

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

API NO. 15- 163-23255-01-00

ORIGINAL

County Rooks

W/2 E/2 NE Sec. 19 Twp. 7 Rge. 17W

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address P.O. Box 558

City/State/Zip Garden City, Ks. 67846

Purchaser: Coastal

Operator Contact Person: Ken Jehlik or Art Childers

Phone (316) 276-3693

Contractor: Name: Duke Drilling

License: 5929

Wellsite Geologist: Wes Hansen

Designate Type of Completion

New Well Re-Entry Workover

Oil SVD SIOV Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, VSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SVD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

10-27-94 11-8-94 12-1-94
Spud Date Date Reached TD Completion Date

1320 Feet from S/M (circle one) Line of Section

1650 Feet from E/W (circle one) Line of Section

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

Lease Name Liebenau Well # 12-H

Field Name Riffe

Producing Formation Arbuckle

Elevation: Ground 1738 KB 1750

3570 MD

Total Depth 3570 MD 3231 TVD PBTD 3231 TVD

Amount of Surface Pipe Set and Cemented at 1200 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 cnt

Drilling Fluid Management Plan ALT I 3-14-96
(Data must be collected from the Reserve Pit)

Chloride content 3500 ppm Fluid volume 4000 bbl

De-watering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name 1-19-95

RECEIVED
STATE CORPORATION COMMISSION License No. _____

JAN 19 1995 Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

CONSERVATION DIVISION
WICHITA, KANSAS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Ken Jehlik AC

Title Dist Mgr Date 1-12-95

Subscribed and sworn to before me this 12th day of January, 19 95.

Notary Public Judy Holmeier

Date Commission Expires August 18, 1996

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

Operator Name Helmerich & Payne, Inc. Lease Name Liebenau Well # 12 H

Sec. 19 Twp. 7S Rge. 17
 East
 West

County Rooks

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:
 DIL - SFL
 CNL - FDC

Name	Formation (Top), Depth and Datum	
	Top	Datum
Topeka	2676	-925
Heebner Shale	2886	-1157
Toronto	2908	-1157
Lansing	2928	-1177
Stark Shale	3114	-1363
Base KC	3158	-1407
Arbuckle	3223	-1472

CASING RECORD

New 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	17 1/2	13 1/2	48	146	60/40 poz mix	150	2% gel, 3%
Surface	12 1/4	8 5/8	24	1200	Halco Lite Standard	300	3% CAC12, 1/4" floe
Production	7 7/8	5 1/2	15.5	3127	EA-2	100	5% Calseal 5#/sq Gilsonite 0.75% Halad 322 18% salt

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
	Openhole 3339' to 3570 MD		
	3221' to 3231 TVD		

TUBING RECORD

Size 2 7/8" Set At 2701 Packer At N/A Liner Run Yes No 2 7/8" from 3028' to 3339' MD

Date of First, Resumed Production, SWD or Inj. 12-1-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>7</u>	<u>0</u>	<u>133</u>		

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: 3339-3570 MD
3221-3231 TVD

15-163-23255-01-06-00

ORIGINAL

Conductor



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
Helmerich + Payne
 ADDRESS:
P.O. Box 394
 CITY, STATE, ZIP CODE:
Plainville Ks 67663

TICKET
 No. **722591 - 1**

PAGE 1 OF 2

1. Haystack 25525	WELL/PROJECT NO. 12-H	LEASE LIEBENALL LAIBENAY	COUNTY/PARISH Rooks	STATE Ks	CITY/OFFSHORE LOCATION	DATE 10-27-94	OWNER same
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR Duke Drilling	RIG NAME/NO. Duke #4	SHIPPED VIA ct	DELIVERED TO Location	ORDER NO.
3.	<input type="checkbox"/> SALES	<input type="checkbox"/> NO	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 005	WELL PERMIT NO. 15163232550000	WELL LOCATION 19-7-17
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

RECEIVED
 STATE CORPORATION COMMISSION
 JAN 19 1995
 CONSERVATION DIVISION
 WITHIN 10 DAYS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
000-117		1			MILEAGE 51145 Ft.	Rt	40	mi.	1	unit	275	110.00
001-016		1			Pump Service		146	ft	500	1st	585.00	585.00
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. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS	SUB SURFACE SAFETY VALVE WAS <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					1466.69
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				2161.64
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO		<input checked="" type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

