

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED

Operator: License # 32781
Name: Roberts Resources, Inc.
Address: 520 S. Holland ~ Suite 207
City/State/Zip: Wichita, KS 67209
Purchaser: Oneok Field Services / NCRA
Operator Contact Person: Kent Roberts
Phone: (316) 721-2817
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Kent Roberts

JUL 26 2004

KCC WICHITA

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. _____
3/24/04 4/4/04 4/21/04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 097-21537 - ∞∞∞
County: Kiowa
NE NE NE NE Sec. 32 Twp. 30 S. R. 18 East West
370 feet from S / N (circle one) Line of Section
555 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Emerson - Caraway Trust Well #: 2
Field Name: Alford
Producing Formation: Mississippi
Elevation: Ground: 2156 Kelly Bushing: 2167
Total Depth: 5125 Plug Back Total Depth: 5100
Amount of Surface Pipe Set and Cemented at 653 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) Alt I KCR 3/3/08
Chloride content 34000 ppm Fluid volume 1800 bbls
Dewatering method used Haul Off Free Water
Location of fluid disposal if hauled offsite: _____
Operator Name: Advantage Resources
Lease Name: Hardy B-1 License No. 6927
Quarter NE Sec. 24 Twp. 28 S. R. 18 East West
County: Kiowa Docket No. D-27161

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. 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 of 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: Kent Roberts
Title: President Date: 7/23/04
Subscribed and sworn to before me this 23 day of July,
19 2004
Notary Public: Connie R. Richardson
Date Commission Expires: 12-12-07

CONNIE R. RICHARDSON
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 12-12-07

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name, Roberts Resources, Inc. Lease Name, Emerson - Caraway Trust Well #* 2
 Sec 32 Twp 30 S. R 18 East West County: Kiowa

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Neutron - Density, Dual Induction, Sonic, Micro Cement Bond	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stotler</td> <td>3483</td> <td>-1316</td> </tr> <tr> <td>Emporia</td> <td>3574</td> <td>-1407</td> </tr> <tr> <td>Heebner</td> <td>4200</td> <td>-2033</td> </tr> <tr> <td>Lansing</td> <td>4383</td> <td>-2216</td> </tr> <tr> <td>Altamont</td> <td>4864</td> <td>-2697</td> </tr> <tr> <td>Pawnee</td> <td>4896</td> <td>-2729</td> </tr> <tr> <td>Cherokee Shale</td> <td>4941</td> <td>-2774</td> </tr> <tr> <td>Mississippi</td> <td>5001</td> <td>-2834</td> </tr> </tbody> </table>	Name	Top	Datum	Stotler	3483	-1316	Emporia	3574	-1407	Heebner	4200	-2033	Lansing	4383	-2216	Altamont	4864	-2697	Pawnee	4896	-2729	Cherokee Shale	4941	-2774	Mississippi	5001	-2834
Name	Top	Datum																										
Stotler	3483	-1316																										
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Cherokee Shale	4941	-2774																										
Mississippi	5001	-2834																										

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"	23#	653	A-Con 60/40 Poz.	150 125	3% CC 1/4# cellflake 3% CC 2% gel
Production	7 7/8"	4 1/2"	10.5#	5120	AA-2	175	10% salt, 5# / sk gilsonite

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

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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	5058' to 5062' CIBP @ 5048	500 gal 15% MIRA	
4	5021' to 5027'	750 gal 15% MIRA. 4000 gal 15% XTA w/ 4000 gal hydravis gel pads	

TUBING RECORD	Size <u>2 3/8"</u> Set At <u>5047</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	---------------------------------------	-----------------------	---

Date of First, Resumed Production, SWID or Enhr. <u>5/26/04</u>		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. <u>3</u>	Gas Mcf <u>310</u>	Water Bbls. <u>8</u>	Gas-Oil Ratio	Gravity

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

**ROBERTS RESOURCES, INC.
DAILY DRILLING REPORT**

Well: Emerson-Caraway #2
 Spot: 370' FNL & 555' FEL
 County: Kiowa
 Contractor: Duke Drilling Co., Rig #1
 Geologist: Kent Roberts
 Mud Co.: Mud-Co., Inc.
 Gas Sniffer: Earth Tech
 Testing: Trilobite Testing
 Supply Co.: Sunrise Supply / National Oilwell
 Cement: Acid Services

Prospect: Emerson
 Section: 32-30s-18w
 State: Kansas

Elevation: G.L.= 2156
 K.B.= 2167

Key Well: Roberts Resources
Emerson-Caraway #1
150' W of NW NE
Sec. 32-30s-18w
 API # 15-097-21537

