

STATE CORPORATION COMMISSION OF KANSAS
 OIL & GAS CONSERVATION DIVISION
 WELL COMPLETION FORM
 ACO-1 WELL HISTORY
 DESCRIPTION OF WELL AND LEASE

Operator: License # 30161

Name: r.c. Taylor Companies, Inc

Address 501 W. T-44, Suite 590

City/State/Zip Okla. City, OK 73118

Purchaser: N/A

Operator Contact Person: Mike Taylor

Phone (405) 840-2700

Contractor: Name: N/A

License: _____

Wellsite Geologist: N/A

Designate Type of Completion
 _____ New Well Re-Entry _____ Workover

_____ Oil S/D _____ S/OW _____ Temp. Abd.
 _____ Gas _____ ENHR _____ SIGM
 _____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: Parlay Oil, Inc.

Well Name: Kansas City Life #1

Comp. Date 11/15/67 Old Total Depth 6,500

_____ Deepening _____ Re-perf. _____ Conv. to Inj/S/D
 Plug Back 2,950 PBDT
 _____ Commingled _____ Docket No. _____
 _____ Dual Completion _____ Docket No. _____
 _____ Other (S/D or Inj?) _____ Docket No. _____

4-6-98 Spud Date 5-5-98 Completion Date
KCC by V.C. Date Reached TD KCC by V.C.

API NO. 15- (original 15-175-20,011) -0001

County Seward County

NE-NE Sec. 3 Twp. 35S Rge. 31 X ^E _W

660 Feet from S/N (circle one) Line of Section

660 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 SE, NW or SW (circle one)

Lease Name Kansas City Life Well # 1

Field Name N/A

Producing Formation _____

Elevation: Ground _____ KB 2,693

Total Depth 6,500' PBDT 2,950'

Amount of Surface Pipe Set and Cemented at 1,439 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 Re-entry, 6-22-98 U.C.
 (Data must be collected from the Reserve Pit)

N/A

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 Rng. _____ E/W

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 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 William Michael Taylor
 Title SEC/TREAS. Date 5/19/98
 Subscribed and sworn to before me this 19 day of May, 1998.
 Notary Public Michelle Walther
 Date Commission Expires June 8, 2001 Michelle Walther

5-21-98

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	<input checked="" type="checkbox"/>
C	Geologist Report Received	
Distribution		
<input checked="" type="checkbox"/> KCC	<input checked="" type="checkbox"/> S/D/Rep	_____ NGPA
_____ KGS	_____ Plug	_____ Other (Specify)

ORIGINAL

Operator Name r.c. Taylor Companies, Inc.

Lease Name Kansas City Life Well # 1

Sec. 3 Twp. 35S Rge. 31

East
 West

County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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:
Cement Bond Log

Log Formation (Top), Depth and Datums Sample

Name Top Datum
Chase 2,656 (-43')

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	# Sacks Used	Type and Percent Additives
Conductor	?	20"		20'	Class H	5	
Surface	12 1/4"	8 5/8"	24#	1439'	Class H	750	
Production	7-7/8"	5 1/2"	15.5#	6059'	Class H	175	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	4500±	Class "H"	250	2% cc
<input checked="" type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	2500±	Class "H"	100	10% salt, 10% EA-2, 6/10 Halad 322

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	
	CIBP set	@ 5775' and @ 2,950'		
Retainer set	@ 5175' squeeze w/50 sx of		Class "H"	
4 SPF	2,836'-48', 2,780'-98', 2,720'-28'		Acidize w/3000 gal. 15% FF Acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8 plastic lined	2703'	2703'		
Date of First, Resumed Production, SMD or Inj. Waiting on approval to dispose			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> vacuum disposal <input checked="" type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil N/a Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas: METHOD OF COMPLETION

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Comingled
 Other (Specify)

Disposal Production Interval 2720 - 2848'