DATE SIGNED: **10-27-94**
 TIME SIGNED: **1800** A.M. P.M.
 do do not require IPC (Instrument Protection). Not offered

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) Rich Wheeler	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X Rich Wheeler	HALLIBURTON OPERATOR/ENGINEER A. F. Worth	EMP # 86101	HALLIBURTON APPROVAL [Signature]
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2576 P. 10/27/94



HALLIBURTON ENERGY SERVICES

TRK 51252-76103

15-163-23255-01-00

TICKET CONTINUATION

ORIGINAL

TICKET No. 722591

CUSTOMER Helmerich & Payne	WELL Liebenau #12-H	DATE 10-27-94	PAGE 2	OF 2
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FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-136		1		B	40/60 Pozmix Standard	150				6.57	985.50
506-121		1		B	3sk Halliburton Gel@2%						n/c
509-406		1		B	Calcium Chloride Blended	4				36.75	147.00
ORIGINAL											
500-207		1		B	SERVICE CHARGE	CUBIC FEET		158		1.35	213.30
509-306		1		B	MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	20	TON MILES	127.250	95.120.89

No. B 232682

CONTINUATION TOTAL

1,466.69



JOB SUMMARY

HALLIBURTON DIVISION MID CONT
 HALLIBURTON LOCATION Hays Ks

BILLED ON TICKET NO. 722591

WELL DATA

FIELD _____ SEC 19 TWP. 7 RING. 17 COUNTY Rooks STATE Ks

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 146'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<u>13 3/8</u>	<u>KB</u>	<u>145</u>	
LINER						
TUBING						
OPEN HOLE				<u>145</u>	<u>146</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE	<u>10-27-94</u>	DATE	<u>10-27-94</u>	DATE	<u>10-27-94</u>	DATE	<u>10-27-94</u>
TIME	<u>1730</u>	TIME	<u>1730</u>	TIME	<u>1800</u>	TIME	<u>2100</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>A. F. Worth</u>	<u>86101 P.4</u>	<u>Hays Ks</u>
<u>M. Karlin</u>	<u>6-1511</u>	<u>Hays Ks</u>
<u>R. Kuhn</u>	<u>51361</u>	<u>Hays Ks</u>
	<u>51145</u>	<u>Hays Ks</u>
	<u>76103</u>	<u>Hays Ks</u>
	<u>51252</u>	<u>Hays Ks</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT CMT
 DESCRIPTION OF JOB cmt 13 3/8 conductor
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X R. Wheeler
 HALLIBURTON OPERATOR A. F. Worth COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>40/60</u>	<u>Port</u>	<u>B</u>	<u>2% gal 3% cc RECEIVED</u>	<u>1.31</u>	<u>14.06</u>
STATE CORPORATION COMMISSION							
JAN 19 1995							

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 20' REASON Requested

SUMMARY

VOLUMES
 CONSERVATION DIVISION
 WICHITA, KANSAS

PRESLUSH: BBL.-GAL. _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 20
 CEMENT SLURRY: BBL.-GAL. 30
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

S.I.E. Job Log + chart
frank Alton, et al

CUSTOMER Helmrich & Payne
 LEASE Lee Barry
 WELL NO. W12-N
 JOB TYPE conductor 13 3/8
 DATE 10-27-94

JOB LOG HAL-2013-C

 CUSTOMER Helmrich + Payne WELL NO. # 12-H LEASE Liebenny JOB TYPE conductor 13 3/8 TICKET NO. 722591

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1530							called out
	1730							on loc w/ P.t. + cnt 150 sks 40/60 Poz 2% gal 3% cc set up + plan Job.
	1800							Rig cir @ 146' out of Hole w/ Drill pipe Rig up to Run conductor st 13 3/8 csg 48#
	1830							Pipe on Bot
	1910							cir w/ mud Hog. ✓ Hook up to cnt well
	1920							200# st mix 150 sks 40/60 Poz 2% gal 3% cc
	1930	5	5					FIN mix
	1940	6	20					200# Start Disp. 200# Fin Disp 200# shut in well
	2100							Job complete
								cir 34 sks to p.t. ✓

ORIGINAL

Thanks
Allied
W.A.I
Rich.

