  
Job Ticket: 37253      DST#: 2  
Test Start: 2010.03.28 @ 07:30:22

### GENERAL INFORMATION:

Formation: <b>LKC "I-J"</b>		Test Type: <b>Conventional Bottom Hole</b>
Deviated: <b>No</b> Whipstock: <b>ft (KB)</b>		Tester: <b>Tyson Flax</b>
Time Tool Opened: <b>09:22:52</b>		Unit No: <b>44</b>
Time Test Ended: <b>14:40:52</b>		Reference Elevations: <b>1944.00 ft (KB)</b>
Interval: <b>3367.00 ft (KB) To 3407.00 ft (KB) (TVD)</b>		<b>1934.00 ft (CF)</b>
Total Depth: <b>3407.00 ft (KB) (TVD)</b>		KB to GR/CF: <b>10.00 ft</b>
Hole Diameter: <b>7.88 inches</b> Hole Condition: <b>Good</b>		

<b>Serial #: 6668</b> <b>Inside</b>		Capacity: <b>8000.00 psig</b>
Press@RunDepth: <b>532.10 psig @ 3373.00 ft (KB)</b>		Last Calib.: <b>2010.03.28</b>
Start Date: <b>2010.03.28</b> End Date: <b>2010.03.28</b>		Time On Btm: <b>2010.03.28 @ 09:22:22</b>
Start Time: <b>07:30:23</b> End Time: <b>14:40:52</b>		Time Off Btm: <b>2010.03.28 @ 11:32:22</b>

**TEST COMMENT:** IFP-BOB in 20 sec  
ISI-BOB in 2 min  
FFP-BOB in 30 sec  
FSI-BOB in 3.5 min



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.55	94.12	Initial Hydro-static
1	254.66	93.76	Open To Flow (1)
10	341.35	93.50	Shut-In (1)
53	1141.22	99.85	End Shut-In (1)
54	375.75	99.48	Open To Flow (2)
64	532.10	99.21	Shut-In (2)
126	1132.07	103.17	End Shut-In (2)
130	1583.06	99.64	Final Hydro-static

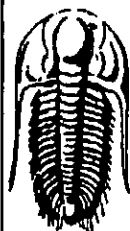
### Recovery

Length (ft)	Description	Volume (bbl)
1740.00	GCO 30%G,70%O	24.67
120.00	GOCM 10%G,35%O,55%M	1.70
0.00	GTS	0.00

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates, Inc.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

**36 15S16W Ellis KS**

Job Ticket: 37253      **DST#: 2**

Test Start: 2010.03.28 @ 07:30:22

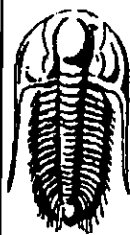
### Tool Information

Drill Pipe:	Length: 3347.00 ft	Diameter: 3.82 inches	Volume: 47.45 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 47.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3367.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			3340.00	
Shut In Tool	5.00			3345.00	
Hydraulic tool	5.00			3350.00	
Jars	5.00			3355.00	
Safety Joint	2.00			3357.00	
Packer	5.00			3362.00	28.00      Bottom Of Top Packer
Packer	5.00			3367.00	
Stubb	1.00			3368.00	
Perforations	4.00			3372.00	
Change Over Sub	1.00			3373.00	
Recorder	0.00	6668	Inside	3373.00	
Recorder	0.00	6669	Inside	3373.00	
Blank Spacing	30.00			3403.00	
Change Over Sub	1.00			3404.00	
Bullnose	3.00			3407.00	40.00      Bottom Packers & Anchor

**Total Tool Length: 68.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr & Associates, Inc.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

**36 15S16W E11s KS**  
Job Ticket: 37253      DST#: 2  
Test Start: 2010.03.28 @ 07:30:22

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 50.00 sec/qt  
Water Loss: 7.78 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4500.00 ppm  
Filter Cake: inches

