

1-24-09

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**

**ORIGINAL**

**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 3882  
 Name: SAMUEL GARY JR. & ASSOCIATES, INC.  
 Address: 1670 BROADWAY, SUITE 3300  
 City/State/Zip: DENVER, CO 80202-4838  
 Purchaser: GARY-WILLIAMS ENERGY CORPORATION  
 Operator Contact Person: TOM FERTAL  
 Phone: (303) 831-4673  
 Contractor: Name: SUMMIT DRILLING  
 License: 30141  
 Wellsite Geologist: JUSTIN CARTER  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     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. \_\_\_\_\_  
 10/2/2006    10/11/2006    12/8/2006  
 Spud Date or    Date Reached TD    Completion Date or  
 Recompletion Date       Recompletion Date

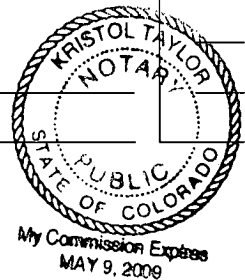
API No. 15 - 15-159-22505-0000  
 County: RICE  
 SW SE SW    Sec. 24    Twp. 18    S. R. 10     East  West  
165 feet from SOUTH Line of Section  
1675 feet from WEST Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one)    NE    SE    NW    **SW**  
 Lease Name: BEHNKE TRUSTS    Well #: 1-24  
 Field Name: WILDCAT  
 Producing Formation: ARBUCKLE  
 Elevation: Ground: 1738'    Kelly Bushing: 1748'  
 Total Depth: 3321'    Plug Back Total Depth: 3292'  
 Amount of Surface Pipe Set and Cemented at 337 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 cm.

**Drilling Fluid Management Plan** AHJ NH 9-15-08  
 (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: 1/24/2007  
 Subscribed and sworn to before me this 24 TH day of JANUARY,  
2007  
 Notary Public: Mistal J. J. J.  
 Date Commission Expires: \_\_\_\_\_



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

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**JAN 25 2007**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

Operator Name: SAMUEL GARY JR & ASSOCIATES, INC. Lease Name: BEHNKE TRUSTS Well #: 1-24  
 Sec. 24 Twp. 18 S. R. 10  East  West County: RICE

**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	2483'	-735'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	HEEBNER	2748'	-1000'
List All E. Logs Run:	DUAL INDUCTION DENSITY - NEUTRON SONIC LOG MICROLOG		DOUGLAS	2780'	-1032'
			BRN LIME	2871'	-1123'
			LANSING	2897'	-1149'
			ARBUCKLE	3228'	-1480'
			TD	3321'	

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CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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"	28	337'	CLASS A	175	2% GEL & 3% CC
PRODUCTION	7-7/8"	5-1/2"	15.5	3319'	60/40 POZ CLASS AA2	25 100	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		Acid. Fracture, Shot, Cement, Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4 JSPF	3242-44, 3246-48, 3250-52, 3256-60		300 GALS 28% DOUBLE FE	3242 - 60 OA

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TUBING RECORD		Size 2-3/8"	Set At 3279'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 12/8/06		Producing Method <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. 20	Gas Mcf 0	Water Bbls. 20	Gas-Oil Ratio	Gravity

Disposition of Gas			METHOD OF COMPLETION			Production Interval
<input type="checkbox"/> Vented	<input type="checkbox"/> Sold	<input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Perf.	<input type="checkbox"/> Dually Comp.	<input type="checkbox"/> Commingled
If vented, submit ACO-18.)			<input type="checkbox"/> Other (Specify) _____			3242 - 60 OA

Applied Cementing Co., Inc  
P.O. Box 31  
Russell, KS 67665

*V58289*  
*Correct V59512*

\*\*\*\*\*  
\* I N V O I C E \*  
\*\*\*\*\*

Invoice Date: 10/11/06

**RECEIVED**

Sold Samuel Gary, Jr. & Assoc.  
To: 1670 Broadway,  
STE 3300  
Denver, CO  
80202

**KCC**  
JAN 24 2007  
**CONFIDENTIAL**

OCT 16 2006  
SAMUEL GARY JR.  
& ASSOCIATES, INC. *6/B*

*Frankie Test 12*

Cust I.D.....: Gary  
P.O. Number...: ~~Zink 134~~  
P.O. Date....: 10/11/06

Due Date.: 11/10/06  
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	175.00	SKS	10.6500	1863.75	T
Gel	4.00	SKS	16.6500	66.60	T
Chloride	5.00	SKS	46.6000	233.00	T
Handling	184.00	SKS	1.9000	349.60	E
Mileage	30.00	MILE	16.5600	496.80	E
184 sks @.09 per sk per mi					
Surface	1.00	JOB	815.0000	815.00	E
Extra Footage	53.00	PER	0.6500	34.45	E
Mileage pmp trk	30.00	MILE	6.0000	180.00	E
Wooden Plug	1.00	EACH	60.0000	60.00	T

All Prices Are Net, Payable 30 Days Following  
Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of 409.92  
ONLY if paid within 30 days from Invoice Date

Subtotal: 4099.20  
Tax.....: 140.07  
Payments: 0.00  
Total....: 4239.27

*<409.92>*  
3829.35

DRLG  COMP  W/O  LOE  
AFE # 96001 96000  
ACCT # 135/60  
APPROVED BY BRD 10/17/06

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KANSAS CORPORATION COMMISSION  
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CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

23823

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Live Oak Bend*

DATE <i>10-2-06</i>	SEC <i>34</i>	TWP. <i>18</i>	RANGE <i>10 W.</i>	CALLED OUT <i>9 AM</i>	ON LOCATION <i>12 PM</i>	JOB START <i>1 PM</i>	JOB FINISH <i>2 PM</i>
LEASE <i>Zink</i>	WELL # <i>1-34</i>	LOCATION <i>Bushton 1/2 E 43 1/2 E N/3</i>	COUNTY <i>Rice</i>	STATE <i>K.S.</i>			

CONTRACTOR *Summitt Rig 1*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/2* T.D. *353 #*

CASING SIZE *28" 8 5/8* DEPTH *353 #*

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. *15 #*

PERFS. \_\_\_\_\_

DISPLACEMENT *20 bbl*

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED *175 # Common*

*3200 28 gel*

COMMON	<i>175</i>	@	<i>10.65</i>	<i>1863.75</i>
POZMIX		@		
GEL	<i>4</i>	@	<i>16.65</i>	<i>66.60</i>
CHLORIDE	<i>5</i>	@	<i>46.60</i>	<i>233.00</i>
ASC		@		

**KCC**  
JAN 24 2007  
**CONFIDENTIAL**

EQUIPMENT

PUMP TRUCK CEMENTER *Mike M*

# *120* HELPER *Brandon R*

BULK TRUCK

# *342* DRIVER  *Cody R.*

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

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WICHITA, KS

HANDLING	<i>184</i>	@	<i>1.90</i>	<i>349.60</i>
MILEAGE	<i>30</i>	@	<i>134.9</i>	<i>496.80</i>
TOTAL				<i>3009.75</i>

REMARKS:

*Circulate Hole with Pump Truck*

*Mix Cement + Release Plug Discharge*

*Plug Down with water*

*Cement did Circulate To*

*Surface*

SERVICE

DEPTH OF JOB	<i>353 #</i>			
PUMP TRUCK CHARGE				<i>815.00</i>
EXTRA FOOTAGE	<i>53</i>	@	<i>.65</i>	<i>34.45</i>
MILEAGE	<i>30</i>	@	<i>6.00</i>	<i>180.00</i>
MANIFOLD		@		
		@		
		@		

CHARGE TO: *Samuel Mary*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL *1029.45*

PLUG & FLOAT EQUIPMENT

<i>1-88 wooden Plug</i>	@		<i>60.00</i>
	@		
	@		
	@		
	@		
TOTAL			<i>60.00</i>

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE *Dan Cox*

*DAN COX*  
PRINTED NAME



**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita, Ks. 67202  
 316-262-3699  
 316-262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE. Hwy 61  
 P.O. Box 8613  
 Pratt, Ks. 67124-8613  
 620-672-1201  
 620-672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, Ks. 67905-0129  
 620-624-2277  
 620-624-2280 FAX

**Invoice**

V58297

**Bill to:**  
 Samuel Gary Jr. & Associates  
 1670 Broadway Suite 3300  
 Denver, CO 80202-4838  
 KCC 7740000  
 JAN 24 2007  
 CONFIDENTIAL  
 Behnke Trust 1-24  
 CustomerRep  
 Chuck Emerson

Invoice	Invoice Date	Order	Station
610062	10/10/06	13696	Pratt
Service Description			
Cement			
Lease	Well	Well Type	
<del>Behnke Trust-Stafford</del>	1-24	New Well	
AFE	PO	Terms	
		Net 30	
Treater			
Clarence Messick			