SERVICE CENTER



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75195-1046

INVOICE

15-163-23259-01-00

INVOICE NO: 722591
DATE: 10/27/1994

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
STEBENAU 12H		HOOKS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		DUKE DRILLING RIG #4	CEMENT CONDUCTOR CASING		10/27/1994
ACCT NO	CUSTOMER AGENT	VENDOR NO	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO
379060	RICH WHEELER			COMPANY TRUCK	79567

ORIGINAL

HELMERICH & PAYNE INC
P O BOX 394
PLAINVILLE, KS 67663

DIRECT CORRESPONDENCE TO:

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	40	MI	2.75	110.00
		1	UNT		
001-016	CEMENTING CASING	146	FT	585.00	585.00
		1	UNT		
504-136	CEMENT - 40/60 POEMIX STANDARD	150	SK	6.57	985.50
506-121	HALLIBURTON-GEL 2%	300	LB	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	36.75	147.00
500-207	BULK SERVICE CHARGE	158	CFT	1.35	213.30
500-306	MILEAGE CMTG MAT DEL OR RETURN	127.250	TMI	.95	120.89

INVOICE SUBTOTAL

2,161.69

DISCOUNT-(BID)

756.58-

INVOICE BID AMOUNT

1,405.11

*-KANSAS STATE SALES TAX

46.71

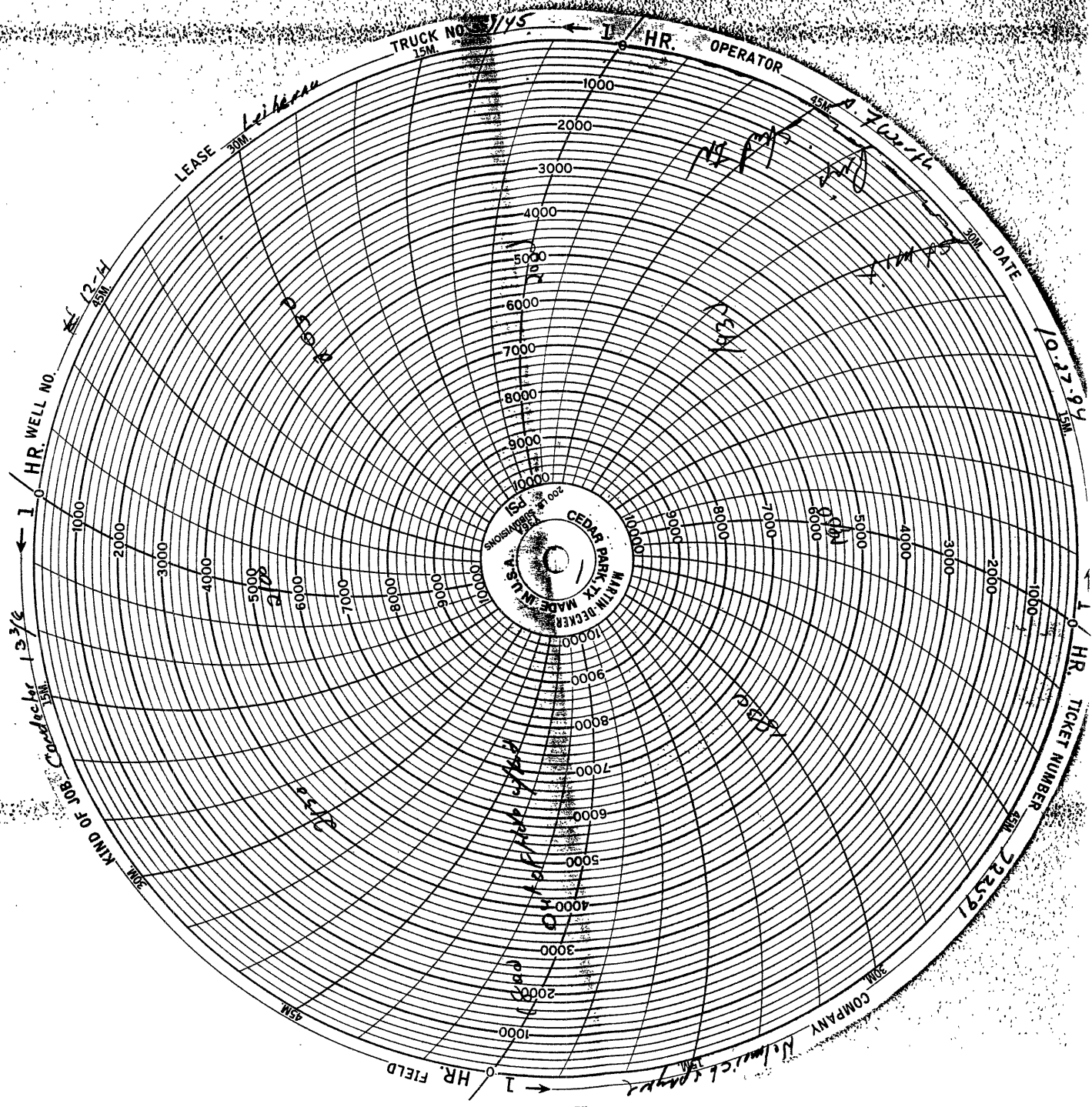
*-HAYS CITY SALES TAX

9.55

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$1,461.37

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



ORIGINAL

15-163-2325-01-00



HALLIBURTON

HALLIBURTON ENERGY SERVICES

CHARGE TO: Duke Dring, Co.
 ADDRESS: Po Box 823
 CITY, STATE, ZIP CODE: Great Bend, Ks. 67530

TICKET
 Surface
 No. 599492 - **3**

PAGE 1 OF 2

FORM 1906 R-13

1. SERVICE LOCATIONS <u>Hwy 5, Ks 25525</u>	WELL/PROJECT NO. <u>12-H</u>	LEASE <u>Liebenau</u>	COUNTY/PARISH <u>Rooks</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION <u>Stockton</u>	DATE <u>10-29-94</u>	OWNER <u>Helmreich Payne</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Duke Dring</u>	RIG NAME/NO. <u>#4</u>	SHIPPED VIA <u>CoTris</u>	DELIVERED TO <u>Loc. Edge Stockton</u>	ORDER NO.	
3. <input type="checkbox"/> SALES		WELL TYPE	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>010</u>	WELL PERMIT NO.	WELL LOCATION <u>9-75 17w</u>	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS <u>RUN 1200' 24" 8 1/2" casing of cmt w/ 300 SKS HLC #4 flocc 37' net + 150 SKS STD 3 1/2" cc</u>						

