

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

ORIGINAL

Operator: License # 32781  
Name: Roberts Resources, Inc.  
Address: 520 South Holland, Suite 207  
City/State/Zip: Wichita, Kansas 67209  
Purchaser: Oneok-Gas NCRA-Oil  
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, 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. \_\_\_\_\_

<u>02/08/02</u>	<u>02/21/02</u>	<u>03/07/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 097-21481-0000  
County: Kiowa  
SW Sec. 9 Twp. 29 S. R. 18  East  West  
330 feet from S N (circle one) Line of Section  
1550 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Dargel Well #: 1  
Field Name: URSULA  
Producing Formation: Marmaton  
Elevation: Ground: 2237' Kelly Bushing: 2246'  
Total Depth: 5040' Plug Back Total Depth: 5037'  
Amount of Surface Pipe Set and Cemented at 473' 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 Alt 1 7-03-02  
(Data must be collected from the Reserve Pit)  
Chloride content 24000 ppm Fluid volume 800 bbls  
Dewatering method used Evaporation  
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: 4/30/02  
Subscribed and sworn to before me this 30<sup>th</sup> day of April,  
2002  
Notary Public: Connie R. Richardson  
Date Commission Expires: 12/12/03

CONNIE R. RICHARDSON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 12/12/03

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: Dargel Well #: 1  
 Sec. 9 Twp. 29 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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:  
 Neutron Density, Dual Induction, Micro, Sonic, Cement Bond

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

SEE ATTACHED

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JUN 11 2002

KCC WICHITA

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#	473'	A-Con Com.	250	3%cc, 2% gel
Production	7-7/8"	5-1/2"	15#	5037'	AA-2	190	

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	4783-4787	2000 gal 28% XTA-30 Gel Acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	4736'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enh. 04/25/02		Producing Method <input checked="" 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
	20	1,000	0		

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

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

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

ROBERTS' RESOURCES, INC.  
DAILY DRILLING REPORT

ORIGINAL

Well: DARGEL #1  
Spot: 100' West of SW SE SW  
County: Kiowa

Section: 9-T29S-R18W  
State: Kansas

Elevation: G.L.= 2237  
K.B.= 2246

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API # 15-097-21481

Tops	Sample		E-Log	
Stotler	3490	-1244	3490	-1244
Emporia	3576	-1330	3576	-1330
Heebner Shale	4129	-1883	4131	-1885
Brown Lime	4301	-2055	4301	-2055
Lansing	4308	-2062	4311	-2065
B/KC	4730	-2484	4731	-2485
Altamont	4783	-2537	4782	-2536
Pawnee	4820	-2574	4818	-2572
Fort Scott	4850	-2604	4850	-2604
Mississippi	4924	-2678	4924	-2678
Mississippi Osage	4948	-2702	4948	-2702
Total Depth	5040	-2794	5041	-2795

DST #1 4316' to 4334', (30-30-30-30) IF: Weak blow built to 5", FF: Weak blow built to 2". Rec: 125' GIP, 125' Muddy water. FP: 20-56 / 57-86. SIP: 1444-1443. BHT 111 degree

DST #2 4616' to 4676'. (30-30-30-30) IF: Weak blow built to 6 1/2", FF: Weak blow built to 4". Rec: 90' Gas cut mud w/ oil specks, 60' Watery mud w/ oil specks. FP: 25-67 / 70-99. SIP: 1431-1353. BHT 115

DST #3. 4762' to 4792'. (30-45-30-45) IF: GTS in 1 1/2 minutes. Gauge 2,193 mcf / 5 min. Gauge 3,427 mcf / 10 min. Gauge 3,661 mcf / 20 min. & 30 min. FF: Gauge 3,271 mcf / 10 min. Gauge 3,505 mcf / 20 min. Gauge 4,000 mcf / 30 min. (20 minutes into final flow had heavy mist of mud to surface, turning to oil.) Rec: 100' clean gassy oil, 41 gravity. FP: 659 - 712 / 655 - 812. SIP: 1616 - 1612. BHT 111 degrees.

DST #4. 4802' to 4850'. (30-45-30-60) IF: Strong blow off bottom of bucket in 5 1/2 min., FF: Strong blow off bottom instantly. Did not have GTS. Rec: 2800' GIP, 25' Drlg mud FP: 21-20 / 24-23. SIP: 1062 - 1052. BHT 113 degrees.

DST #5. 4906' to 4929'. (30-45-30-45) IF: Strong blow off bottom of bucket in 3 min., had GTS in 29 minutes. FF: Gauge 31 mcf / 10 min. Gauge 32 mcf / 20 min. & 30 min. Rec: 45' Drlg mud. FP: 20-23 / 23-29. SIP 1243 - 1233. BHT 121 degrees.

DST #6. 4905' to 4937'. (30-45-30-45) IF: Strong blow off bottom of bucket in 20 seconds, had GTS in 25 minutes. FF: Gauge 31 mcf and stabilized. Rec: 75' Gas cut mud, 60' Gas cut watery mud. FP: 30-52 / 40-78. SIP 1227 - 1206. BHT 117 degrees.