ID.	Description	UOM	Quantity	Unit Price	Price
D205	AA2 (COMMON)	SK	100	\$15.90	\$1,590.00 (T)
D203	60/40 POZ (COMMON)	SK	25	\$10.30	\$257.50 (T)
C194	CELLFLAKE	LB	26	\$3.70	\$96.20 (T)
C195	FLA-322	LB	76	\$7.50	\$570.00 (T)
C221	SALT (Fine)	GAL	470	\$0.25	\$117.50 (T)
C243	DEFOAMER	LB	24	\$3.45	\$82.80 (T)
C244	CEMENT FRICTION REDUCER	LB	29	\$6.00	\$174.00 (T)
C321	GILSONITE	LB	499	\$0.67	\$334.33 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	7	\$44.00	\$308.00 (T)
C304	SUPER FLUSH II	GAL	1000	\$1.53	\$1,530.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	6	\$74.20	\$445.20 (T)
F121	BASKET, 5 1/2"	EA	2	\$237.50	\$475.00 (T)
F131	STOP COLLAR, 5 1/2"	EA	3	\$25.00	\$75.00 (T)
F171	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00 (T)
F211	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1	\$320.00	\$320.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	130	\$5.00	\$650.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	65	\$3.00	\$195.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	382	\$1.60	\$611.20
E107	CEMENT SERVICE CHARGE	SK	125	\$1.50	\$187.50
R207	CASING CEMENT PUMPER, 3001-3500' 1ST 4 HRS ON LOC	EA	1	\$1,596.00	\$1,596.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
S100	FUEL SURCHARGE	EA	1	\$106.21	\$106.21

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 OCT 13 2006  
 SAMUEL GARY JR.  
 & ASSOCIATES, INC.

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 KANSAS CORPORATION COMMISSION

JAN 25 2007

DRLG  COMP  W/O  LOE  
 AFE # 96003  
 ACCT # 135/60  
 APPROVED BY BRD 10/17/06

CONSERVATION DIVISION  
 WICHITA, KS

Rice County & State Tax Rate: 6.30%  
 (T) Taxable Item

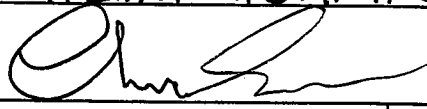
Sub Total: \$10,221.44  
 Discount: \$1,618.44  
 Discount Sub Total: \$8,603.00  
 Taxes: \$351.32  
 Total: \$8,954.32

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts are past due net 30 days following the date of invoice. Finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts. Customer agrees not to withhold payment of any invoice, or assert any right of offset, recoupment or any other defense to payment of any invoice, on account of any right that you may now or hereafter have to payment from us, except for claims arising out of such invoice because of defects in the specific services described in such invoice. Additionally, you hereby waive any right that you may have under any state, federal or other law to assert

Subject to Correction

**FIELD ORDER** 13696

Date	10-10-06	Customer ID	Lease	Behnke Trust	Well #	1-24	Legal	24-185-10W
			County	Rice	State	KS	Station	Pratt
CHARGE	Sam Gary Jr. and Associates		Depth	5 1/2'	Formation	SLB	Shoe Joint	27.08 Ft.
			Casing	15.5 LB	Casing Depth	3,319'	TD	3,320'
			Customer Representative	Chuck Emerson	Dealer	Clarence R. Messick	Job Type	Long String-New W.
AFE Number		PO Number	Materials Received by	X 				

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D-205	100 sk.	AA-2		
P	D-203	25 sk.	60/40 Poz		
				<b>KCC</b>	
P	C-194	26 Lb.	Cellflake		
P	C-195	76 Lb.	FLA-322		
P	C-221	470 Lb.	Salt (Fine)		
P	C-243	24 Lb.	Defoamer		
P	C-244	29 Lb.	Cement Friction Reducer		
P	C-321	499 Lb.	Gilsonite		
P	C-141	7 Gal.	CC-1		
P	C-304	1,000 Gal.	Super Flush II		
P	F-101	6 ea.	Turbolizer, 5 1/2"		
P	F-121	2 ea.	Basket, 5 1/2"		
P	F-131	3 ea.	Stop Collar, 5 1/2"		
P	F-171	1 ea.	I.R. Latch Down Plug and Baffle, 5 1/2"		
P	F-211	1 ea.	Auto Fill Float Shoe, 5 1/2"		
P	E-100	130 mi.	Heavy Vehicle Mileage, 1-Way		
P	E-101	65 mi.	Pickup Mileage, 1-way		
P	E-104	382 tm.	Bulk Delivery		
P	E-107	125 sk.	Cement Service Charge		
P	R-207	1 ea.	Cement Pumper: 3,001' - 3,500'		
P	R-701	1 ea.	Cement Head Rental		
<p>Good Work! Thank You!</p> <p>Discounted Price = Plus taxes</p>				<p><b>RECEIVED</b> KANSAS CORPORATION COMMISSION JAN 25 2007 CONSERVATION DIVISION WICHITA, KS</p>	
				<p>\$ 8,496.79</p>	

Customer: Sam Gary Jr. and Associates Lease No.: JAN 24 2007 Date: 10-10-06  
 Lease: Behnke Trust Well #: 1-24 **CONFIDENTIAL**  
 Field Order #: 13,696 Station: Pratt Casing: 5 1/2" 15.5 Lb./ft. Depth: 3,319' County: Rice State: KS.  
 Type Job: Long String-New Well Formation: \_\_\_\_\_ Legal Description: 27-185-10W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <u>5 1/2"</u>	Tubing Size <u>15.5 Lb./ft.</u>	Shots/Ft		<u>cement</u>		RATE	PRESS
Depth <u>3,319'</u>	Depth	From	To	<u>100 sacks AA-2</u>	<u>with .3%</u>	<u>Friction Reduce</u>	ISIP
Volume <u>80.98 Bbl.</u>	Volume	From	To	<u>.25%</u>	<u>Defoamer,</u>	<u>.8%</u>	<u>FLA-322, 10%</u>
Max Press. <u>1300 P.S.F.</u>	Max Press	From	To	<u>.25 Lb./sk. Cellulose</u>	<u>flake,</u>	<u>5 Lb./sk. Gilonite</u>	TO MIN
Well Connection <u>Plug Cont.</u>	Annulus Vol.	From	To	<u>15.43 Lb./Gal.</u>	<u>5.63 Gal./sk.</u>	<u>1.36 CU.Ft./sk.</u>	115 Min.
Plug Depth <u>3,295'</u>	Packer Depth	From	To	<u>25 sacks Scavenger</u>	<u>HHP Used</u>		Annulus Pressure
		From	To	<u>Flush 78.43 Bbl. 28 KCL</u>	<u>Gals Volume</u>		Total Load

Customer Representative: Chuck Emerson Station Manager: Dave Scott Treater: Clarence R. Messick  
 Service Units: 119 228 302 572  
 Driver Names: Messick McGuire Mattal

Time	P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:00						Truck on location and hold safety meeting
7:30						Summit start to run Auto fill float shoe, shoe joint with latch down baffles screwed into collar and a total of 80 joints new 15.5 Lb./ft. 5 1/2" casing. Ran Turbolizer on collars #1, 2, 3, 4, 5 and 1/2 way down on shoe joint and Baskets above collars #1 & 5.
10:20						Casing in well. Circulate and Reciprocate for 2 hours
12:20		400			6	Start Fresh H <sub>2</sub> O Pre-Flush.
		400		20	6	Start Super Flush II.
		400		44	5	Start Fresh H <sub>2</sub> O Spacer.
12:28		300		47	5	Start mixing 25 sacks Scavenger cement
12:30		300		59	5	Start mixing 100 sacks AA-2 cement.
				83		Stop pumping. Shut in well. Wash pump and lines. Release Plug. Open well.
12:40		100			6.5	Start 28 KCL Displacement.
12:48				60	5	Start to lift cement.
12:52		600		78.5		Plug down.
		1,300				Pressure up.
						Release pressure. Insert held
1:15						Wash up pump truck.
						Job Complete.
						Thanks,
						Clarence, Corey, Mike

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 KANSAS CORPORATION COMMISSION  
 JAN 25 2007  
 CONSERVATION DIVISION  
 WICHITA, KS

1-24-09

Samuel Gary Jr. & Associates, Inc.

1670 Broadway, Suite 3300, Denver, CO 80202 (303) 831-4673

January 24, 2007

Mr. Dave Williams  
Kansas Corporation Commission  
130 South Market, Room - 2078  
Wichita, KS 67202

Re: Behnke Trusts 1-24  
Rice County, Kansas  
API# 15-159-22505-0000

**KCC**  
JAN 24 2007  
**CONFIDENTIAL**

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
JAN 25 2007  
CONSERVATION DIVISION  
WICHITA, KS

Dear Dave,


Attached please find the ACO-1, Well History Description of Well and Lease, along with Geologist Report, DST's, Electric Logs, and all cementing tickets for the subject Well.

We hereby request that this ACO-1, and all data included, along with the drill cuttings sent to the Kansas Geological Survey, be held **CONFIDENTIAL FOR 2 YEARS**.