N/A

MAY.12.1998

3:18PM

HALLIBURTON ENERGY LIBERAL

NO.960

P.8



Halliburton Energy Services

ORIGINAL

DATE:05-04-1998

TIME:05:11:49

SERVICE TICKET: 234035

HUGOTON-25535

BULK TICKET ONLY: 80117S

JOB PURPOSE:SQUEEZE COMPANY TRUCK::6610 DRIVER: R.FERGUSON

CUSTOMER: R.C.Taylor

LEASE & WELL#:Kansas City Life #1

504-043 PREMIUM CEMENT 50 SKS. 15.34 767.00

500-207 SERVICE CHARGES 50 CU FT 1.66 83.00
TOTAL 850.00

500-306 WEIGHT: 4700 MILES: 44 TON MILES: 103.40 1.25 129.25
TOTAL BOOK PRICE OF BULK TICKET: \$ 979.25

15%

500-225 RETURN SERVICE CHARGES _____ 20% COST OF RET. MATERIALS
1.66

500-306 WEIGHT: _____ RETURN MILES: 44 TON MILES: _____ 1.25

JOB SUMMARY 4232-1

REGION North America		NW/COUNTRY Mid Continent		TICKET # 234035		TICKET DATE 5-4-98	
MBU ID / EMP # 170101 63601		EMPLOYEE NAME D. McKane		BDA / STATE KS		COUNTY Seward	
LOCATION Liberal		COMPANY R.C. Taylor		PSL DEPARTMENT Zonal Isolation		CUSTOMER REP / PHONE Harold Frank	
TICKET AMOUNT		WELL TYPE 01		API / UWI #			
WELL LOCATION Land		DEPARTMENT Zonal Isolation		JOB PURPOSE CODE 060			
LEASE / WELL # Kansas City 15		SEC / TWP / RNG					

HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS
B. Lamison J1833			
R. Ferguson J5602			
C. Humphries H9692			
B. Malahre H2308			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
32242	36						
52947-25058	36						
52823-6610	88						
52827-75237	88						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS

Treat Fluid _____	Density _____	Lb/Gal _____
Disp. Fluid _____	Density _____	Lb/Gal _____
Prop. Type _____	Size _____	Lb. _____
Prop. Type _____	Size _____	Lb. _____
Acid Type _____	Gal. _____	% _____
Acid Type _____	Gal. _____	% _____
Surfactant _____	Gal. _____	In _____
NE Agent _____	Gal. _____	In _____
Fluid Loss _____	Gal/Lb _____	In _____
Gelling Agent _____	Gal/Lb _____	In _____
Fric. Red. _____	Gal/Lb _____	In _____
Breaker _____	Gal/Lb _____	In _____
Blocking Agent _____	Gal/Lb _____	
Perpac Balls _____	Qty. _____	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
5-4-98	0400	0515	0819	1930

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	u	19	5 1/2	4450	62	
Liner						
Liner						
Tbg/D.P.	u	6.5	2 7/8	2895	62	
Tbg/D.P.						

Open Hole _____ SHOTS/FT. _____
 Perforations _____
 Perforations _____
 Perforations _____

ORIGINAL

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				See Job Log
TOTAL		TOTAL		

ORDERED _____ HYDRAULIC HORSEPOWER
 Avail. _____ Used _____
 TREATED _____ AVERAGE RATES IN BPM
 Disp. _____ Overall _____
 FEET 192.6 CEMENT LEFT IN PIPE
 Reason 10 Pressure Test

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	50	Premium	B	Dent	1.18	15.6
	100	Premium	B	Niack	1.18	15.6
	100	Premium	B	2% CC	1.06	16.4

Circulating _____	Displacement _____	Preflush: _____	Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: _____	Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment _____	Gal - BBI _____	Disp: BBI - Gal 34.7
Shut in: Instant _____	5 Min _____ 15 Min _____	Cement Slurr _____	Gal - BBI 10.5 - 21 - 18.8	
		Total Volume _____	Gal - BBI _____	