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

Oil API: 41 deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

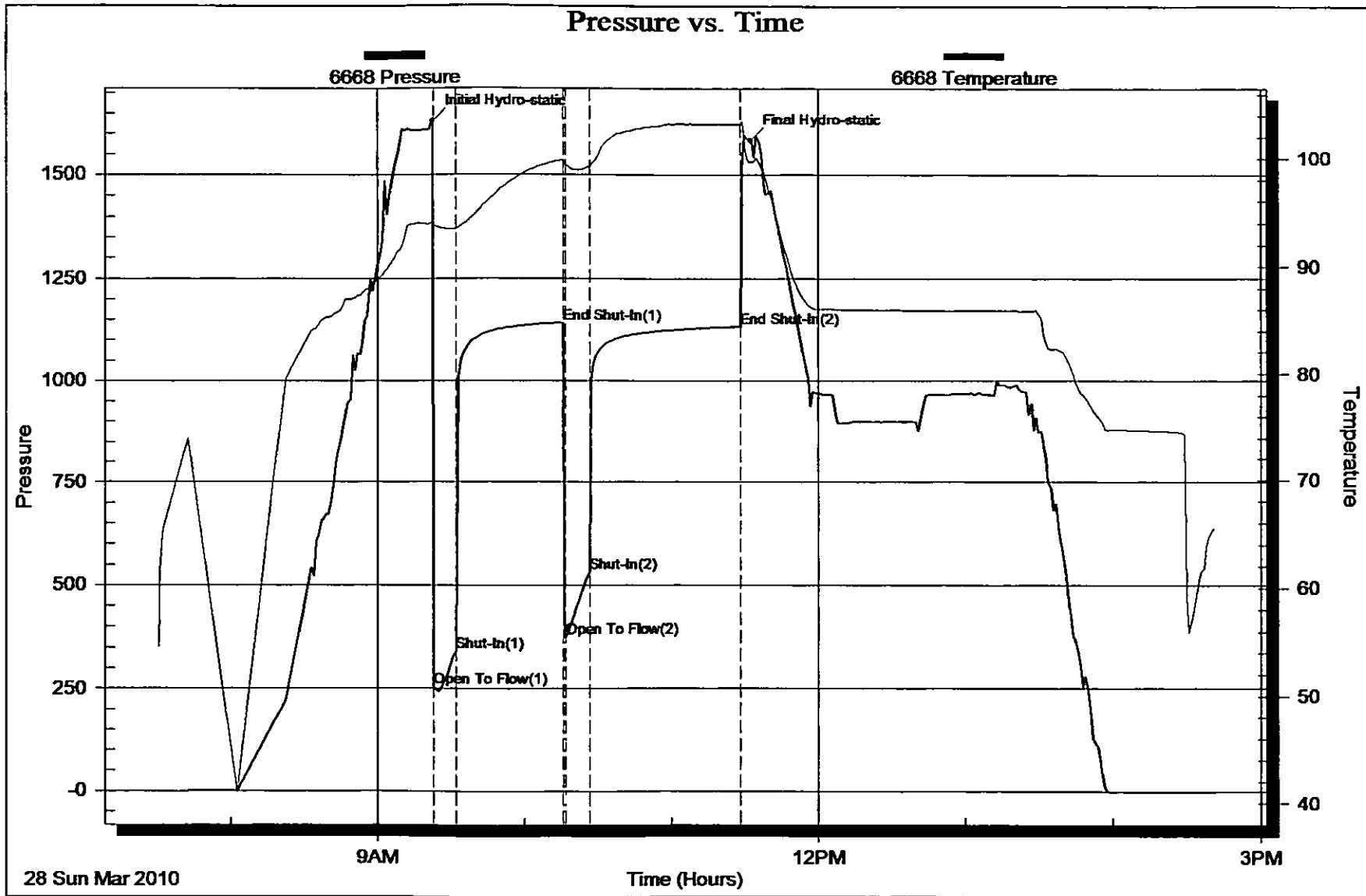
Length ft	Description	Volume bbl
1740.00	GCO 30%G,70%O	24.665
120.00	GOCM 10%G,35%O,55%M	1.701
0.00	GTS	0.000

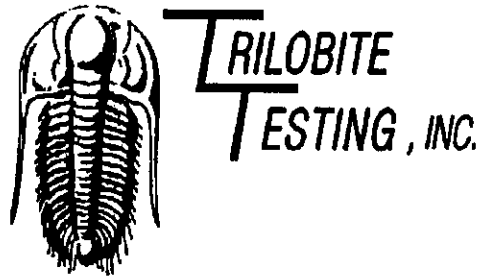
Total Length: 1860.00 ft      Total Volume: 26.366 bbl

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 St  
Suite 700  
Denver, CO 80202

ATTN: Tom Fertal

**36 15S16W Ellis KS**

**Boxberger #1-36**

Start Date: 2010.03.29 @ 06:26:00

End Date: 2010.03.29 @ 13:59:00

Job Ticket #: 37254                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Samuel Gary Jr & Associates, Inc.