If there are any questions, or if you need any additional information, please contact me at Samuel Gary Jr. & Associates, Inc. at the telephone number shown on the letterhead.

Sincerely,

SAMUEL GARY JR. & ASSOCIATES, INC.

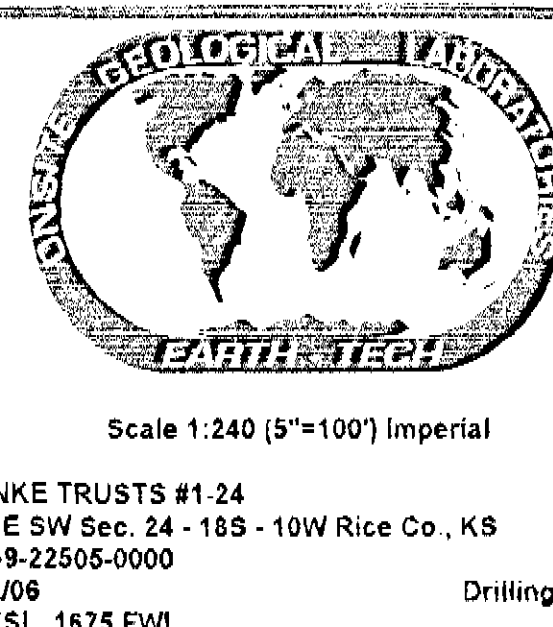


Thomas G. Fertal  
Sr. Geologist

Enclosures



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KANSAS CORPORATION COMMISSION  
JAN 25 2007  
CONSERVATION DIVISION  
WICHITA, KS

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

Well Name: BEHNKE TRUSTS #1-24  
Location: SW SE SW Sec: 24 - 185 - 10W Rice Co., KS  
Licence Number: 15-159-22505-0000  
Spud Date: 10/02/06  
Surface Coordinates: 165 FSL, 1675 FJWL

Region: Wildcat  
Drilling Completed: 10/10/06

Bottom Hole Coordinates:

Ground Elevation (ft): 1738' K.B. Elevation (ft): 1748'  
Logged Interval (ft): 2400' To: 3320' Total Depth (ft): 3320'  
Formation: ARBUCKLE  
Type of Drilling Fluid: Chemical Mud

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

OPERATOR

Company: SAMUEL GARY JR. & ASSOCIATES, INC.  
Address: 1670 Broadway Blvd, Suite 3300  
Denver, CO 80202  
Co. Geo.: Mr. Tom Fertal & Mr. Jason Brand

GEOLOGIST

Name: Justin Carter  
Company: EARTH TECH OGL, INC.  
Address: P.O. Box 683  
Hooker, OK 73945  
office: 580-652-3924, cell: 620-655-1187

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JAN 25 2007  
CONSERVATION DIVISION  
WICHITA, KS

DST #1

3230' - 3238' 15-45-15-30  
IF: 11-9, ISI: 270, FF: 7-6, FSI: 739, IH: 1626, FH: 1578  
IF: WK BLOW, DIED LESS THAN 1 MIN., ISI: NO BB, FF: WK BLOW, DIED LESS THAN 1 MIN., FSI: NO BB  
RECOV: 2" OIL  
BHT: 110 DEG

DST #2

3239' - 3255' 20-60-20-45  
IF: 17-16, ISI: 1061, FF: 20-21, FSI: 959, IH: 1607, FH: 1550  
IF: WK BLOW, BUILT TO 1", ISI: NO BB, FF: WK BLOW, DIED IN LESS THAN 1 MIN., FSI: NO BB  
RECOV: 1' TOTAL, 1' OCM  
BHT: 109 DEG

DST #3 & #4

3245' - 3265' 20-60-60-120  
IF: 21-58, ISI: 1113, FF: 61-123, FSI: 1117, IH: 1601, FH: 1538  
IF: WK BLOW, BUILT 4", ISI: NO BB, FF: WK BLOW, BUILT TO BOB IN 40 MIN., FSI: NO BB  
RECOV: 300' TOTAL, 21' OIL, 90' OCM  
BHT: 112, GRAV. 49 DEG

3266' - 3275' 20-60-60-120  
IF: 18-30, ISI: 1129, FF: 36-82, FSI: 1126, IH: 1632, FH: 1546  
IF: WK BLOW, BUILT TO 2 1/2", ISI: NO BB, FF: WK BLOW, BUILT TO 5", FSI: NO BB  
RECOV: 154' TOTAL, 34' SLI OCMW, 120' MW  
BHT: 114 DEG, CHL: 22,000

ROCK TYPES

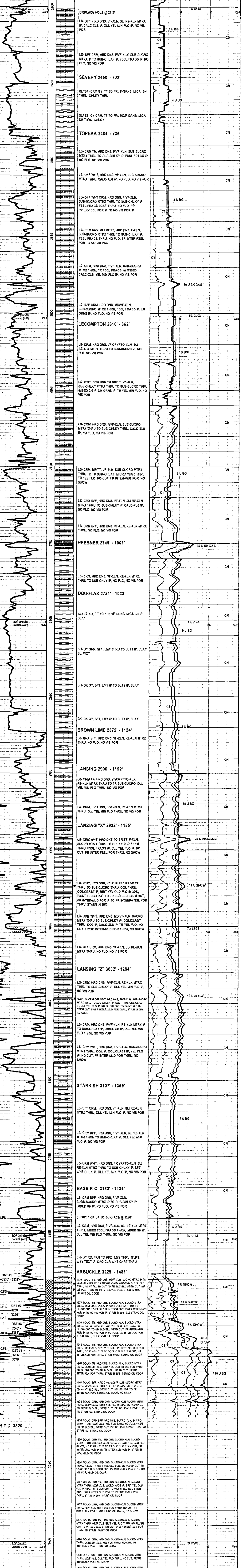
Legend for Rock Types including Anhy, Bent, Brecc, Chrt, Cyst, Coal, Congl, Dol, Gyp, Igne, Lmst, Meta, Mrist, Salt, Shale, Schol, Shgy, Stst, Ss, Till, Carb sh, Dol, Dtd, Gry sh, Sandylms, Shale, Siltstn, Shlysh, Sltysht, Lms.

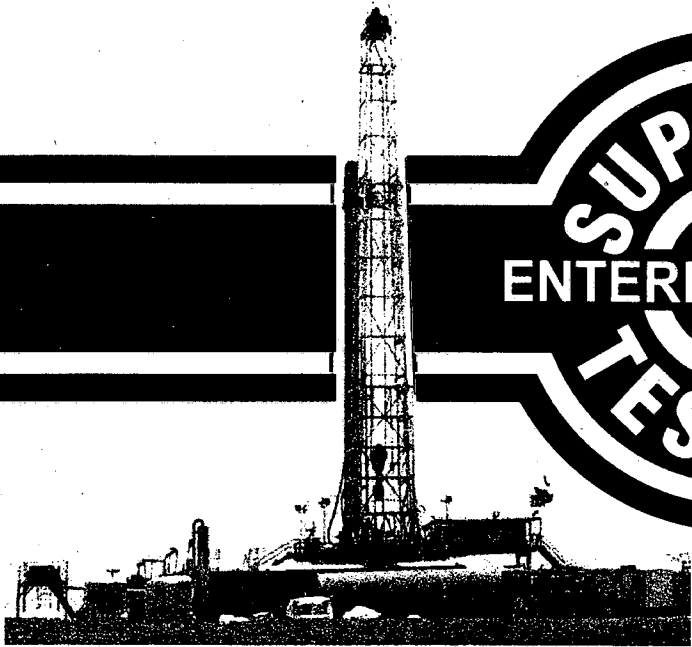
ACCESSORIES

Legend for Accessories including Mineral (Anhy, Arggrn, Arg, Bent, Bit, Breccfrag, Calc, Carb, Chtdk, Chtit, Dol, Feldspar, Ferrpel, Ferr, Glau, Gyp, Hymmin, Kaol), Fossil (Algae, Amph), and other symbols.

OTHER SYMBOLS

Legend for Other Symbols including Porosity Type, Sorting, Vuggy, Rounding, Spotted, Dst, Earthy, Fenest, Fracture, Inter, Moldic, Organic, Pinpoint, Well, Moderate, Poor, Rounded, Subrd, Subang, Angular, Even, Gas show, Core, Dst, Dst, Rft, Sidewall.





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# *Formation Testing Service Report*

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 25 2007

CONSERVATION DIVISION  
WICHITA, KS

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 10-7-06 Location 24-18-10w Elevation 1738 County Rice

Company Samuel Gary JR & Associates Inc Number of Copies 5

Charts Mailed to 1670 Broadway Suite 3300 Denver CO 80202

Drilling Contractor Summit Drilling  
 Length Drill Pipe 2913 I.D. Drill Pipe 2.25 Tool Joint Size 4 1/4

Length Weight Pipe \_\_\_\_\_ I.D. Weight Pipe \_\_\_\_\_ Tool Joint Size \_\_\_\_\_  
 Length Drill Collars 354 I.D. Drill Collars 3.8 Tool Joint Size \_\_\_\_\_

Top Packer Depth 3225 Bottom Packer Depth 3230 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3230 TO 3238 ANCHOR LENGTH 8 TOTAL DEPTH 3238 Hole Size 7 7/8

LEASE & WELL NO. Bentley Trusts 1-24 FORMATION TESTED Arbuckle TEST NO. 1

Mud Weight 9.35 Viscosity 54 Water Loss 8.8 Chlorides - Pits 5,000 D.S.T. \_\_\_\_\_

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 11021e P.S.I. Final Hydrostatic Pressure (H) 1578 P.S.I.