HALLIBURTON

JOB LOG 4239-5

TICKET #	239055	TICKET DATE	5-4-98
REGION	North America	BDA / STATE	KS
WELL ID / EMP #	63601	EMPLOYEE NAME	D. Mc Lane
LOCATION	Liberal	COMPANY	R.C. Taylor
TICKET AMOUNT		WELL TYPE	21
WELL LOCATION	band	DEPARTMENT	Well Isolation
LEASE / WELL #	Kansas 1.5	SEC / TWP / RNG	
PSL DEPARTMENT	Well Isolation	CUSTOMER REP / PHONE	Herald Scaud
API / UWI #		JOB PURPOSE CODE	060

HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS
B. Tulasua J1832			
D. Somers T567			
G. Humphries H9682			
B. McIntyre H2308			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tot	Csg	
	0800							Job Ready
	0800							Called for work
	0815							on location set up pump truck
								wait on Rig crew
								Job Procedure
	0819	2	7.5	✓		0/500		Load Hole
	0822	1.5	5	✓		400/250		Take Injection Rate
	0825							Shut Down
	0826	1.5	10.5	✓		0/500		Start Cement @ 15.6 gal
	0844							then mixing cement
	0852	1.5	54.7	✓		500		Displacement
	0920	1.5		✓		100/200		Increase Rate with 20 bbls out
	0934	1.5		✓		600/200		slow down rate
	0945		50			100/0		shut down so cone
	0956	1.5	1.5			0/150		Displace
	0957					0		shut down
	1017	1.5	.25			0/100		Displace
	1018					0		shut down
	1030	1.5	10			0/200		Displace
	1030							Call for pure cement
	1056							Pump cement away
								Tr @ 1300
	1320	1.5	5	✓		0/420		Take Injection Rate
	1323	1.5	21	✓		400/250		Start Cement @ 15.6 gal
	1333							then mixing cement
	1335	1.5	54.7	✓		100/100		Start Displacement
	1404	1.5	40	✓		600/200		slow rate down
	1415							shut down 48 bbls out
	1430	1.5	3	✓		100/200		Start Displacement
	1444							shut down
	1550	1.5	55	✓		0/150		Start Displacement
	1601							shut down
	1659							Pump cement away & wait on C.C. & Water
	1725							shut down
	1820	1.5	5	✓		0/500		Take Injection Rate
	1824	1.5	18.8	✓		500/100		Start Cement @ 16.4 gal
	1832							then mixing cement
	1835							shut down & high pumps & lines
	1838	1.5	54.7	✓		0/100		Start Displacement
	1845		25	✓		100/200		Caught Pressure
	1908	1.5		✓		500/100		slow down rate
	1914					0		shut down
	1930		50	✓		100		Displace so 50 bbls out and shut in
								Leak 4.7 bbls in C.C.

ORIGINAL

JOB SUMMARY

ORDER NO. 70006

REGION North America	NWA/COUNTRY MidCont.	TICKET # 382857	TICKET DATE 5-5-98
MBU ID / EMP # L:0110 H3115	EMPLOYEE NAME Nick Korba	BDA / STATE Ks	COUNTY Seward
LOCATION Liberal	COMPANY R.C. Taylor	PSL DEPARTMENT Z1	CUSTOMER REP / PHONE Harold Frauli
TICKET AMOUNT \$5620.42	WELL TYPE 02	API / UWI #	JOB PURPOSE CODE 060
WELL LOCATION Liberal	DEPARTMENT Cementing		
LEASE / WELL # Ks City Life #1	SEC / TWP / RNG		

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
Ni Korba H3115							
R. Edwards 04360							
B. Humphries 36170							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
38242	30						
52947/75058	30						
50737/75017	88						

ORIGINAL

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	5-5-98	5-5-98	5-5-98	5-5-98
TIME	0400	0700	1400	1600