15-163-22255-01-00

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF.		QTY.	U/M	QTY.	U/M	
000-117		1			MILEAGE	40	mi	RT	2.75	110.00
001-016		1			Pump chg	1200	fr		1145.00	1145.00
030-018		1			5 w Plug	1	ea	8 1/2 in	130.00	130.00
40	807.93059	1			centralizers 5-4	3	ea	8 1/2 in	72.00	216.00
24A	815.19502	1			Insert float valve	1	ea	8 1/2 in	171.00	171.00
27	815.19413	1			fill up ASSY.	1	ea	1.25 in	55.00	55.00

ORIGINAL

RECEIVED
STATE CORPORATION
JAN 9 1995
CONSERVATION DIVISION
WT OFF ATY-15A

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. CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <u>X Arthur G. Chalker</u> DATE SIGNED <u>10-29-94</u> TIME SIGNED <u>0440</u> <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input checked="" type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN			SURVEY AGREE UN-DECIDED DIS-AGREE			PAGE TOTAL <u>1827 00</u> FROM CONTINUATION PAGE(S) <u>4988 27</u> SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>6815 27</u>
	TYPE LOCK	DEPTH		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
	BEAN SIZE	SPACERS		WE UNDERSTOOD AND MET YOUR NEEDS?			
	TYPE OF EQUALIZING SUB.	CASING PRESSURE		OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
			<input checked="" type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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
	<u>X Rich Wheeler</u>	<u>Ken Richman</u>	<u>59734</u>	<u>[Signature]</u>

2970 Cmt & BM & FE



HALLIBURTON

TRKS 3617-8206-----0818

TICKET CONTINUATION

ORIGINAL

TICKET No. 599492

HALLIBURTON ENERGY SERVICES

CUSTOMER Helmerich & Payne

WELL Liebenhxx

DATE 10-29-94

PAGE 2 OF 2

FORM 1911 R-10

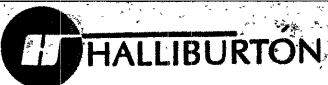
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-316		1		B	Halliburton Light Cement	300				7 37	2,211 00	
504-308		1		B	Standard Cement	150				7 82	1,173 00	
509-406		1		B	Calcium Chloride Blended	12				36 75	441 00	
507-210		1		B	Flocele Blended W/ HLC	75	lb			65	123 75	
					ORIGINAL							
500-207		1		B	SERVICE CHARGE	CUBIC FEET		479		1 35	646 65	
500-306		1		B	MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		95	392 87	
						41,355	20	413,550				