Tool Open I.F.P. from 3:25 pm to 3:40 pm 15 min

Tool Closed I.C.I.P. from 3:40 pm to 4:25 pm 45 min

Tool Open F.F.P. from 4:25 pm to 4:40 pm 15 min

Tool Closed F.C.I.P. from 4:40 pm to 5:10 pm 30 min

Initial Blow Weak surface Blow Died off less than 1 min

Final Blow Weak surface Blow Died off less than 1 min

Total Feet Recovered 2 inches oil Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

2 inches Feet of spot oil % Gas 100 % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

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\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

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\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Extra Equipment - Jars yes Safety Joint yes Extra Packer \_\_\_\_\_ Straddle \_\_\_\_\_ Hook Wall \_\_\_\_\_

Top Recorder No. 4023 Clock No. Electronia Depth 3234 Cir. Sub \_\_\_\_\_ Sampler \_\_\_\_\_

Bottom Recorder No. 3088 Clock No. 4744 Depth 3235 Insurance \_\_\_\_\_

Price of Job \_\_\_\_\_

Tool Operator [Signature]

Approved By [Signature]  
 No. 14247

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to 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.

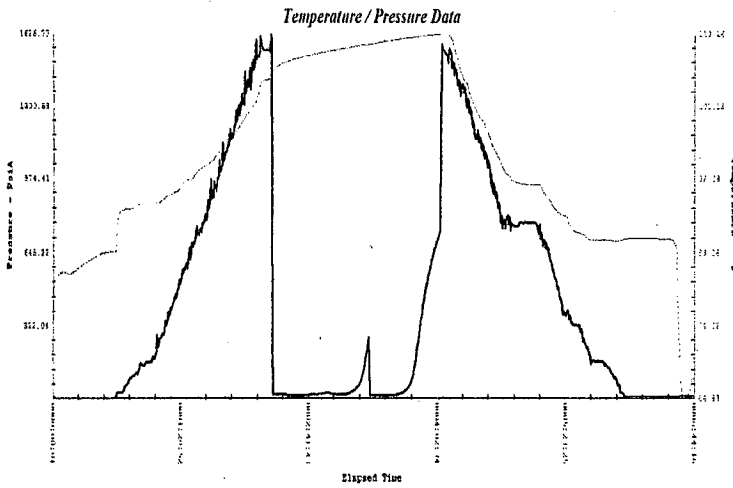
# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: SAMUEL GARY JR & ASSOCIATES  
 SEC. 24 TWP. 18 RGE. 10  
 Lease & Well No. BEHNKE TRUSTS 1-24 Test #: 1 Date: 10-7-06



1	Initial Hydrostatic Pressure	1626
2	Initial Flow Pressure	11
3	Final Initial Flow Pressure	9
4	Initial Shut-In Pressure	270
5	Initial Final Flow Pressure	7
6	Final Flow Pressure	6
7	Final Shut-In Pressure	739
8	Final Hydrostatic Pressure	1578
Maximum Temperature		110

### GENERAL INFORMATION

COMPANY NAME ..... SAMUEL GARY JR & ASSOCIATES INC	
TEST DATE ..... 10/7/06	LEASE AND WELL NUMBER ..... BEHNKE TRUSTS1-24
SECTION-TOWN-RANGE ..... 24-18-10W	FORMATION TESTED ..... ARBUCKLE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 1
COUNTY ..... RICE	REPORT NUMBER ..... 14247
ELEVATION GROUND LEVEL ..... 1738	ELEVATION KELLY BUSHINGS ..... 1750
COMPANY REPRESENTATIVE ..... TOM FERTAL	TESTING ENGINEER ..... GENE BUDIG

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3230	TOP PACKER DEPTH ..... 3225
TEST INTERVAL (to) ..... 3238	BOTTOM PACKER DEPTH ..... 3230
ANCHOR LENGTH ..... 8	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 3238	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

TOOL OPEN (from) ..... 3:25P	TOOL OPEN (from) ..... 4:25
INITIAL OPEN TOOL OPEN (to) ..... 3:40	FINAL OPEN TOOL OPEN (to) ..... 4:40
DURATION (min.) ..... 15	DURATION (min.) ..... 15
TOOL CLOSED (from) ..... 3:40	TOOL CLOSED (from) ..... 4:40
INITIAL SHUT-IN TOOL CLOSED (to) ..... 4:25	FINAL SHUT-IN TOOL CLOSED (to) ..... 5:10P
DURATION (min.) ..... 45	DURATION (min.) ..... 30

**INITIAL FLOW WEAK BLOW SURFACE BLOW DIED OFF IN LESS THEN 1 MIN**

**FINAL FLOW WEAK SURFACE BLOW DIED OFF IN LESS THAN 1 MIN**

Feet of Recovery	RESISTIVITY AT DEGREES		CHLORIDES			
	RECOVERY DESCRIPTION		% GAS	% OIL	% MUD	% WATER
1) 2	2 INCHES OIL			100		
2)						
3)						
4)						
5)						

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	SAMUEL GARY JR & ASSOCIATES INC	LEASE AND WELL NUMBER .....	BEHNKE TRUSTS1-24
TEST DATE .....	10/7/06	FORMATION TESTED .....	ARBUCKLE
SECTION-TOWN-RANGE .....	24-18-10W	DRILL STEM TEST NUMBER .....	1
STATE .....	KANSAS	REPORT NUMBER .....	14247
COUNTY .....	RICE	ELEVATION KELLY BUSHINGS .....	1750
ELEVATION GROUND LEVEL .....	1738	TESTING ENGINEER .....	GENE BUDIG
COMPANY REPRESENTATIVE .....	TOM FERTAL		

### EXTRA EQUIPMENT

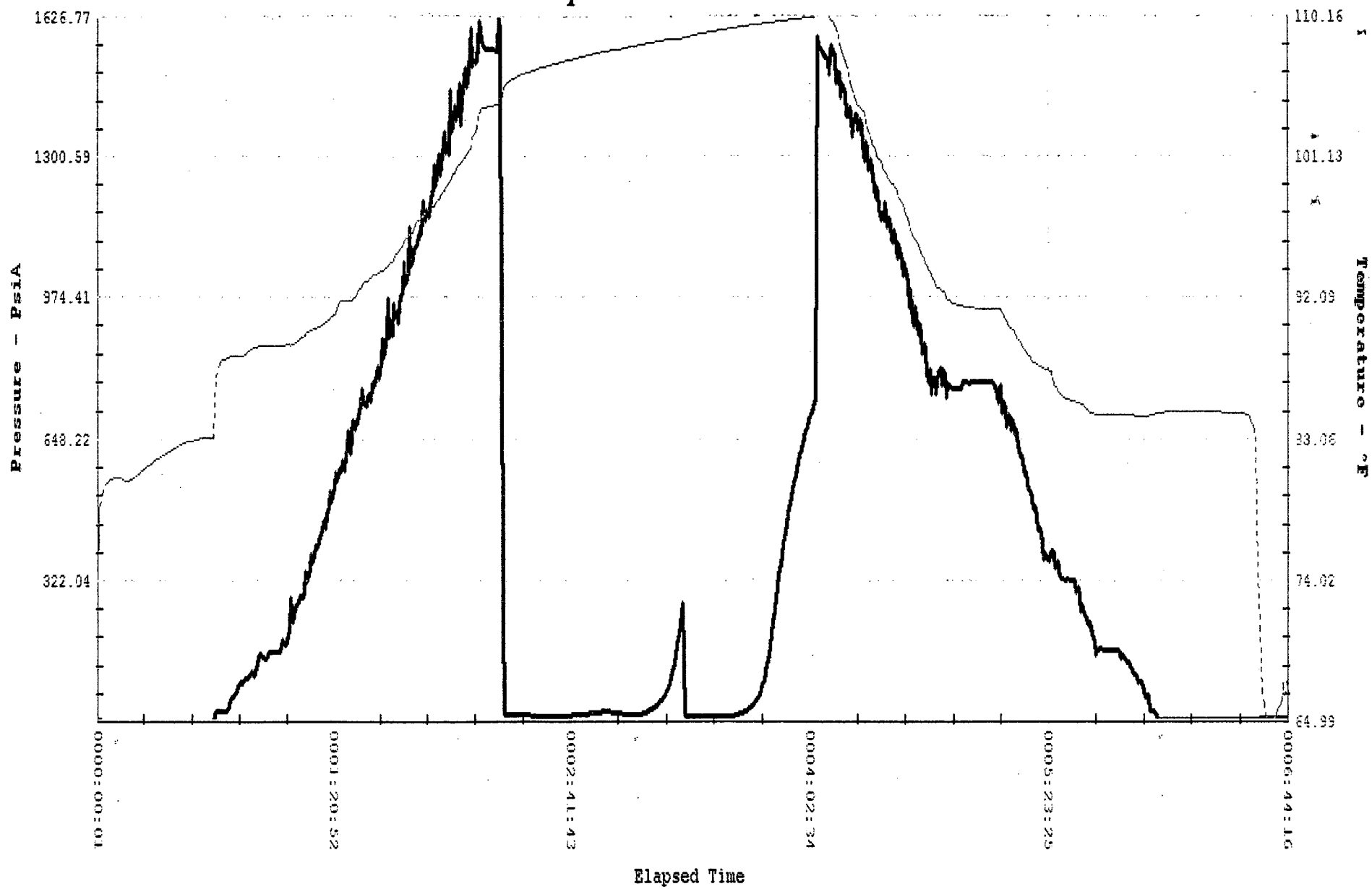
JARS .....	YES	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	YES	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	YES	STRADDLE .....	NO
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>62 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	3234	BOTTOM RECORDER DEPTH .....	3235
RECORDER NUMBER .....	91971	RECORDER NUMBER .....	3875