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	U	17	9 1/2	0	2900'	
Liner						
Liner						
Tbg/D.P.	U		2 1/8	0	2885'	
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
5-5-98	9 1/2 hrs	5-5-98	1 1/2 hrs	060
TOTAL	9 1/2 hrs	TOTAL	1 1/2 hrs	

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET	CEMENT LEFT IN PIPE	Reason
120		left increasing to drill

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	100	Heen (H)	B	10% EA-2, 10% Salt, 5% Haled 322	1.37	15.5

Circulating	Displacement	Preflush:	Gal - BBI	Type
Breakdown	Maximum	Load & Bkdn:	Gal - BBI	Pad: BBI - Gal
Average	Frac Gradient	Treatment	Gal - BBI	Disp: BBI - Gal 58
Shut in: Instant	5 Min	Cement Slurr	Gal - BBI	
	15 Min	Total Volume	Gal - BBI	

JOB LOG

ORDER NO. 70006

TICKET #	382857	TICKET DATE	5-5-98
BDA / STATE	KS	COUNTY	Seward
PSL DEPARTMENT	2I	CUSTOMER REP / PHONE	Harold Frouli
API / UWI #		JOB PURPOSE CODE	060

REGION	North America	NW/COUNTRY	MidCont.
MBU ID / EMP #	L10110 H3115	EMPLOYEE NAME	Nick Kurbas
LOCATION	Liberal	COMPANY	R.G. Taylor
TICKET AMOUNT	\$5620.42	WELL TYPE	02
WELL LOCATION	Liberal	DEPARTMENT	Generating
LEASE / WELL #	KS City Life #1	SEC / TWP / RNG	

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
N. Kurbas H3115			
R. Elwood D4360			
B. Humphries J6170			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psl)		JOB DESCRIPTION / REMARKS
				T	C	Ttp	Csg	
	0400							called out
	0700							on loc held safety on tag
	0723					700		Pres tag
	0740							TOOH w/ pkr
	0830							Ran Broad log & gamma - Norton log
	1230							set CIDP
	1300							TTH w/ pkr
	1400							ready to set pkr
	1403					750		Test plug 2885'
	1410	3				100		pump in ann
	1417					700		Tbo 2704'
	1424					700		Tbo 2560'
	1429	3				100		TTH pump in 2497'
	1433					500		Csg
	1441	2				120		TTH pump in 2528'
	1443	1.5				500		Csg pump in of TOOH w/ pkr
	1551					100		load csg
	1556	2.5	0			300		start cont 100sk EA-2 15.5 tag
	1602	6	24.5					wash pump & line
	1605	6	0			300		start disp
	1616		58			400		end disp
						100		shut in

ORIGINAL

hook up Trk
wash up Trk
Job complete
Thank you
Nick, Robert, Buck



HALLIBURTON ENERGY SERVICES

CHARGE TO: R.C. Taylor
 ADDRESS: 501 NW Expressway Ste. 590
 CITY, STATE, ZIP CODE: Oklahoma City, Ok. 73118

ORIGINAL - DUNCAN COPY

TICKET

No. 382857

PAGE 1 OF 1

1608-Q

SERVICE LOCATIONS 1. Liberal	WELL/PROJECT NO. #1	LEASE Ks City Life #1	COUNTY/PARISH Seward	STATE Ks	CITY/OFFSHORE LOCATION	DATE 5-5-98	OWNER Sonic
2:	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO wellsite	ORDER NO.
3:	WELL TYPE	WELL CATEGORY 02	JOB PURPOSE 060	WELL PERMIT NO.	WELL LOCATION		
4:	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT	
			LOS	RACCT	DF			UM	PRICE			
	000-117		1		15	MILEAGE pumpTak	30	mi	1	unit	3.65	11
	000-119		1		15	crew mileage	30	mi	1	unit	2.85	6
	009-134	009-019	1		15	pump charge	2885	ft	1	unit	1929.00	192
	045-050		1		75	compupac			1	unit	760.00	76