RECEIVED STATE CORPORATION COMMISSION
JAN 19 1995
CONSOLIDATION DIVISION
WICHITA, KANSAS

15-163-232685-01-00

No. B 232685

CONTINUATION TOTAL 4,988.27



JOB SUMMARY

HALLIBURTON DIVISION Mid cont
 HALLIBURTON LOCATION Hays, KS

BILLED ON TICKET NO. 599492

WELL DATA

FIELD 15163-23255-01-00 SEC. 9 TWP. 25 RING. 12W COUNTY Rock STATE KS

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 1200'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>27</u>	<u>8 1/2</u>	<u>KB</u>	<u>1200</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/2</u>	<u>1200</u>	<u>1201</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>valve & Sillup-8 1/2</u>	<u>1</u>	<u>Hercules</u>
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS <u>54</u>	<u>8 1/2</u>	<u>3</u>
BOTTOM PLUG		
TOP PLUG <u>SW</u>	<u>8 1/2</u>	<u>1</u>
HEAD		
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-29-94</u>	DATE <u>10-29-94</u>	DATE <u>10-29-94</u>	DATE <u>10-29-94</u>
TIME <u>0140</u>	TIME <u>0245</u>	TIME <u>0440</u>	TIME <u>0900</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. Richman #59734</u>	<u>40091</u>	<u>Hays, KS</u>
<u>R. Bexens # 57220</u>	<u>51374</u>	<u>"</u>
<u>R. Kuhn #</u>	<u>cm + Pump</u>	<u>"</u>
<u>A. Werth #86101</u>	<u>cm + Bulk</u>	<u>"</u>
	<u>3617 + 8206</u>	<u>"</u>
	<u>0818</u>	<u>"</u>
	<u>cm + BUK</u>	<u>"</u>

ORIGINAL

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB./GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT cm +
 DESCRIPTION OF JOB cm + 1200' 8 1/2" surf casing

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X + Wheeler

HALLIBURTON OPERATOR Ken Rechner COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>200</u>	<u>HLC</u>	<u>0</u>	<u>B</u>	<u>1/2 #516010/5K + 3% cc</u>	<u>1.84</u>	<u>12.7</u>
	<u>150</u>	<u>S+D</u>		<u>B</u>	<u>3% cc</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL. 77
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL. 93432
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 20' REASON Requested

REMARKS
Thank you
Ken

DISTRICT: _____
 LEASE: Lieberman
 WELL NO: _____
 JOB TYPE: Surface
 DATE: 10-29-94

JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Duke Drilling		15-H		Liebenau		Surface		599492	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
10-29	0140								Called out to cmt 1200' 8 1/2" 24# Surf casing w/ 300 SKS HLC 1/2" flange/stc 3%cc + 150 SKS STD 3%cc
	0345								On loc, pulling OP
	0440								St. casing 1200' 8 1/2" casing cent on collars #1-2+3, in sent float valve in 1st collar
	0715								Casing to TD Drop ball to knock out Auto fill tube & hook up to casing & rig pump, knock out tube & establish rate
	0842								0 ST MIX CMT 300 HLC + 150 STD. Recip. casing while cementing
	0820		135						150 Cmt mixed, Rel. plug & 5% DISPL
	0822								750 Ldg Plug @ 1179' CIR 50SKS & 1/2" REL PRESS FLOAT HOLD
	0850								Pump out collar & wash up to K
	0945								Job complete Shubert L

ORIGINAL

SERVICE CENTER



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

15-163-23295-01-00

INVOICE NO. 599492 DATE 10/29/1994

WELL LEASE NO./PROJECT LIEBENAU 12-H		WELL/PROJECT LOCATION ROOKS		STATE KS	OWNER HELMERICH & PAYNE
SERVICE LOCATION HAYS		CONTRACTOR DUKE DRILLING #4	JOB PURPOSE CEMENT SURFACE CASING		TICKET DATE 10/29/1994
ACCT. NO. 251850	CUSTOMER AGENT RICH WHEELER	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 79717