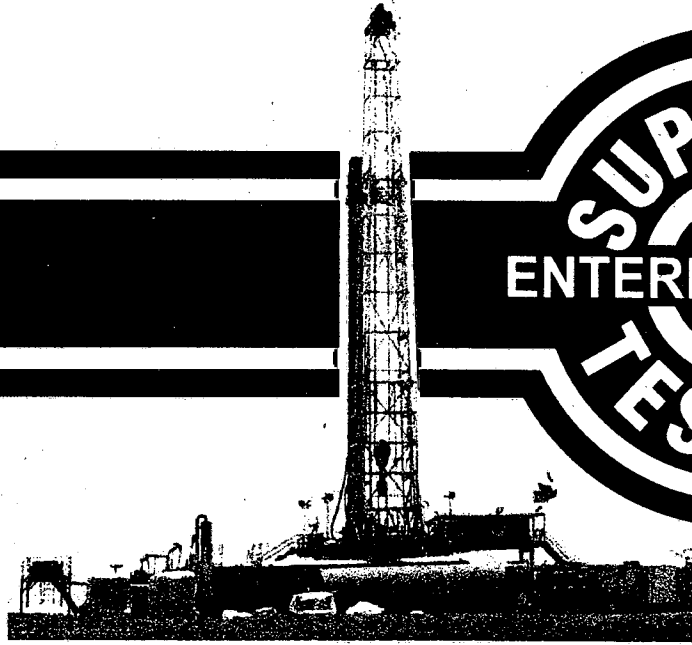
### WELL INFORMATION

DRILLING CONTRACTOR .....	SUMMIT DRILLING	DRILL COLLAR LENGTH .....	354
DRILL PIPE LENGTH .....	2913	DRILL COLLAR I.D. ....	2.25
DRILL PIPE I.D. ....	3.8	TOOL JOINT SIZE .....	4 1/2 X.H.
TOOL JOINT SIZE .....	4 XH		
WEIGHT PIPE LENGTH .....		MUD WEIGHT #/GAL .....	9.35
WEIGHT PIPE I.D. ....	2.25	VISCOSITY .....	54
TOOL JOINT SIZE .....	4 1/2 X.H.	WATER LOSS .....	8.8
		CHLORIDES-PITS .....	5,000
		CHLORIDES-DST .....	

### COMMENTS

# Temperature / Pressure Data





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# *Formation Testing Service Report*

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KANSAS CORPORATION COMMISSION

JAN 25 2007

CONSERVATION DIVISION  
WICHITA, KS

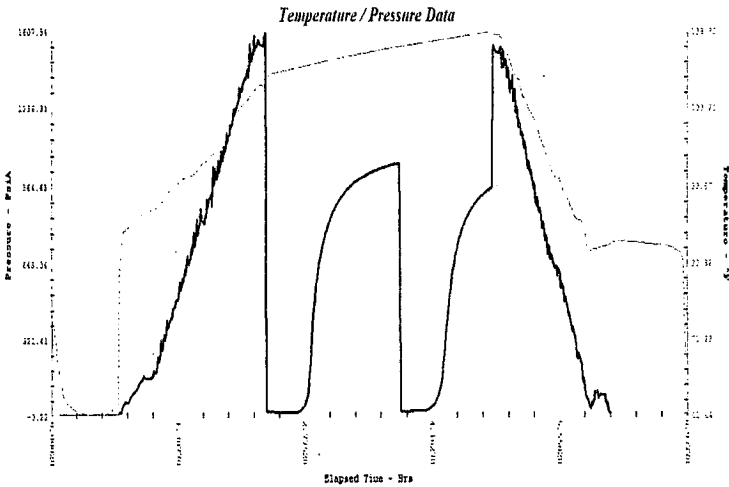
# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: SAMUEL GARY & ASSOCIATES INC  
 SEC. 24 TWP. 18 RGE. 10  
 Lease & Well No. BEHNKE TRUSTS 1-24 Test #: 2 Date: 10-8-06



1	Initial Hydrostatic Pressure	1607
2	Initial Flow Pressure	17
3	Final Initial Flow Pressure	16
4	Initial Shut-In Pressure	1061
5	Initial Final Flow Pressure	20
6	Final Flow Pressure	21
7	Final Shut-In Pressure	959
8	Final Hydrostatic Pressure	1550
Maximum Temperature		109

### GENERAL INFORMATION

COMPANY NAME ..... SAMUEL GARY JR & ASSOCIATES	
TEST DATE ..... 10/8/06	LEASE AND WELL NUMBER ..... BEHNKE TRUSTS 1-24
SECTION-TOWN-RANGE ..... 24-18-10	FORMATION TESTED ..... ARBUCKLE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 2
COUNTY ..... RICE	REPORT NUMBER ..... 14248
ELEVATION GROUND LEVEL ..... 1738	ELEVATION KELLY BUSHINGS ..... 1750
COMPANY REPRESENTATIVE ..... TOM FERTAL	TESTING ENGINEER ..... JARED SCHECK

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... 3239	TOP PACKER DEPTH ..... 3234
TEST INTERVAL (to) ..... 3255	BOTTOM PACKER DEPTH ..... 3239
ANCHOR LENGTH ..... 16	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 3255	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

### FLOW TIMES

TOOL OPEN (from) ..... 7:00A	TOOL OPEN (from) ..... 8:20
INITIAL OPEN TOOL OPEN (to) ..... 7:20	FINAL OPEN TOOL OPEN (to) ..... 8:40
DURATION (min.) ..... 20	DURATION (min.) ..... 20
TOOL CLOSED (from) ..... 7:20	TOOL CLOSED (from) ..... 8:40
INITIAL SHUT-IN TOOL CLOSED (to) ..... 8:20	FINAL SHUT-IN TOOL CLOSED (to) ..... 9:25A
DURATION (min.) ..... 60	DURATION (min.) ..... 45