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

Hand
 DATE SIGNED: 5-5-98 TIME SIGNED: A.M. P.M.
 do do not require IPC (Instrument Protection). Not Offered

TYPE LOCK	SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN			PAGE TOTAL	2863
BEAN SIZE	TYPE OF EQUALIZING SUB.	CASING PRESSURE		FROM CONTINUATION PAGE(S)	2757
DEPTH	TUBING SIZE	TUBING PRESSURE	WELL DEPTH		5620
SPACERS	TREE CONNECTION	TYPE VALVE		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	4321

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>H. Frank</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Hand</u>	HALLIBURTON OPERATOR/ENGINEER <u>Nick Korbe</u>	EMP # <u>113115</u>	HALLIBURTON APPROVAL <u>Orville McDaniel</u>
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NO. 960 P. 11

HALLIBURTON ENERGY LIBERAL

MAY. 12. 1998 3:20PM



Halliburton Energy Services

ORIGINAL

DATE: 05-05-1998 TIME: 12:48:11 SERVICE TICKET: 382857

HUGOTON-25535 BULK TICKET ONLY: 801181

JOB PURPOSE: SQUEEZE COMPANY TRUCK: 75817 DRIVER: B. HUMPHRIES

CUSTOMER: R.C. Taylor

LEASE & WELL#: Kansas City Life #1

504-043	PREMIUM CEMENT	100	SKS.	15.34	1534.00
507-775	HALAD-322	47	LBS.	7.70	361.90
509-968	W/W SALT	450	LBS.	0.18	81.00
508-127	CAL SEAL	10	SKS.	28.00	280.00
500-207	SERVICE CHARGES	121	CU FT	1.66	200.86
					TOTAL 2457.76
500-306	WEIGHT: 10897	MILES: 44	TON MILES: 239.73	1.25	299.66
					TOTAL BOOK PRICE OF BULK TICKET: \$ 2757.42

500-225 RETURN SERVICE CHARGES _____ 20% COST OF RET. MATERIALS
1.66

500-306 WEIGHT: _____ RETURN MILES: 44 TON MILES: _____ 1.25 _____



Halliburton Energy Services

ORIGINAL

DATE:04-06-1998

TIME:07:23:54

SERVICE TICKET: 382711

HUGOTON-25535

BULK TICKET ONLY: 801087

JOB PURPOSE:SQUEEZE COMPANY TRUCK:: DRIVER: E.Chance

CUSTOMER: R.C.Taylor

LEASE & WELL#:Kansas City Life

504-043	PREMIUM CEMENT	100	SKS.	15.34	1534.00 767.00
500-207	SERVICE CHARGES	100	CU FT	1.66	166.00
				TOTAL	1700.00
500-306	WEIGHT: 9400	MILES: 45	TON MILES: 211.50	1.25	264.38
			TOTAL BOOK PRICE OF BULK TICKET:		\$ 1964.38
					<u>1157.38</u>
500-225	RETURN SERVICE CHARGES		20% COST OF RET. MATERIALS		
			1.66		<u>153.40</u>
500-306	WEIGHT: <u>4700</u>	RETURN MILES: 45	TON MILES: <u>10575</u>	1.25	<u>132.19</u>

1482.97

1570



HALLIBURTON ENERGY SERVICES

CHARGE TO: *RC Taylor Co Petroleum Mgmt*
 ADDRESS: *P.O. Box 976*
 CITY, STATE, ZIP CODE: *Liberal, KS*

TICKET No. 382711 -

PAGE 1 OF 1

1508-D

SERVICE LOCATION/S: *12840 Liberal, KS*
32535 Hargrave, KS

WELL/PROJECT NO.: *1#* LEASE: *Kansas City Life* COUNTY/PARISH: *Sevier* STATE: *Ks* CITY/OFFSHORE LOCATION: DATE: *4-6-98* OWNER: *RC Taylor*

