

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Operator: License # 32781  
Name: Roberts Resources, Inc.  
Address: 520 S. Holland - Suite 207  
City/State/Zip: Wichita, Kansas 67209  
Purchaser: None  
Operator Contact Person: Kent Roberts  
Phone: (316) 721-2817  
Contractor Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Kent Roberts  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expt., 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. \_\_\_\_\_  
06-26-03 07-08-03 7-9-03  
Spud Date or Date Reached TD Completion Date or Recompletion Date

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OCT 23 2003  
KCC WICHITA

API No. 15 - 097-21508-00-00  
County: Kiowa County, Kansas  
NE NE NE Sec. 16 Twp. 29 S. R. 18  East  West  
380 feet from S N (circle one) Line of Section  
480 feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Mary/Dargel Unit Well #: 1  
Field Name: Nichols  
Producing Formation: None  
Elevation: Ground: 2230' Kelly Bushing: 2241'  
Total Depth: 5425' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 601 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate, if completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan *Plater 10-27-03*  
(Data must be collected from the Reserve Pit)  
Chloride content 24,000 ppm Fluid volume 1,600 bbls  
Dewatering method used Let Evaporate  
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 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: 10/21/03  
Subscribed and sworn to before me this 21 day of October  
2003  
Notary Public: Andria Criswell Notary Public State of Kansas  
My Appt Exp 11-5-00  
Date Commission Expires: 11-5-00

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: **Mary/Dargel Unit** Well #: **1**  
 Sec. **8** Twp. **29** S. R. **18**  East  West County: **Kiowa County, Kansas**

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 See Attached

List All E. Logs Run:  
 Neutron/Density, Dual Induction  
 Sonic, Micro-Log

CASING RECORD <input 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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	601'	A-Con 60/40	125 225	3%cc 1/2#cellflake

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				

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

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

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ACO-1 Attachment

Well: Mary #1 / Dargel Unit  
 Spot: 380' FNL & 480' FEL  
 County: Kiowa

Prospect: DARGEL  
 Section: 16-T29S-R18W  
 State: Kansas

Elevation: G.L.= 2230  
 K.B.= 2241

API # 15-097-21508

Tops	Sample		E-Log	
Stotler	3474	-1233	3472	-1231
Emporia	3559	-1318	3558	-1317
Heebner Shale	4119	-1878	4120	-1879
Brown Lime	4293	-2052	4289	-2048
Lansing	4303	-2062	4300	-2059
B/KC	4715	-2474	4714	-2473
Altamont	4766	-2525	4768	-2527
Pawnee	4803	-2562	4799	-2558
Cherokee Shale	4846	-2605	4840	-2599
Mississippi	4898	-2657	4894	-2653
Mississippi Osage	Absent		Absent	
Mississippi Lime	4919	-2678	4924	-2683
Viola	5060	-2819	5138	-2897
Simpson	5341	-3100	5343	-3102
Arbuckle	NDE		NDE	
Total Depth	5425	-3184	5421	-3180

DST #1 (4706' - 4780') 30-30-15-30. 1st open, Weak surface blow died in 30 seconds. Flushed tool, no help. 2nd open, No blow. Recovered 30' VSGCM (2% gas, 98% mud) FP: 17-503 / 26-52. SIP: 907-104. BHT 112.

DST #2 (4792' - 4840') 30-60-30-60. 1st open, Weak blow built to 2 inches. 2nd open, Weak blow built to 4 inches. Recovered 120' GIP, 20' VSGCM (4% gas 96% mud) FP: 20-25 / 16-34. SIP:138 - 224. BHT 114

DST #3 (4890 - 4905) 30-30-30-30. 1st open, fair blow built to 4 inches. 2nd open, fair blow built to 8 inches. Recovered 230' GIP, 10' GCM (10% gas, 90% mud) FP: 113-122 / 10-13. SIP: 259-94. BHT 117.

DST #4 (5138 - 5178) 30-45-30-45. 1st open, Weak blow built to 1 inch. 2nd open, No blow, flushed tool, weak blow built to 3 1/2 inches. Recovered 30' GIP, 90' GCM (10% gas 90% mud). FP: 27-28 / 29-63. SIP: 616 - 527. BHT 119.