**INITIAL FLOW** WEAK SURFACE BLOW BUILT 1 INCH IN 15 MIN STAYED THERE FOR 20

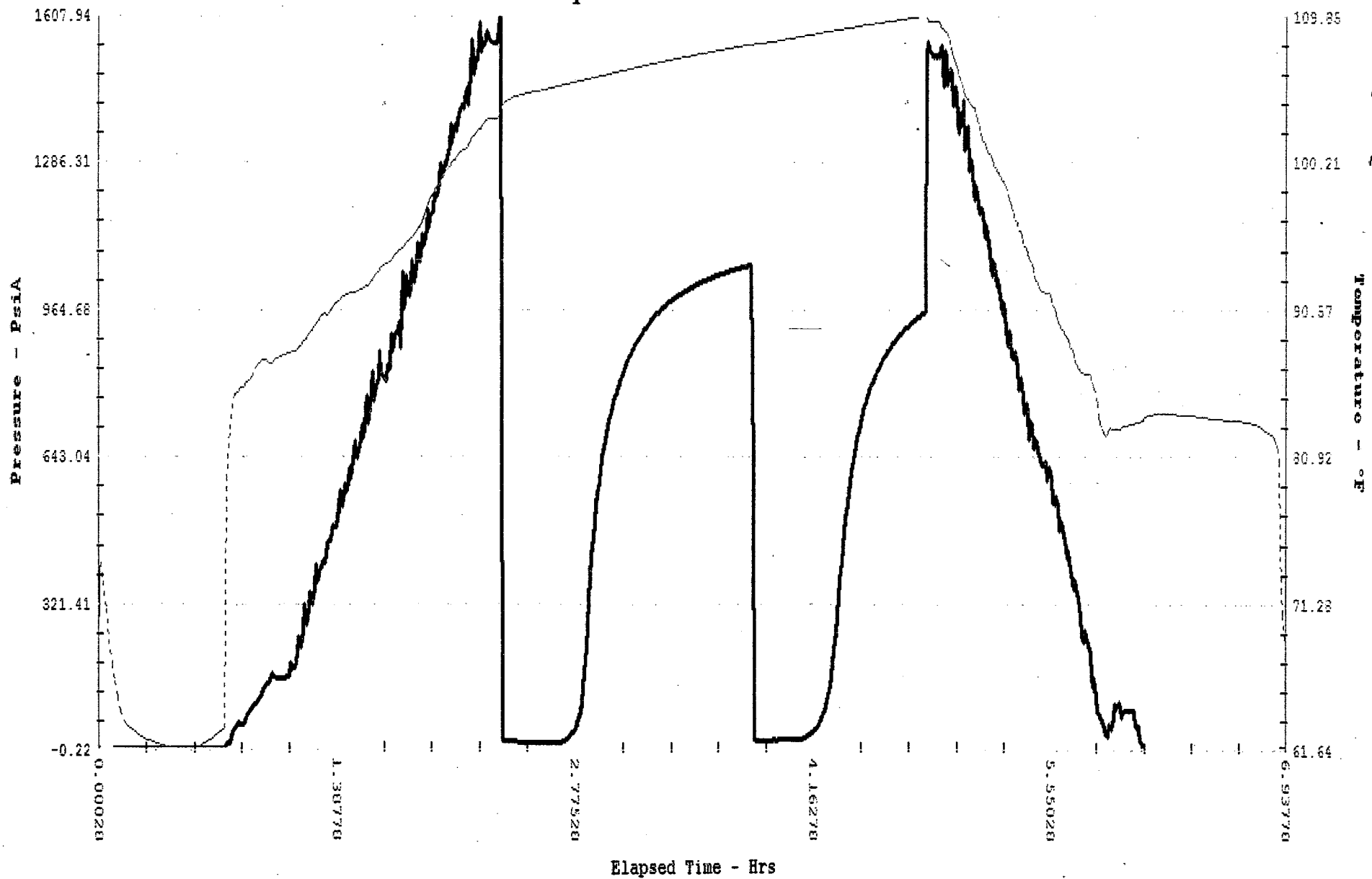
**FINAL FLOW** WEAK BLOW DIED OFF LESS THEN 1 MIN

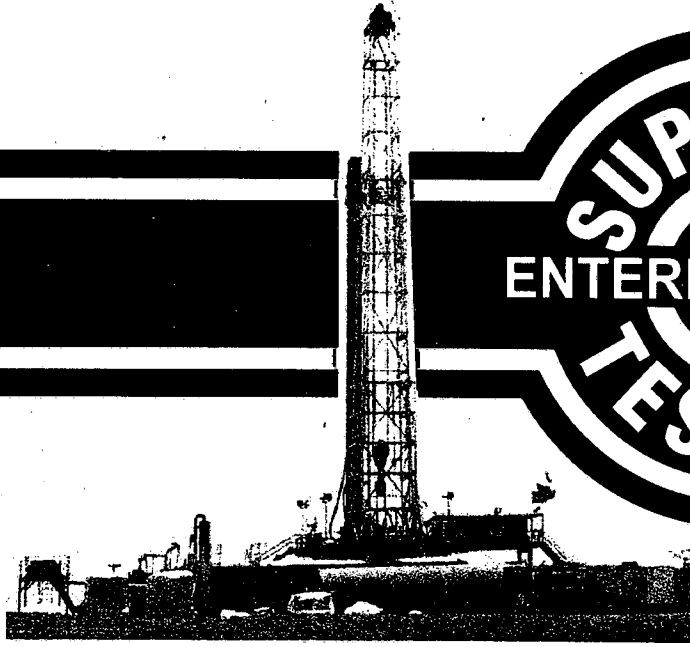
Feet of Recovery		RESISTIVITY	AT	DEGREES	CHLORIDES			
		RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1)	1	spot oil cut mud				1	99	
2)								
3)								
4)								
5)								





# Temperature / Pressure Data





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CONSERVATION DIVISION  
WICHITA, KS

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 10-8-06 Location 24-18-10W Elevation 1738 County Rice  
 Company Samuel Gary Jr & Associates Inc Number of Copies 5

Charts Mailed to 1670 Broadway Suite 3300 Denver CO 80202

Drilling Contractor Summit Drilling  
 Length Drill Pipe 2865 I.D. Drill Pipe \_\_\_\_\_ Tool Joint Size 4

Length Weight Pipe \_\_\_\_\_ I.D. Weight Pipe \_\_\_\_\_ Tool Joint Size \_\_\_\_\_  
 Length Drill Collars 354 I.D. Drill Collars 3.8 Tool Joint Size 4 1/2

Top Packer Depth 3240 Bottom Packer Depth 3245 Number of Packers 2 Packer Size 6 3/4  
 TESTED FROM 3245 TO 3265 ANCHOR LENGTH 20 TOTAL DEPTH 3265 Hole Size 7 1/8

LEASE & WELL NO. Behnke Tracts 1-24 FORMATION TESTED Arbuckle TEST NO. 3

Mud Weight 9.4 Viscosity 55 Water Loss 10.4 Chlorides - Pits 5600 D.S.T. \_\_\_\_\_  
 Maximum Temp. 112 °F Initial Hydrostatic Pressure (A) 1160 P.S.I. Final Hydrostatic Pressure (H) 1538 P.S.I.

Tool Open I.F.P. from 8:58 p.m. to 9:18 p.m. 20 min. P.S.I. to [C] 58 P.S.I.

Tool Closed I.C.I.P. from 9:18 p.m. to 10:18 p.m. 60 min. [D] 1113 P.S.I.

Tool Open F.F.P. from 10:18 p.m. to 11:18 p.m. 60 min. from [E] 61 P.S.I. to [F] 123 P.S.I.

Tool Closed F.C.I.P. from 11:18 p.m. to 2:18 A 180 min. [G] 1117 P.S.I.

Initial Blow Weak Blow Built 46 inches in 20 min

Final Blow Weak Building Blow Bottom of Bucket ~~200~~ in 40 min States hours

Total Feet Recovered 300 feet fluid total 0.1 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

<u>210</u> Feet of <u>Oil</u>	% Gas <u>100</u>	% Oil _____	% Mud _____	% Water _____
<u>90</u> Feet of <u>Slightly oil cut mud</u>	% Gas <u>10</u>	% Oil <u>90</u>	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____
_____ Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____

Total Barrels 0.1  
1.0731  
0.3969  
mud

Remarks Little Bit Plugging Clean up on second open

Extra Equipment - Jars Yes Safety Joint Yes Extra Packer \_\_\_\_\_ Straddle \_\_\_\_\_ Hook Wall \_\_\_\_\_

Top Recorder No. 4023 Clock No. Electronica Depth 3261 Cir. Sub \_\_\_\_\_ Sampler \_\_\_\_\_  
 Bottom Recorder No. 3088 Clock No. 47441 Depth 3262 Insurance \_\_\_\_\_

Price of Job \_\_\_\_\_  
 Tool Operator Andy Baker  
 Approved By \_\_\_\_\_  
 No 14249

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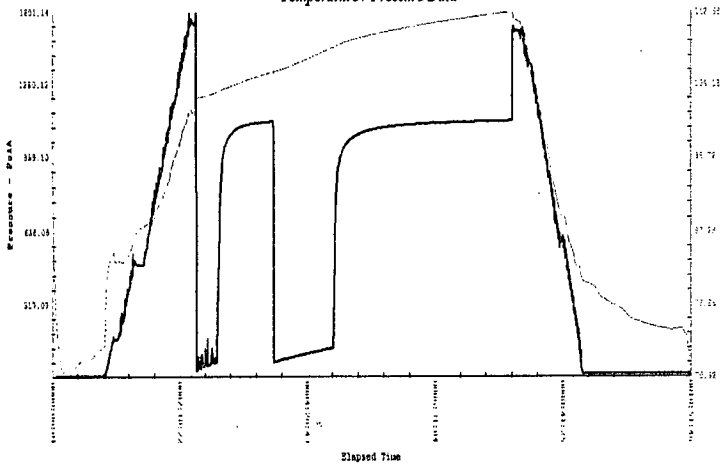
1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: SAMUEL GARY JR & ASSOCIATES INC  
 Lease & Well No. BEHNKE TRUSTS 1-24 Test #: 3 Date: 10-8-06  
 SEC. 24 TWP. 18 RGE. 10

Temperature / Pressure Data



- |   |                              |      |
|---|------------------------------|------|
| 1 | Initial Hydrostatic Pressure | 1601 |
| 2 | Initial Flow Pressure        | 21   |
| 3 | Final Initial Flow Pressure  | 58   |
| 4 | Initial Shut-In Pressure     | 1113 |
| 5 | Initial Final Flow Pressure  | 61   |
| 6 | Final Flow Pressure          | 123  |
| 7 | Final Shut-In Pressure       | 1117 |
| 8 | Final Hydrostatic Pressure   | 1538 |