TICKET TYPE: SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR: RIG NAME NO. SHIPPED VIA: DELIVERED TO: ORDER NO. *Loc*

WELL TYPE: WELL CATEGORY: *01 02* JOB PURPOSE: *075 Squeeze* WELL PDMY NO.: WELL LOCATION: *E. OF Liberal, KS*

REFERRAL LOCATION: INVOICE INSTRUCTIONS:

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
			LOC	ACCT	DF		U/M	U/M		
	<i>000-117</i>		<i>1</i>		<i>15</i>	<i>MILEAGE</i>	<i>26</i>	<i>mils</i>	<i>3.65</i>	<i>94.90</i>
	<i>000-119</i>		<i>1</i>			<i>Keen Mileage</i>	<i>26</i>	<i>mils</i>	<i>2.15</i>	<i>55.90</i>
	<i>009-134</i>	<i>009-019</i>	<i>1</i>			<i>Pump charge</i>	<i>5175</i>	<i>FT</i>		<i>2648.00</i>
	<i>128-401</i>		<i>1</i>			<i>Steel Cords</i>	<i>1</i>	<i>unit</i>	<i>121.00</i>	<i>121.00</i>
	<i>117-000</i>		<i>1</i>			<i>Electric</i>	<i>1</i>	<i>EA</i>	<i>28.50</i>	<i>28.50</i>
	<i>119-14</i>		<i>1</i>			<i>Keen Mileage</i>	<i>26</i>	<i>mils</i>	<i>2.15</i>	<i>55.90</i>
	<i>511-265</i>		<i>1</i>			<i>Pump charge</i>	<i>0/500</i>	<i>unit</i>		<i>2044.00</i>

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

TYPE LOCK: SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

BEAN SIZE: TYPE OF EQUALIZING SUB. CASING PRESSURE

DEPTH: TUBING SIZE TUBING PRESSURE WELL DEPTH

SPACERS: TREE CONNECTION TYPE VALVE

DATE SIGNED: *4/6/98* TIME SIGNED: A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

PAGE TOTAL: *5048.21*

FROM CONTINUATION PAGE(S): *1482.97*

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON PRICE: *6531.17*

5551.40

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): *R. Frank* CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *R. Frank* HALLIBURTON OPERATOR/ENGINEER: *Liam* EMP #: *59179* HALLIBURTON APPROVAL: *Larry Smith 15%*

NO. 960 P.2 MAY. 12. 1998 3:13PM HALLIBURTON ENERGY LIBERAL

JOB SUMMARY

ORDER NO. 70009

TICKET # 382,711

4-6-98

Form with fields: REGION (North America), NW/COUNTRY, BDA / STATE (KS), EMPLOYEE NAME (Dennis Cook), COMPANY (Taylor), WELL TYPE (02), DEPARTMENT (Cement), JOB PURPOSE CODE (015 Squeeze), LEASE # (KANSAS CITY LIFE), etc.

Table with 4 columns: HES EMP NAME/EMP#/(EXPOSURE HOURS) (HRS). Rows include: D. Cook 59179, E. Cook 43456.

ORIGINAL

Table with 8 columns: HES UNIT NUMBERS, RT MILES. Rows include: 420041, 26; 53552 - 78202, 26.

Form with fields: Form Name, Type, Form Thickness, From, To, Packer Type (E2SV), Set At (5175), Bottom Hole Temp., Pressure, Misc. Data, Total Depth.

Table: TOOLS AND ACCESSORIES. Columns: TYPE AND SIZE, QTY, MAKE. Rows: Float Collar, Float Shoe, Guide Shoe, Centralizers, Bottom Plug, Top Plug, Head, Packer, Other.

Table: MATERIALS. Columns: Item, Density, Size, Gal., Lb., in. Rows: Treat Fluid, Disp. Fluid, Prop. Type, Acid Type, Surfactant, NE Agent, Fluid Loss, Gelling Agent, Fric. Red., Breaker, Blocking Agent, Perfpac Balls, Other.