<u>Tops</u>	<u>Sample</u>		<u>E-Log</u>			<u>Key Well</u>
Stotler	3477	-1310	3483	-1316	-1	-1315
Emporia	3571	-1404	3574	-1407	-3	-1404
Heebner Shale	4198	-2031	4200	-2033		-2037
Brown Lime	4363	-2196	4364	-2197	+4	-2204
Lansing	4383	-2216	4383	-2216	+7	-2223
B/KC	4810	-2643	4809	-2642	+15	-2657
Altamont	4860	-2693	4864	-2697	+9	-2706
Pawnee	4894	-2727	4896	-2729	+14	-2743
Cherokee Shale	4940	-2773	4941	-2774	+13	-2787
Mississippi	5001	-2834	5001	-2834	+13	-2847
Miss. Dolomite	5022	-2855	5022	-2855	+22	-2877
Total Depth	5125	-2958	5118	-2951		

DST #1 "Stotler". 3480' to 3495' (30-30-30-30) 1st open, Strong blow off bottom of bucket in 10 seconds then decreased. 2nd open, Fair blow built to 5 inches. Did not have any gas to surface. Recovered 120' muddy salt water. HP: 1761-1645. FP: 11-48 / 52-72. SIP: 1084-1036 Rec. Chl. 52,000 ppm

DST #2 "Miss. Dolomite" 5018' to 5030' (45-60-45-90) 1st open, Strong blow off bottom of bucket. choke was shut, had GTS in 22 minutes thru bubble hose. 25 min. Open choke on 3/4", gauge 693 MCF 30 min., gauge 342 MCF. Reduce choke to 1/2. 35 min., gauge 165 MCF. 45 min., gauge 192 MCF. 2nd open, 10 min., gauge 208 MCF. 20 min., gauge 220 MCF. 30 min., gauge 227 MCF. 40 min., gauge 232 MCF and stabilized. Recovered 30' mud. HP: 2493-2489. FP: 21-45 / 35-54. SIP: 895-892

DST #3 "Miss Dolomite" 5030' to 5042'. (15-30-15-30) Set packers and hole taking fluid, cut test short. 1st open, Good blow built to 7 inches. 2nd open, Good blow built to 7 inches. Recovered 10' mud. HP: 2492-2405. FP: 7-8 / 7-11. SIP: 266-291

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 100 S. Main
 Suite #607
 Wichita KS 67202
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 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 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

Bill to:			7499600	Invoice	Invoice Date	Order	Order Date
Roberts Resources, Inc. 520 Holland, Suite 207 Wichita, KS 67209				404009	4/9/04	8397	4/4/04
RECEIVED							
JUL 26 2004							
KCC WICHITA							
Service Description							
Cement							
				Lease		Well	
				Emerson Caraway Trust		2	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	K. Roberts	D. Scott		New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D205	AA2 (COMMON)	SK	175	\$13.19	\$2,308.25 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C195	FLA-322	LB	132	\$7.50	\$990.00 (T)
C221	SALT (Fine)	GAL	908	\$0.25	\$227.00 (T)
C243	DEFOAMER	LB	17	\$3.00	\$51.00 (T)
C312	GAS BLOCK	LB	124	\$5.00	\$620.00 (T)
C321	GILSONITE	LB	858	\$0.60	\$514.80 (T)
C194	CELLFLAKE	LB	42	\$2.00	\$84.00 (T)
C244	CEMENT FRICTION REDUCER	LB	42	\$4.50	\$189.00 (T)
F210	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$250.00	\$250.00 (T)
F170	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$230.00	\$230.00 (T)
F100	TURBOLIZER, 4 1/2"	EA	10	\$67.00	\$670.00 (T)
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	24	\$44.00	\$1,056.00 (T)
C300	"A" FLUSH	GAL	5	\$22.50	\$112.50 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.25	\$146.25
E107	CEMENT SERVICE CHARGE	SK	200	\$1.50	\$300.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	421	\$1.30	\$547.30
R211	CASING CEMENT PUMPER, 5001-5500' 1ST 4 HRS ON LOC	EA	1	\$1,943.00	\$1,943.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	45	\$2.00	\$90.00
F120	BASKET, 4 1/2"	EA	1	\$180.00	\$180.00 (T)

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

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



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Liberal, KS 67905-0129
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(620) 624-2280 FAX