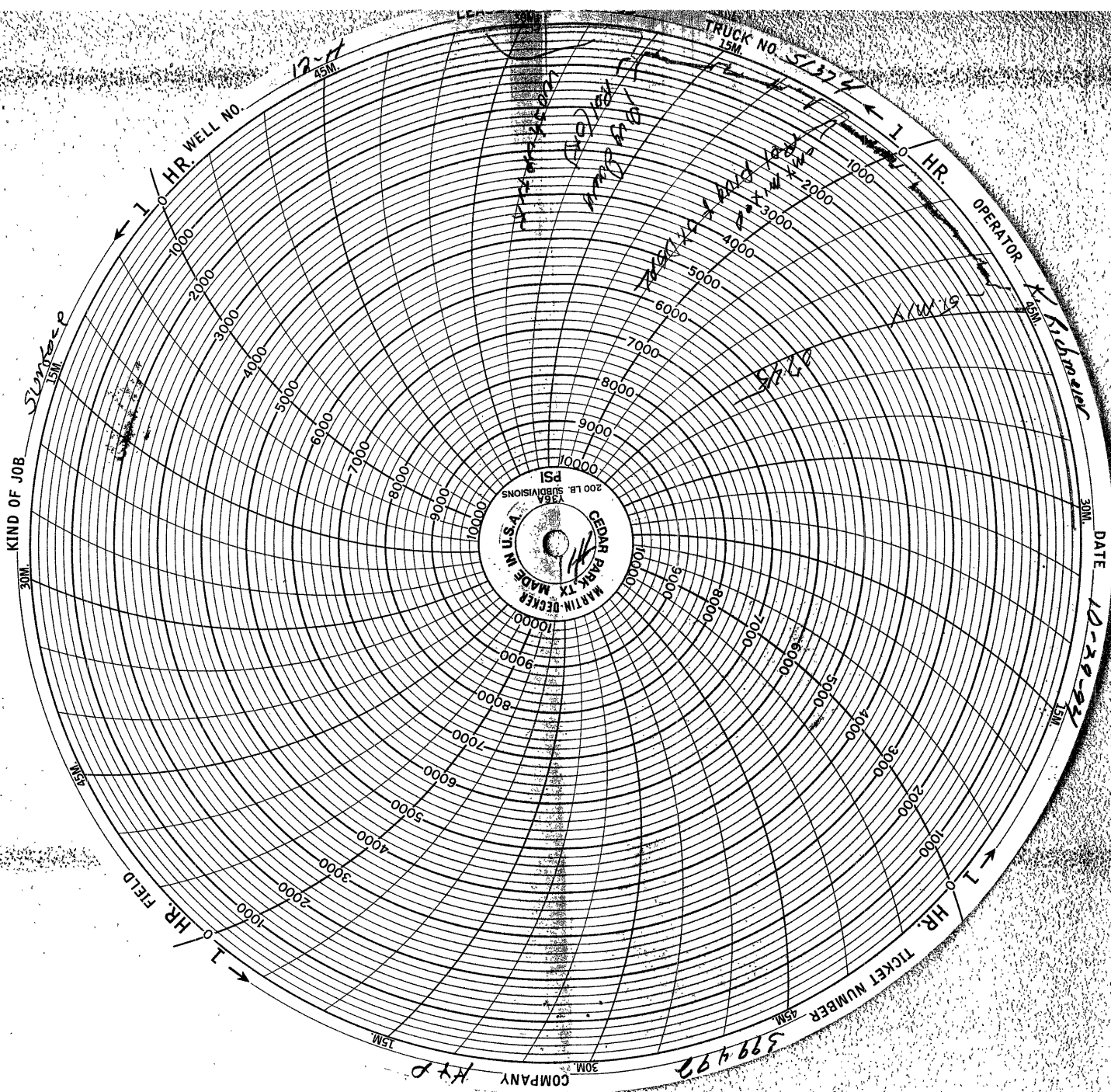
ORIGINAL

DUKE DRILLING COMPANY
BOX 823
GREAT BEND, KS 67550

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OR 73102-5601

REFERENCE NO	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	40	MI	2.75	110.00
		1	UNT		
001-016	CEMENTING CASING	1200	FT	1,145.00	1,145.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8	5/8 IN	130.00	130.00
		1	EA		
40	CENTRALIZER 6-5/8" X 12.25"	3	EA	72.00	216.00
807.93059					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	55.00	55.00
815.19413					
504-316	CEMENT - HALL. LIGHT STANDARD	300	SK	7.37	2,211.00
504-308	CEMENT - STANDARD	150	SK	7.82	1,173.00
509-406	ANHYDROUS CALCIUM CHLORIDE	12	SK	36.75	441.00
507-210	FLOCELE	75	LB	1.65	123.75
500-207	BULK SERVICE CHARGE	479	CPT	1.35	646.65
500-306	MILEAGE CMTG MAT DEL OR RETURN	413.55	TMI	.95	392.87
INVOICE SUBTOTAL					6,815.27
DISCOUNT-(BID)					1,976.41-
INVOICE BID AMOUNT					4,838.86
*-KANSAS STATE SALES TAX					193.44
*-HAYS CITY SALES TAX					39.47
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,071.77

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



ORIGINAL

15-163-23255-01-00

JOB LOG FORM 2013 R-3

CUSTOMER HELMERICH - DAWE	WELL NO. 12-H	LEASE LEESDAU	JOB TYPE LONGSTRING	TICKET NO. 722621
-------------------------------------	-------------------------	-------------------------	-------------------------------	-----------------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)		PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			(BBL)	(GAL)	T	C	TUBING	CASING	
	2200								CALLED OUT 11-1
	0115								ON LOWROW - CIRCULATING ON BOTTOM
	1040								BRAK CIRCULATION - MUD PUMP
	1122	6	20		✓		250		PUMP CLAYFIX II PERFLUSH
	1126	6	12		✓		250		PUMP MUD FLUSH
	1132	6	23.3		✓		250		MIX CEMENT
	1138								WASH OUT PUMP - LEAKS
	1139								RELEASE PLUG
	1142	6	0		✓		400		DISPLAC PLUG
	1154		72.6						PLUG DOWN - DAD NOT BUMP - 73.6 BY COURSE SHUT DOWN - PER CUSTOMER