Table: WELL DATA. Columns: DATE, CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Rows: 4-6 0500, 4-6 0830, 4-6 1145, 4-7 1205.

Table: WELL DATA (continued). Columns: NEW/USED, WEIGHT, SIZE, FROM, TO, MAX ALLOW. Rows: Casing (14", 9%), Liner, Tbg/D.P. (KB 5175), Open Hole Top Leak at 2457, Bottom Hole Leak at 41546, Perforations (4676, 5230, 5238).

Table: OPERATING HOURS. Columns: HOURS ON LOCATION (DATE, HOURS), OPERATING HOURS (DATE, HOURS), DESCRIPTION OF JOB (SQUEEZE).

Table: HYDRAULIC HORSEPOWER, AVERAGE RATES IN GRM, CEMENT LEFT IN PIPE. Values: 5.5, 7, 52SV, 7, 1000.

Table: CEMENT DATA. Columns: STAGE, SACKS, CEMENT, BULK/SKS, ADDITIVES, YIELD, LBS/GA. Row: 50, 172000, Yield 1.06, LBS/GA 16.4.

Table: Displacement, Preflush, Load & Bkdn, Treatment, Cement Slurr, Total Volume. Values: 5 Min, 15 Min, 9.4.

Frac Ring #1, #2, #3, #4. THE INFORMATION STATED HEREIN IS CORRECT. OPERATOR'S REPRESENTATIVE SIGNATURE: [Signature]

JOB LOG

ORDER NO. 70008

REGION North America	NW/COUNTRY	BOA / STATE K	COUNTY Seward
MBU ID / EMP # LJ0102 59179	EMPLOYEE NAME Dennis Carr	PSL/DEPARTMENT 5001	
LOCATION L-1	COMPANY R. C. Taylor	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION E-1	DEPARTMENT	JOB PURPOSE CODE 075 Squeeze	
LEASE / WELL # 1 Kansas City, LFE	SEC / TWP / RNG		

HES EMP NAME/EMP#/(EXPOSURE HOURS) [HRS]	HES EMP NAME/EMP#/(EXPOSURE HOURS) [HRS]	HES EMP NAME/EMP#/(EXPOSURE HOURS) [HRS]	HES EMP NAME/EMP#/(EXPOSURE HOURS) [HRS]

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tob	Csg	
	0900							Time Collected on Load. Complet in Houston
	0930							Blue on log. Very unhard this off test
	0930							Time Ready
	1145							Hookup Squeeze Main Field
	1200							Load RS
	1213	4	32			3	320	Cure Fluid
	1230	2	3.5			250		Set Injection down
	1235	2	4.0			280		Pump Down RS
	1300							Reassess Test This Then EASU 4
	1303					1000		Hold Press
	1305							Stop out of Retarder
	1306	2	3			160		Start Pump Down Test + Allogene Retarder
	1330							Start Injection
	1334	3						Start Down Hold w/ Limit
	1337		9.8					Start Down
	1338							Wash Up
	1341							Start Down
	1346	3	15					Check Limit Pressure
	1348	1	4			250/400		Press. Increase
	1349	2	6			150		Start Rate Down
	1353	1 1/2				250		" 2.5
	1356		3 1/2					Start Down 28 1/2
	1357							Stop out of Retarder
	1358							Block Loss From Test 20 STANDS
	1808		5					Load RS at 3155
	1808	1 1/2				300		Pressure
	1820	1/2	1 1/2			460		Pump Rate 3155
	1850	1/2				400/400		100% 400%
	1907					700		Pressure Hold at 4670
	1928	1 1/2	1 1/2			460		Pressure Hold 4500
	1930							Start Down 1800 gals on AT 0800 4-7-05
	1900							Hookup RS + Load Gas at 1577
	0900		10			500		Pressure - Hold
	0930		1 1/2			500		" AT 1825 LEAK AT 2457 - 2581 FY
	0950		3.3					Cure Fluid Hold
	1020					500		Pressure - Hold 2075
	1030					500		" 2328
	1043	1 1/2	3			260		Pump into
	1055					500		Pressure - Hold 2457
	1120							Block in Cure Fluid Flow
	1150							Block Loss From Test