Invoice

	Sub Total:	\$11,080.10
	Discount:	\$3,442.91
	Discount Sub Total:	\$7,637.19
<i>Kiowa County & State Tax Rate: 6.30%</i>	Taxes:	\$333.43
<i>(T) Taxable Item</i>	Total:	\$7,970.62

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Greensburg South Coline, 1mi East, 3/4 mi North, W Into



INVOICE NO.	Subject to Correction			FIELD ORDER 8397
Date 4-4-04	Lease Emerson	Well # 2	Legal 32-30s-18w	
Customer ID	County Kiowa	State KS	Station Pratt KS	
Roberts Resources	Depth	Formation TP=5120' 10.5 ppf	Shoe Joint 21.29	
	Casing 4 1/2	Casing Depth 5125	Job Type Longstring N.W.	
	Customer Representative Kent Roberts		Treater D Scott	
AFE Number	PO Number	Materials Received by	X Kent Roberts	

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	175 ski	AA-2 Common	✓			
D203	25 ski	60-40 por. Common	✓			
C195	132 Lb	FLA-322	✓			
C221	908 Lb	Salt Fine	✓			
C243	17 Lb	Defamer	✓			
C312	124 Lb	Gas Blok	✓			
C321	858 Lb	Gilsonite	✓			
C194	42 Lb	Cellflake	✓			
C244	42 Lb	Cmt F.R.	✓			
F210	1 ea	Float Shoe 4 1/2 in	✓			
F190	1 ea	L.D. Plug & Baffle "	✓			
F100	10 ea	Centralizers "	✓			
F292	24 ea	Rotating Scratchers	✓			
C300	5 gal	'A' Flush = 1000 gal	✓			
E100	1 ea	Trkmi lway 45 mi				
E107	200 ski	Cmt Serv Chg				
E104	421 tm	Bulk Delv Chg				
R211	1 ea	Pump Charge				
R701	1 ea	Cmt Head Rental 4 1/2 in				
R702	1 ea	Csg Swivel Rental "				
E101	1 ea	Pickup mi lway 45 mi				
F120	1 ea	Cmt Basket 4 1/2 in				
Discounted Price =				7637.19		

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10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL



TREATMENT REPORT

Customer ID		Date	
Customer	Roberts Resources	4-4-04	
Lease	Emerson	Lease No.	Well # 2

Field Order # 8397	Station Pratt KS	Casing 4 1/2	Depth 5120	County Kiowa	State KS
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Type Job Longstring N.W.	Formation	Legal Description 32-30s-18w
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 4 1/2	Tubing Size	Shots/Ft 1.44 ^A	15.0 ppg	Acid 175ski AA-2 .8 FLA-322	RATE	PRESS 2000	ISIP
Depth 3099	Depth PSTD	From	To	Pre Pad 10% Salt, 1D.F., 75	Max Gas Blok		5 Min.
Volume 81	Volume	From	To	Post 5 1/2 Gil, 25 CF, 25 Cmt F.R.	Min		10 Min.
Max Press 2000	Max Press	From	To	Frac 23 ski 60-40 poz	Avg Plug R.H. + M.H.		15 Min.
Well Connection	Annulus Vol.	From	To	44.8 Bbls SL	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 1000 gali A-Flu	Gas Volume		Total Load

Customer Representative Kent Roberts	Station Manager Dave Autry	Treater D. Scott
--------------------------------------	----------------------------	------------------

Service Units	118	46	57	32	76				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0800					RECEIVED On loc w/ Trki Safety mtg F.S. Bottom h.D. Baffle Top S.J. JUL 26 2004 Cent 1-2-3-5-7-9-11-13-15-17 Basket 103 [#] KCC WICHITA Csg on Bottom Drop Balke Circ 1hr
1432	200		5	5	H ₂ O Spacer
1433	200		20	5	St A-Flush
1437	200		10	5	H ₂ O Spacer
1444	300		44.8	4.5	Mix Cmt @ 15.0 ppg 175 ski
1455	0		10	5	Chose In + Wash Pump + line
1457	0			7	Release Plug + St Disp w/ H ₂ O
				7	lost Circ when st Disp
1504	100		50	5	Regained Circ w/ 50 Bbls Disp Out
1506	225		68	5	Lifting Cmt 68 Bbls Disp Out
1516	1500		81	0	Plug Down + psi Test plug
1512	0				Release psi float held
					Rotated Csg Thru Job
					Plug R.H. + M.H. w/ 25 ski 60-40 poz
					Job Complete
					Thank you Scotty

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 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