DST #5 (5205 - 5240) 30-60-60-90 1st open, Weak blow built to 6 inches. 2nd open, Weak blow built to 8 inches. Recovered 45' MCW, 240' SMCW. FP: 24-74 / 79-158 SIP: 1654-1643. Recovery chlorides 130,000 ppm

RECEIVED  
 OCT 23 2003  
 KCC WICHITA



COPY

**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (316) 672-1201  
 (316) 672-5383 FAX

**ACIDIZING - FRACTURING - CEMENTING**

*Invoice*

<b>Bill to:</b>		7499600	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
Roberts Resources, Inc. 520 Holland, Suite 207 Wichita, KS 67209			307025	7/14/03	6401	7/9/03
<b>Service Description</b>						
Cement						
				<b>Lease</b>	<b>Well</b>	
				Mary Dargel Unit	1	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	M. Godfrey	T. Seba/B. Drake	New Well		Net 30	

RECEIVED  
 OCT 23 2003  
 KCC WICHITA

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	135	\$7.84	\$1,058.40 (T)
C320	CEMENT GELL	LB	467	\$0.25	\$116.75 (T)
E107	CEMENT SERVICE CHARGE	SK	135	\$1.50	\$202.50 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.25	\$113.75 (T)
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	205	\$1.30	\$266.50 (T)
R400	CEMENT PUMPER, PLUG & ABANDON (Workover Unit) 2 HR	EA	1	\$683.00	\$683.00 (T)

<b>Sub Total:</b>	\$2,440.90
<b>Discount:</b>	\$732.50
<b>Discount Sub Total:</b>	\$1,708.40
<b>Tax Rate:</b> 6.30%	<b>Taxes:</b> \$107.63
(T) Taxable Item	<b>Total:</b> <span style="border: 1px solid black; padding: 2px;">\$1,816.03</span>

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.
Date 7-9-03
Customer ID

**FIELD ORDER** 6401

Subject to Correction

CHARGE

Roberts Resources Inc.

Lease MARY DARGEL UNIT	Well # 1	Legal 16-29S-18W
County KEOWA	State KS	Station PRATT
Depth	Formation	Shoe Joint 15/A
Casing 4 1/2 O.P.	Casing Depth 1100'	TD
Customer Representative MISC GORREY	Treater T-SCBA / BOBBY DRAKE	Job Type P.T.A. NEW WELL

AFE Number	PO Number
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Materials Received by *X [Signature]*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	135 SKS	6040 P2	✓			
C-320	467 lbs	CEMENT GEL	✓			
<p>RECEIVED</p> <p>OCT 23 2003</p> <p>KCC WICHITA</p>						
E-107	135 SKS	CEMENT SEW. CHARGE				
E-100	35 MT	UNITS /WAY MILES 35				
E-109	205 TM	TONS MILES				
R-400	1 EA	EA. P.T.A. PUMP CHARGE				
				DISCOUNTED PRICE =	1,708.40	
				+ 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	7-9-03	
Lease	Lease No.	Well #
MARY DARGEL UNIT		1

Field Order #	Station	Casing	Depth	County	State
6401	PRATT	4 1/2" DP	1100	KIOWA	KS
Type Job	Formation	Legal Description			
P.A. NEW WELL		16-243-18W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
8 5/8				135 SKS				5 Min.
Depth	Depth	From	To	Pre Pad	Max			10 Min.
602'				60' 40' Pol 60% GPC				15 Min.
Volume	Volume	From	To	Pad	Avg			
				133 #/GAL				
Max Press	Max Press	From	To	Frac	HHP Used			Annulus Pressure
				1.59 #/3				
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume			Total Load
Plug Depth	Packer Depth	From	To					

Customer Representative	Station Manager	Treater
MICK GOFFREY	D. ALLEY	T. SEBA

Service Units	105	114	26	44	76				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					called out
13:30					ON LOC W/ TRK'S; SAFETY MTG
					1st Plug 1100' 50SKS
17:10	150		15	4	Pump H2O
			14.15	7	MEXI Pump 50SKS
17:20	0		11.9	7	BAL! DISP
					2nd Plug 640' 50SKS
18:00	100		10	4	Pump H2O
			14.15	7	MEXI Pump 50SKS
18:10	0		5 1/2	7	BAL! DISP
					3rd Plug 40' 10SKS
18:20			2.83	3	MEXI Pump 10SKS
					CIRC CMT TO SURFACE
18:25			4.24	2	PLUG R. Hole 15SKS
18:30			2.83	2	Plug M. Hole 10SKS
					Job Complete
					THANKS
					TODD Bobby



**COPY**

**SALES OFFICE:**  
 100 S. Main  
 Suite #807  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (316) 672-1201  
 (316) 672-5388 FAX