ORIGINAL

[Handwritten signature]



HALLIBURTON®

HALLIBURTON ENERGY SERVICES

1808-Q

SERVICE LOCATIONS
1. 025540

WELL/PROJECT NO.
1

LEASE
Kansas City Life

COUNTY/PARISH
Sevier

STATE
KS

CITY/OFFSHORE LOCATION
Liberal

DATE
5-4-98

OWNER
Same

2. 025535

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR
Kerr Well Service

RIG NAME/NO.

SHIPPED VIA
CT

DELIVERED TO
Well site

ORDER NO.

3.

WELL TYPE
01

WELL CATEGORY
02

JOB PURPOSE
060

WELL PERMIT NO.

WELL LOCATION
Land

4. REFERRAL LOCATION

INVOICE INSTRUCTIONS

ORIGINAL - DUNCAN COPY

TICKET

No.

234035 - 7

PAGE 1 OF 3

CHARGE TO:
R.C. Taylor
ADDRESS
501 NW Expressway Suite 590
CITY, STATE, ZIP CODE
Oklahoma City OK 73118

NO. 960 P. 6

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY		UNIT PRICE	AMOUNT	
			LOC	W/CTG	DE		QTY	QTY			
	000-117				15	MILEAGE	36	MI	RT	3.65	131
	000-119				15	Crew mileage	36	MI	RT	2.15	77
	809-134				15	Pump Charge	9450	FT	6 HR	2363.00	2363
	045-050				25	Portable Data Acquisition	1	DB	1 EA	760.00	760
	002-027				15	Additional Hours	6	HR	6 EA	375.00	2250
	809-408				15	Calcium Chloride	2	SKS	2 EA	46.90	93

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X DATE SIGNED TIME SIGNED

A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

TYPE LOCK	SUB SURFACE SAFETY VALVE WAS:		PAGE TOTAL
BEAN SIZE	<input type="checkbox"/> PULLED & RETURN	<input type="checkbox"/> PULLED <input type="checkbox"/> RUN	5681
DEPTH	TYPE OF EQUALIZING SUB.	CASING PRESSURE	FROM CONTINUATION PAGE(S)
SPACERS	TUBING SIZE	TUBING PRESSURE	4896
	TREE CONNECTION	WELL DEPTH	10579
	TYPE VALVE		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
			8535

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)

HALLIBURTON OPERATOR/ENGINEER

EMP #

HALLIBURTON APPROVAL

X

O. McNamee

G3601

Orville Nicholas

MAY. 12. 1998 3:16PM

HALLIBURTON ENERGY LIBERAL



Halliburton Energy Services

ORIGINAL

DATE:05-04-1998 TIME:11:11:07 SERVICE TICKET: 234035

HUGOTON-25535 BULK TICKET ONLY: 801179

JOB PURPOSE:SQUEEZE COMPANY TRUCK::75237 DRIVER: G.HUMPHRIES

CUSTOMER: R.C. Taylor

LEASE & WELL#:Kansas City Life #1

504-043 PREMIUM CEMENT 200 SKS. 15.34 3068.00

500-207 SERVICE CHARGES 200 CU FT 1.66 332.00
TOTAL 3400.00

500-306 WEIGHT: 18800 MILES: 44 TON MILES: 413.60 1.25 517.00
TOTAL BOOK PRICE OF BULK TICKET: \$ 3917.00

15%

500-225 RETURN SERVICE CHARGES _____ 20% COST OF RET. MATERIALS
1.66 _____

500-306 WEIGHT: _____ RETURN MILES: 44 TON MILES: _____ 1.25 _____