Maximum Temperature      112

**GENERAL INFORMATION**

COMPANY NAME ..... SAMUEL GARY JR & ASSOCIATES INC	
TEST DATE ..... 10/8/06	LEASE AND WELL NUMBER ..... BEHNKE TRUSTS 1-24
SECTION-TOWN-RANGE ..... 24-18-10W	FORMATION TESTED ..... ARBUCKLE
STATE ..... KANSAS	DRILL STEM TEST NUMBER ..... 3
COUNTY ..... RICE	REPORT NUMBER ..... 14249
ELEVATION GROUND LEVEL ..... 1738	ELEVATION KELLY BUSHINGS ..... 1749
COMPANY REPRESENTATIVE ..... TOM FERTAL	TESTING ENGINEER ..... JARED SCHECK

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... 3245	TOP PACKER DEPTH ..... 3240
TEST INTERVAL (to) ..... 3265	BOTTOM PACKER DEPTH ..... 3245
ANCHOR LENGTH ..... 20	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 3265	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

**FLOW TIMES**

TOOL OPEN (from) ..... 8:58P	TOOL OPEN (from) ..... 10:18
INITIAL OPEN TOOL OPEN (to) ..... 9:18	FINAL OPEN TOOL OPEN (to) ..... 11:18
DURATION (min.) ..... 20	DURATION (min.) ..... 60
TOOL CLOSED (from) ..... 9:18	TOOL CLOSED (from) ..... 11:18
INITIAL SHUT-IN TOOL CLOSED (to) ..... 10:18	FINAL SHUT-IN TOOL CLOSED (to) ..... 2:18
DURATION (min.) ..... 60	DURATION (min.) ..... 180

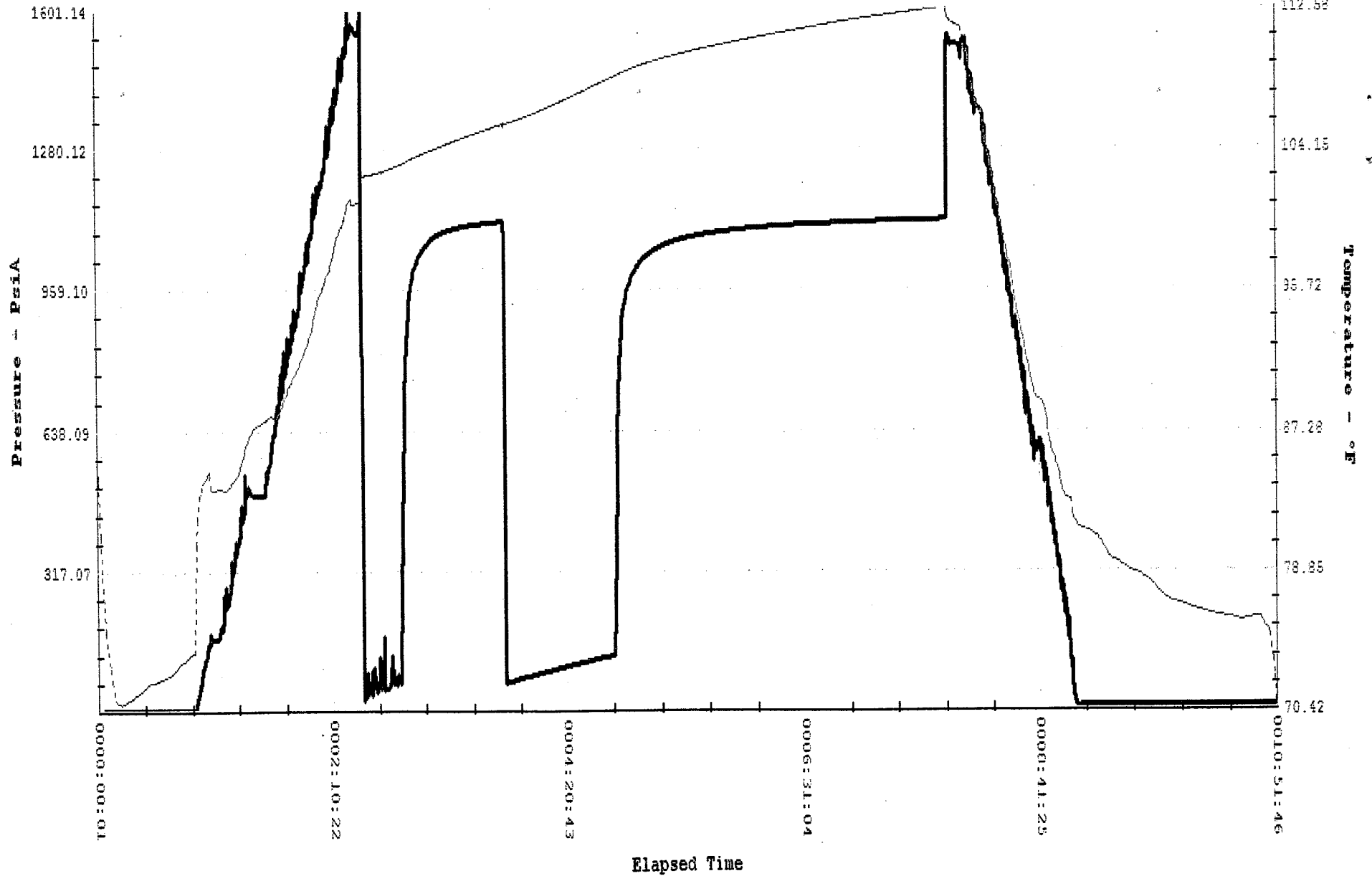
**INITIAL FLOW      WEAK BLOW BUILT 4 INCHS IN 20 MIN**

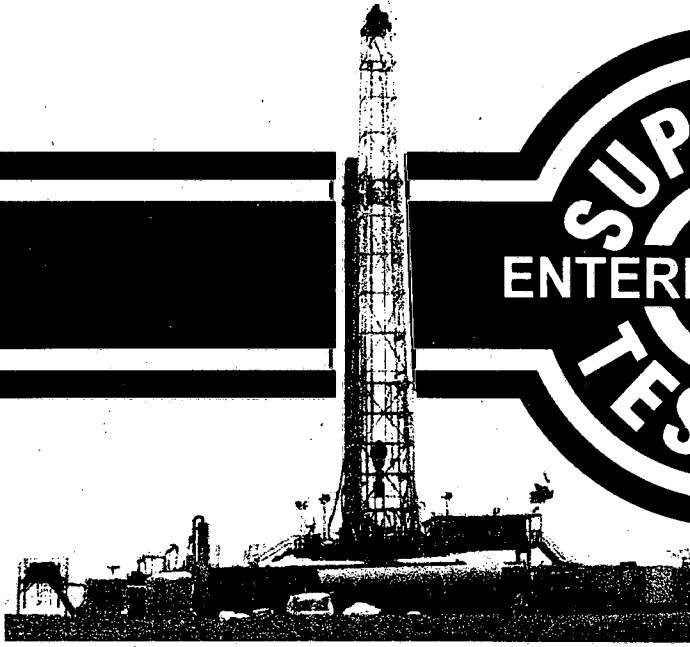
**FINAL FLOW      WEAK BLOW BUILT BOTTOM OF BUCKET IN 40 MIN STAY THERE**

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 210	OIL				100		
2)	SLIGHTLY OIL CUT MUD				10	90	
3)	TOTAL BARRELS OIL 1.0731						
4)	TOTAL BARRELS OF MUD 0.3969						
5)							



# Temperature / Pressure Data





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JAN 25 2007

CONSERVATION DIVISION  
MICHITA, KS

# *Formation Testing Service Report*



# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530  
(316) 792-6902

Date 10-9-06 Location 24-18-10W Elevation 1738 County Rice  
 Company Samuel Gary Jr & Associates Inc Number of Copies 5  
 Charts Mailed to 1670 Broadway Suite 3300 Denver CO 80202  
 Drilling Contractor Summit Drilling  
 Length Drill Pipe 2886 I.D. Drill Pipe 3 1/4 Tool Joint Size 4  
 Length Weight Pipe \_\_\_\_\_ I.D. Weight Pipe \_\_\_\_\_ Tool Joint Size \_\_\_\_\_  
 Length Drill Collars 354 I.D. Drill Collars 2 1/2 Tool Joint Size 4 1/2 X 1 1/4  
 Top Packer Depth 3261 Bottom Packer Depth 3266 Number of Packers 2 Packer Size 6 3/4  
 TESTED FROM 3266 TO 3275 ANCHOR LENGTH 9 TOTAL DEPTH 3275 Hole Size 7 1/8  
 LEASE & WELL NO. Behrke Truss 1-24 FORMATION TESTED Arbuckle TEST NO. 4  
 Mud Weight 9.7 Viscosity 65 Water Loss 102 Chlorides - Pits 9,000 D.S.T. 22,000  
 Maximum Temp. 114 °F Initial Hydrostatic Pressure (A) 1632 P.S.I. Final Hydrostatic Pressure (H) 1546 P.S.I.