Invoice

Bill to:		7499600	Invoice	Invoice Date	Order	Order Date
Roberts Resources, Inc. 520 Holland, Suite 207 Wichita, KS 67209			403148	3/30/04	8274	3/25/04
RECEIVED JUL 26 2004 KCC WICHITA		Service Description				
		Cement				
		Lease		Well		
		Emerson Caraway Trust		2		
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	M. Godfrey	T. Seba	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	150	\$13.08	\$1,962.00 (T)
D203	60/40 POZ (COMMON)	SK	125	\$7.84	\$980.00 (T)
C310	CALCIUM CHLORIDE	LBS	747	\$0.75	\$560.25 (T)
C194	CELLFLAKE	LB	63	\$2.00	\$126.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.25	\$146.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	560	\$1.30	\$728.00
E107	CEMENT SERVICE CHARGE	SK	275	\$1.50	\$412.50
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$6,246.00

Discount: \$1,873.57

Discount Sub Total: \$4,372.43

Taxes: \$166.94

Total: \$4,539.37

PAID

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

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

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.

FIELD ORDER 8274

Subject to Correction

Date 3.25.04	Lease ERIKSSON-CARAWAY TRUST	Well # 2	Legal 32-305-18W
Customer ID	County KIOWA	State KS	Station PRATT
Depth 23'		Formation	Shoe Joint 46.02 Baffle
Casing 8 5/8		Casing Depth 652'	TD 653'
Job Type 8 5/8 surface well		NEW WELL	
Customer Representative MIKE GOOPREY		Treater T. SERA	

CHARGE

ROBERTS RESOURCES INC

AFE Number _____ PO Number _____

Materials Received by *X Mike Gooprey*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-201	150 SKS	A-CON (common)	✓			
D-203	125 SKS	60/40 P62 (common)	✓			
C-310	747 lbs	Calcium CHLORIDE	✓			
C-194	63 lbs	CELLULOSE	✓			
F-163	1 EA	WOODEN PLUG 8 5/8	✓			RECEIVED
F-303	1 EA	Baffle Plug (Alum)	✓			JUL 26 2004
E-100	45 mt	HEAVY VEH. MT				KCC WICHITA
E-104	45560TM	Bulk DELIVERY TM				
E-107	275 SKS	CMT SERV. CHARGE				
R-202	1 EA	Pump CHARGE				
R-701	1 EA	CMT HEAVY RENTAL				
		DISCOUNTED PRICE =		4,372.43		
		+ TAXES				

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383

TOTAL



TREATMENT REPORT

Customer ID		Date	
Customer: ROBERTS RESOURCES INC		3-25-04	
Lease: EMERSON CARAWAY TRUST		Lease No.	Well # 2

Field Order # 8274	Station PRATT	Casing 8 5/8	Depth 652	County KIOWA	State KS
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Type Job 8 5/8 Surface NEW WELL	Formation TD = 653	Legal Description 32-30S-18W
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PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft	LEAD	Acid 150 SKS A-CON	RATE	PRESS	ISIP	
Depth 652	Depth	From	To	Pre Pad 3 3/4 C.C 1/4" C.F.	Max		5 Min.	
Volume 38.78	Volume	From	To	Pad 11.8 #/GAL 2.71 ft³	Min		10 Min.	
Max Press 1000	Max Press	From	To TAIL	Frac 125 SKS 60/40 P02	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	3 3/4 C.C 1/4" C.F.	HHP Used		Annulus Pressure	
Plug Depth 665.98	Packer Depth	From	To	Flush 14.5 #/GAL 1.25 ft³	Gas Volume		Total Load	

Customer Representative MICK GORREY	Station Manager D. AUSTRY	Treater T. SEBA
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Service Units	114	27	35	70				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
21:30					RECEIVED
24:00					CALLER OUT
					ON LOC W/ITEX'S & SAFETY MTG.
					RUN 14 JT'S 8 5/8 23" CSG
					ALUM BOPPLE PLATE 1JT = 4602
2:45					START CSG
4:00					CSG ON BOTTOM
4:05					HOOK UP TO CSG ! BREAK CIRC W/RTG
4:21			10	5	START PUMPING
			72.40		START MIX ! Pump 150 SKS A-CON @ 11.8 #/GAL
			27.83		START MIX ! Pump 125 SKS 60/40 P02 @ 14.5 #/GAL
					SAWT DOWN ! RELEASE PLUG 8 5/8 WOODEN
				5	GRAB DESP
5:00			38.78	2	PLUG DOWN
5:02					CLOSE VALVE ON CSG
					GOOD CIRC TRIZY JO3
					CIRC OUT TO AST
5:30					JO3 Complete
					THANKS
					TOGO