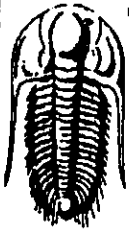
Boxberger #1-36

36 15S16W Ellis KS

DST # 3

Arbuckle

2010.03.29



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

**36 15S16W E11s KS**

Job Ticket: 37254

**DST#: 3**

Test Start: 2010.03.29 @ 06:26:00

### GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 08:12:30

Time Test Ended: 13:59:00

Test Type: **Conventional Bottom Hole**

Tester: **Tyson Flax**

Unit No: **44**

Interval: **3495.00 ft (KB) To 3515.00 ft (KB) (TVD)**

Reference Elevations: **1944.00 ft (KB)**

Total Depth: **3515.00 ft (KB) (TVD)**

**1934.00 ft (CF)**

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

KB to GR/CF: **10.00 ft**

**Serial #: 6669** **Outside**

Press@RunDepth: **52.88 psig @ 3501.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.03.29**

End Date:

**2010.03.29**

Last Calib.: **2010.03.29**

Start Time: **06:26:01**

End Time:

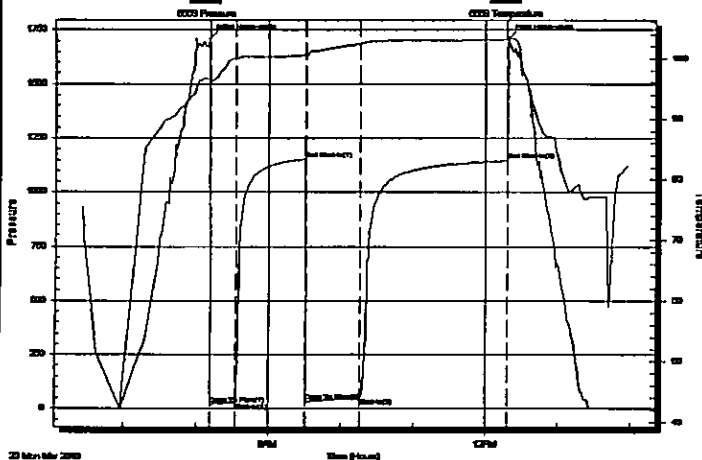
**13:59:00**

Time On Btm: **2010.03.29 @ 08:11:30**

Time Off Btm: **2010.03.29 @ 12:19:30**

**TEST COMMENT:** IFF-Weak surface blow built to 2.5"  
ISI-no blow back  
FFP-Weak surface blow built to 3.5"  
FSI-no blow back

Pressure vs. Time



### PRESSURE SUMMARY

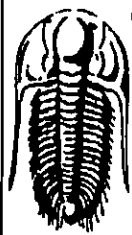
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.62	96.59	Initial Hydro-static
1	20.43	96.26	Open To Flow (1)
22	31.20	99.90	Shut-In(1)
79	1151.49	100.56	End Shut-In(1)
80	32.55	100.29	Open To Flow (2)
125	52.88	102.39	Shut-In(2)
247	1146.54	103.19	End Shut-In(2)
248	1712.30	103.27	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
70.00	MW 70%W,30%M	0.99
10.00	CO	0.14

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Samuel Gary Jr & Associates, Inc.

**Boxberger #1-36**

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

**36 15S16W Ellis KS**

Job Ticket: 37254      DST#: 3

Test Start: 2010.03.29 @ 06:26:00

### Tool Information

Drill Pipe:	Length: 3499.00 ft	Diameter: 3.82 inches	Volume: 49.60 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 49.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3495.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 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			3468.00	
Shut In Tool	5.00			3473.00	
Hydraulic tool	5.00			3478.00	
Jars	5.00			3483.00	
Safety Joint	2.00			3485.00	
Packer	5.00			3490.00	28.00      Bottom Of Top Packer
Packer	5.00			3495.00	
Stubb	1.00			3496.00	
Perforations	5.00			3501.00	
Recorder	0.00	6668	Inside	3501.00	
Recorder	0.00	6669	Outside	3501.00	
Perforations	11.00			3512.00	
Bullnose	3.00			3515.00	20.00      Bottom Packers & Anchor

**Total Tool Length: 48.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

Boxberger #1-36

1515 Wynkoop St  
Suite 700  
Denver, CO 80202  
ATTN: Tom Fertal

36 15S16W Ellis KS

Job Ticket: 37254

DST#: 3

Test Start: 2010.03.29 @ 06:26:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.57 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 31 deg API

Water Salinity: 13000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MW 70%W,30%M	0.992
10.00	CO	0.142

Total Length: 80.00 ft      Total Volume: 1.134 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