Tool Open I.F.P. from 5:36 p.m. to 5:56 p.m. 20 min  
 Tool Closed I.C.I.P. from 5:56 p.m. to 6:56 p.m. 60 min  
 Tool Open F.F.P. from 6:56 p.m. to 7:56 p.m. 60 min  
 Tool Closed F.C.I.P. from 7:56 p.m. to 9:56 p.m. 120 min  
 Initial Blow Weak Blow Built 2' air into Bucket in 20 min  
 Final Blow Weak Blow Built 5 inches in 60 min

from [B] 18 P.S.I. to [C] 30 P.S.I.  
 [D] 1129 P.S.I.  
 from [E] 36 P.S.I. to [F] 82 P.S.I.  
 [G] 1126 P.S.I.

Total Feet Recovered 154 Total slightly oil cut muddy water Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

Feet of	Description	% Gas	% Oil	% Mud	% Water
<u>4</u>	<u>Slightly oil cut mud water</u>		<u>25</u>		<u>15</u>
<u>30</u>	<u>Slight oil cut mud water</u>		<u>2</u>		<u>15</u>
<u>120</u>	<u>Water</u>		<u>25</u>		<u>95</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

0.1	.00784	Mud	Water
		.06321	.66885

Remarks \_\_\_\_\_

Extra Equipment - Jars Yes Safety Joint Yes Extra Packer \_\_\_\_\_ Straddle \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Top Recorder No. 4023 Clock No. Electronica Depth 3271 Cir. Sub \_\_\_\_\_ Sampler \_\_\_\_\_  
 Bottom Recorder No. 3099 Clock No. 47441 Depth 3272 Insurance \_\_\_\_\_

Price of Job \_\_\_\_\_  
 Tool Operator Jim Selt  
 Approved By \_\_\_\_\_  
 No. 14250

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to 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.

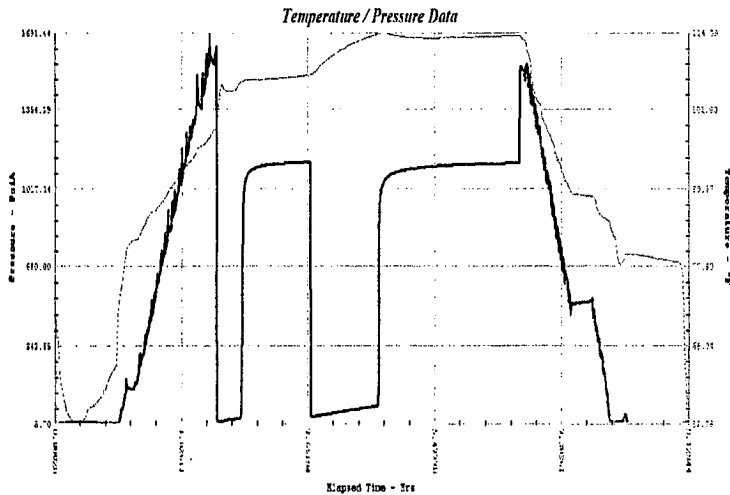
# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-8902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: SAMUEL GARY JR & ASSOCIATES INC  
 Date: 10-9-06 SEC. 24 TWP. 18 RGE. 10  
 Lease & Well No. BEHNKE TRUSTS 1-24 Test #: 4



- 1 Initial Hydrostatic Pressure 1632
- 2 Initial Flow Pressure 18
- 3 Final Initial Flow Pressure 30
- 4 Initial Shut-In Pressure 1129
- 5 Initial Final Flow Pressure 36
- 6 Final Flow Pressure 82
- 7 Final Shut-In Pressure 1126
- 8 Final Hydrostatic Pressure 1546

Maximum Temperature 114

### GENERAL INFORMATION

COMPANY NAME ..... **SAMUEL GARY JR & ASSOCIATES INC**

TEST DATE ..... **10/9/06**

SECTION-TOWN-RANGE ..... **24-18-10W**

STATE ..... **KANSAS**

COUNTY ..... **RICE**

ELEVATION GROUND LEVEL ..... **1738**

COMPANY REPRESENTATIVE ..... **TOM FERTAL**

LEASE AND WELL NUMBER ..... **BEHNKE TRUSTS 1-24**

FORMATION TESTED ..... **ARBUCKLE**

DRILL STEM TEST NUMBER ..... **4**

REPORT NUMBER ..... **14250**

ELEVATION KELLY BUSHINGS ..... **1749**

TESTING ENGINEER ..... **JARED SCHECK**

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... **3266**

TEST INTERVAL (to) ..... **3275**

ANCHOR LENGTH ..... **9**

TOTAL DEPTH (ft) ..... **3275**

TOP PACKER DEPTH ..... **3261**

BOTTOM PACKER DEPTH ..... **3266**

NUMBER OF PACKERS ..... **2**

PACKER SIZE ..... **6 3/4**

HOLE SIZE ..... **7 7/8**

### FLOW TIMES

TOOL OPEN (from) ..... **5:36P**

INITIAL OPEN TOOL OPEN (to) ..... **5:56**

DURATION (min.) ..... **20**

TOOL OPEN (from) ..... **6:56**

FINAL OPEN TOOL OPEN (to) ..... **7:56**

DURATION (min.) ..... **60**

TOOL CLOSED (from) ..... **5:56**

INITIAL SHUT-IN TOOL CLOSED (to) ..... **6:56**

DURATION (min.) ..... **60**

TOOL CLOSED (from) ..... **7:56**

FINAL SHUT-IN TOOL CLOSED (to) ..... **9:56P**

DURATION (min.) ..... **120**

### INITIAL FLOW

**WEAK BLOW BUILT 2 1/2 INCHES IN TO BUCKET IN 20 MIN**

### FINAL FLOW

**WEAK BLOW BUILT 5 INCHES INTO BUCKET IN 60 MIN**

Feet of Recovery		RESISTIVITY	AT	DEGREES	CHLORIDES				
		RECOVERY DESCRIPTION				% GAS	% OIL	% MUD	% WATER
1)	4	SLIGHTLY OIL CUT MUDDY WATER					25	60	15
2)	30	SLIGHTLY OIL CUT MUDDY WATER					2	15	73
3)	120	WATER						5	95
4)		TOTAL BARREL /OIL .00784/MUD .06321							
5)		WATER .66885 CHLORIDES=22,000							

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	<b>SAMUEL GARY JR &amp; ASSOCIATES INC</b>	LEASE AND WELL NUMBER .....	<b>BEHNKE TRUSTS 1-24</b>
TEST DATE .....	<b>10/9/06</b>	FORMATION TESTED .....	<b>ARBUCKLE</b>
SECTION-TOWN-RANGE .....	<b>24-18-10W</b>	DRILL STEM TEST NUMBER .....	<b>4</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>14250</b>
COUNTY .....	<b>RICE</b>	ELEVATION KELLY BUSHINGS .....	<b>1749</b>
ELEVATION GROUND LEVEL .....	<b>1738</b>	TESTING ENGINEER .....	<b>JARED SCHECK</b>
COMPANY REPRESENTATIVE .....	<b>TOM FERTAL</b>		

### EXTRA EQUIPMENT

JARS .....	<b>YES</b>	EXTRA PACKER (3RD) .....	<b>NO</b>
SAFETY JOINT .....	<b>YES</b>	EXTRA PACKER (4TH) .....	<b>NO</b>
ELECTRONIC RECORDER .....	<b>YES</b>	STRADDLE .....	<b>NO</b>
CIRCULATING SUB .....	<b>NO</b>	HOOK WALL .....	<b>NO</b>
	<b>62 MILES ROUND TRIP FROM</b>	SAMPLER .....	<b>NO</b>
	<b>GREAT BEND</b>		
TOP RECORDER DEPTH .....	<b>3271</b>	BOTTOM RECORDER DEPTH .....	<b>3272</b>
RECORDER NUMBER .....	<b>91971</b>	RECORDER NUMBER .....	<b>3875</b>

### WELL INFORMATION

DRILLING CONTRACTOR .....	<b>SUMMIT DRILLING</b>	DRILL COLLAR LENGTH .....	<b>354</b>
DRILL PIPE LENGTH .....	<b>2886</b>	DRILL COLLAR I.D. ....	<b>2.25</b>
DRILL PIPE I.D. ....	<b>3.8</b>	TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>
TOOL JOINT SIZE .....	<b>4</b>		
WEIGHT PIPE LENGTH .....		MUD WEIGHT #/GAL .....	<b>9.1</b>
WEIGHT PIPE I.D. ....	<b>2.25</b>	VISCOSITY .....	<b>65</b>
TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>	WATER LOSS .....	<b>102</b>
		CHLORIDES-PITS .....	<b>9,000</b>
		CHLORIDES-DST .....	<b>22,000</b>

### COMMENTS

# Temperature / Pressure Data