DST #7. 4950' to 4963'. (30-45-60-90) IF: Strong blow off bottom of bucket in 1 1/2 min., FF: Strong blow off bottom in 3 min., Rec: 620' GIP, 30' Oil cut muddy water. (6% oil, 80% water), 1980' Salt water w/ oil spots. FP: 111-454 / 459-923. SIP: 1496 - 1500. BHT 130 degrees. Chlorides = 104,000



**ORIGINAL  
COPY**

**SALES OFFICE:**  
105 S. Broadway  
Suite #420  
Wichita KS 67202  
(316) 262-3899  
(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		202068	2/26/02	4553	2/22/02
<p style="text-align: center;"><b>RECEIVED</b> JUN 11 2002 KCC WICHITA</p>		<b>Service Description</b>			
		Cement			
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Lease</b>	<b>Well</b>	
	Kent Roberts	D. Scott	Dargel	1	
			<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
			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	190	\$13.06	\$2,481.40
D203	60/40 POZ (COMMON)	SK	258	\$7.75	\$1,999.50
C196	FLA-322	LB	90	\$7.25	\$652.50
C322	GILSONITE	LB	949	\$0.55	\$521.95
C223	SALT (Fine)	LBS	978	\$0.35	\$342.30
C243	DEFOAMER	LB	18	\$3.00	\$54.00
C313	GAS BLOCK POWDER	LB	135	\$5.00	\$675.00
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00
F101	CENTRALIZER, 5 1/2"	EA	10	\$71.00	\$710.00
F111	BASKET, 5 1/2"	EA	1	\$205.00	\$205.00
F151	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00
F181	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1	\$290.00	\$290.00
F252	ROTATING SCRATCHERS	EA	50	\$56.00	\$2,800.00
E107	CEMENT SERVICE CHARGE	SK	215	\$1.50	\$322.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.00	\$105.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	352	\$1.25	\$440.00
R210	CASING CEMENT PUMPER, 4501-5000'	EA	1	\$1,740.00	\$1,740.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00

**PAID**

<b>Sub Total:</b>	\$14,339.15
<b>Discount:</b>	\$5,816.85
<b>Discount Sub Total:</b>	\$8,522.30
<b>Tax Rate: 5.90%</b>	<b>Taxes:</b> \$0.00
<b>(T) Taxable Item</b>	<b>Total:</b> <span style="border: 1px solid black; padding: 2px;">\$8,522.30</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 2-22-02  
Customer ID

Subject to Correction  
Lease Dargel  
County Kiowa  
Well # 1  
State KS  
Legal 9-29-18  
Station Pratt, KS  
Depth  
Formation TP = 5036 13,500  
Shoe Joint 12. -  
Casing 3 1/2  
Casing Depth 5028  
TD 3040  
Job Type Long String New Well  
Customer Representative Kent Roberts  
Treater D. Scott

FIELD ORDER 4553

CHARGE

Robert's Resources

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	190 ski	AA-2 Common	✓			
D203	25 ski	60/40 por Common	✓			
C196	90 lbs	FLA-3 22	✓			
C322	949 lbs	Gilsonite	✓			
C223	978 lbs	Salt fine	✓			
C243	18 lbs	DeFoamer	✓			
C313	135 lbs	Gas Blok	✓			
C302	500 gals	mud flush	✓			
F101	10 ca	Turbolizers 3 1/2 in	✓			
F111	1 ca	amt basket "	✓			
F151	1 ca	h.D. Plug Baffle "	✓			
F181	1 ca	Float shoe "	✓			
F252	50 ca	Rotating Scratchers 250ft	✓			
E107	213 ski	amt serv chrg				
E100	1 ca	UNITS 1 way MILES 35				
E104	352 tm	TONS 1 way MILES 35				
R210	1 ca	EA. 4501-5000 PUMP CHARGE				
R701	1 ca	amt Head Rental				
R702	1 ca	Asg Swivel				
		Discounted Price =		8522.30		

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**ORIGINAL**  
**TREATMENT REPORT** 04112

Customer ID		Date	
Customer Roberts Resources		2-22-02	
Lease Dargel		Lease No.	Well # 1
Field Order # 4553	Station Pratt KS	Casing 5 1/2	Depth 3036
Type Job Long String New Well		County Kiowa	State KS
		Formation	Legal Description 9-29-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 190ski AA-2	RATE	PRESS 2000	ISIP	
Depth 5324	Depth PBD	From	To	Pre Pad 36 FLA-322	Max		5 Min.	
Volume 119.5	Volume	From	To	Pad 15 Gas Blok	Min		10 Min.	
Max Press 2500	Max Press	From	To	Frac 1.41 A3 15.0ppg	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	47.7 Bbls SL	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush 500 gals mud flush	Gas Volume		Total Load	