**ACIDIZING - FRACTURING - CEMENTING**

**Invoice**

<b>Bill to:</b>			7499600	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
Roberts Resources, Inc. 520 Holland, Suite 207 Wichita, KS 67209				306132	6/30/03	6393	6/27/03
<p style="text-align: center;"><b>RECEIVED</b>          OCT 23 2003          KCC WICHITA</p>				<b>Service Description</b>			
				Cement			
				<b>Lease</b>		<b>Well</b>	
		Mary Dargel Unit		1			
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>		<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	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>
D203	60/40 POZ (COMMON)	SK	225	\$7.84	\$1,764.00 (T)
D201	A-CON BLEND (COMMON)	SK	125	\$13.08	\$1,635.00 (T)
C310	CALCIUM CHLORIDE	LBS	934	\$0.75	\$700.50 (T)
C194	CELLFLAKE	LB	88	\$2.00	\$176.00 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
E107	CEMENT SERVICE CHARGE	SK	350	\$1.50	\$525.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.25	\$113.75
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	545	\$1.30	\$708.50
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:** \$6,953.75  
**Discount:** \$2,155.66  
**Discount Sub Total:** \$4,798.09  
**Tax Rate:** 6.30%      **Taxes:** \$192.68  
*(T) Taxable Item*      **Total:** \$4,990.77

PAID

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.  
Date 6-27-03  
Customer ID

Subject to Correction

**FIELD ORDER** 6393

Lease MARY DARGEL UNIT Well # 1 Legal 16-29S-18W  
County KIOWA State KS Station PRATT  
Depth Formation Shoe Joint 45.43 Baffle Plate  
Casing 8 5/8 Casing Depth 602 TD 603 Job Type 8 5/8 surface NEW WELL  
Customer Representative MIKE CONROY Treater T. SP3A

CHARGE

Roberts Resources Inc.

AFE Number PO Number

Materials Received by **X** *[Signature]*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-203	225 SKS	60/40 P02	✓			
D-201	125 SKS	A-CON	✓			
C-310	934 lbs	CALCIUM CHLORIDE	✓			
C-194	88 lbs	CELL PLATE	✓			
F-303	1 EA	BAFFLE PLATE Alum 8 5/8	✓			
F-163	1 EA	WOODEN PLUG	✓			
E-107	350 SKI	CEMENT SOW. CHARGE				
E-100	35 ME	UNITS 1WAY MILES 35				
E-104	545 TM	TONS MILES 35				
R-202	1 EA	EA. 602' PUMP CHARGE				
R-701	1 EA	CEMENT HEAD RENTAL				
DISCOUNTED PRICE =				4,798.09		
+ 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 <b>ROBERTS RES. INC.</b>		6-27-03	
Lease <b>MARY DARGEL UNIT</b>		Lease No.	Well # <b>1</b>
Field Order # <b>6393</b>	Station <b>PRATT</b>	Casing <b>8 5/8</b>	Depth <b>602</b>
County <b>KIOWA</b>		State <b>KS</b>	
Type Job <b>8 5/8 Surface NEW WELL</b>		Formation	Legal Description <b>16-29S-18W</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>8 5/8</b>	Tubing Size	Shots/Ft	<b>1300</b>	Acid	<b>125 SK A-CON</b>	RATE	PRESS	ISIP
Depth <b>602'</b>	Depth	From	To	Pre-Pad	<b>3 3/8 C.C. 1/4" CELL PASTE</b>	Max		5 Min.
Volume <b>35.6</b>	Volume	From	To	Pad	<b>11.8 GAL 2.70 ft<sup>3</sup></b>	Min		10 Min.
Max Press	Max Press	From	To <b>TAIL</b>	Flush	<b>225 SK 60/40 P02</b>	Avg		15 Min.
Well Connection <b>BAPPLE</b>	Annulus Vol.	From	To	Flush	<b>3 3/8 C.C. 1/4" CELL PASTE</b>	HHP Used		Annulus Pressure
Plug Depth <b>556.57</b>	Packers Depth	From	To	Flush	<b>19.5 GAL 1.25 ft<sup>3</sup></b>	Gas Volume		Total Load

Customer Representative <b>MILK GOOPKEY</b>	Station Manager <b>D. AULRY</b>	Treater <b>T. SEBA</b>
---------------------------------------------	---------------------------------	------------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					CALLED OUT
10:15					ON LOC W/TEK'S & SAFETY MFG
12:10					RUN 130T'S 8 5/8 23" CSG BAPPLE 1ST-45.43
13:30					START CSG
13:35					CSG ON BOTTOM
13:40					Hook up to CSG
14:00	100			5	BREAK CIRC W/REG
					START PUMPING H <sub>2</sub> O
			10		
			60.11		START MIX: Pump 125 SK A-CON 11.8 GAL
			50.09		START MIX: Pump 225 SK 60/40 P02 & 19.8 GAL
			110.20		SILET DOWN
					RELEASE WOODEN PLUG
14:27	150			5	START DISP
14:36	300		356	2	PLUG DOWN
14:37	300				CLOSE VALVE ON CSG
					GOOD CIRC THEN STAB
					CALL CURT TO PRAT 30.5 SK
					JOB COMPLETE
					THANKS
					TJDD