Customer Representative Kent Roberts	Station Manager Dave Autry	Treater D. Scott
Service Units 106 35 57 30 71		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0930					On loc w/Trks Safety mtg
					RECEIVED
					Perf 1-3-6-7-8-11-15-19-20-23
					Basket 4th Jt 250ft Scratchers
					Csg on Bottom Drop Ball+Circ w/Rig
					Rig up Trks
1446	300		5	6	H2O spacer
1450	300		12	6	St mud flush
1451	300		5	6	H2O spacer
1457	400		3	6	Mix scavenger lmt 2 12.0ppg 10ski
1502	300		47	6	MIX lmt 190ski 2 15.0ppg
1513			10	5	Close In + wash pump+line
1517	100			7	Release Plug + St Disp w/H2O
1528	400		102	6.5	Lifting lmt
1534	1750		119.5	0	Plug Down + psi Test Csg
1536	0				Release psi Held
					Plug R.H. w/15 ski lmt 60/40poz
					Rotated Csg During Job
					Good Circ
					Job Complete Thankyou
					Scotty



ORIGINAL

**SALES OFFICE:**  
 105 S. Broadway  
 Suite #420  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 36  
 P.O. Box 96  
 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			202032	2/19/02	4396	2/9/02
<b>Service Description</b>						
Cement						
<b>Lease</b>				<b>Well</b>		
Dargel				1		
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	Galon Roach	K. Gordley	New Well		Net 30	

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 KCC WICHITA

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D200	COMMON	SK	125	\$10.25	\$1,281.25
D201	A-CON BLEND (COMMON)	SK	125	\$13.00	\$1,625.00
C310	CALCIUM CHLORIDE	LBS	708	\$0.75	\$531.00
C195	CELLFLAKE	LB	59	\$1.85	\$109.15
C321	CEMENT GEL	LB	236	\$0.25	\$59.00
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00
F103	CENTRALIZER, 8 5/8"	EA	1	\$90.00	\$90.00
F263	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00
E107	CEMENT SERVICE CHARGE	SK	250	\$1.50	\$375.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	35	\$3.00	\$105.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	413	\$1.25	\$516.25
R201	CASING CEMENT PUMPER, 301-500'	EA	1	\$670.00	\$670.00

PAID

Sub Total: \$5,518.65

Discount: \$1,765.97

Discount Sub Total: \$3,752.68

Tax Rate: 5.90% Taxes: \$0.00

(T) Taxable Item Total: \$3,752.68

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.





## TREATMENT REPORT



Customer ID		Date	
Customer <i>ROBERTS RES.</i>		<i>2-9-02</i>	
Lease <i>DARGEL</i>		Lease No.	Well # <i>1</i>
Field Order # <i>0396</i>	Station <i>PRATT, KS.</i>	Casing <i>8 5/8</i>	Depth <i>473'</i>
Type Job <i>SURFACE - NEW WELL</i>	Formation <i>TD-475'</i>	County <i>KEOWNA</i>	State <i>KS</i>
		Legal Description <i>9-29-18</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>8 5/8</i>				<i>125 SL A-CON</i>				5 Min.
Depth <i>473'</i>	Depth	From	To	<i>390 C.C., 1/4" C.F.</i>	Max			
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	<i>125 SL COMMON</i>	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	<i>28 C.C., 3/16 C.C.</i>	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	<i>14 7/16 C.F.</i>	Gas Volume			Total Load

Customer Representative	Station Manager <i>D. HARRIS</i>	Treater <i>K. GORDON</i>
-------------------------	----------------------------------	--------------------------

Service Units	<i>107</i>	<i>26</i>	<i>31</i>	<i>71</i>
---------------	------------	-----------	-----------	-----------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0630</i>					<i>ON LOCATION</i>
					<i>RECEIVED</i>
					<i>1 JUN 11 2002</i>
					<i>KCC WICHITA</i>
					<i>TRIP DOWN, BRING CORE.</i>
<i>0830</i>	<i>200</i>		<i>0</i>	<i>6</i>	<i>START MIX CEMENT</i>
	<i>200</i>		<i>55</i>	<i>4</i>	<i>125 SL A-CON 3/16 C.C. 1/4" C.F.</i>
	<i>200</i>		<i>30</i>	<i>4</i>	<i>125 SL COMMON 3/16 C.C. 2/16 C.C. 1/4" C.F.</i>
	<i>200</i>		<i>85</i>	<i>4</i>	<i>FOR 55H MIX CEMENT</i>
					<i>SHUT DOWN - REVERSE PUMP</i>
	<i>0</i>		<i>0</i>	<i>6</i>	<i>START DISP</i>
<i>0900</i>	<i>300</i>		<i>27 1/2</i>	<i>2</i>	<i>PLUG DOWN</i>
					<i>CORE 30 SL CEMENT TO 15'</i>
<i>0930</i>					<i>JOB COMPLETE ✓</i>
					<i>THANKS KEVIN</i>