	1155						275		RELEASE PSI
							OK		FLOAT HELD
									WASH-UP
									RACK-UP
	1300								JOB COMPLETE

ORIGINAL

RECEIVED
STATE CORPORATION COMMISSION

JAN 1 9 1995

CONSERVATION DIVISION
WICHITA, KANSAS

MARK YOU
WAYNE WASSON
DAVE ALH
JOHN BECKER



JOB
SUMMARY

HALLIBURTON DIVISION M.D. CO. 2325
HALLIBURTON LOCATION HAYS, KS

BILLED ON TICKET NO. 72421

WELL DATA

FIELD _____ SEC. 19 TWP. 7 RNG. 17 COUNTY ROCK STATE KS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO 0238

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>V</u>	<u>19.5</u>	<u>5 1/2</u>	<u>KA</u>	<u>3127</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>3127</u>	<u>3128</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE <u>11-1</u>	DATE <u>11-2</u>	DATE <u>11-2</u>	DATE <u>11-2</u>	DATE <u>11-2</u>	DATE <u>11-2</u>	DATE <u>11-2</u>	DATE <u>11-2</u>
TIME <u>2200</u>	TIME <u>0115</u>	TIME <u>1040</u>	TIME <u>1040</u>	TIME <u>1040</u>	TIME <u>1300</u>	TIME <u>1300</u>	TIME <u>1300</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. WILSON</u>	<u>39404</u>	<u>HAYS, KS</u>
<u>D. ASH</u>	<u>51143</u>	<u>"</u>
<u>J. BECKIE</u>	<u>361733206</u>	<u>"</u>

ORIGINAL

DEPARTMENT CEMENT

DESCRIPTION OF JOB 5 1/2" LOGGING

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN

CUSTOMER REPRESENTATIVE X RICH WHEELER

HALLIBURTON OPERATOR Way E W COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>100</u>	<u>STANDARD</u>		<u>B</u>	<u>5% CALSEAL, 1.8% SALT, 7.5% HALLAD 322</u> <u>5% GUNSON T. PISK</u>	<u>1.41</u>	<u>15.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: 20 - 12 TYPE CASING MUD

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. 72.6 BBL.-GAL.

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: 28.3 GAL.

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS

AVERAGE RATES IN BPM _____ TOTAL P.D.P. - 3133.64

TREATING _____ DISPL. _____ OVERALL _____ CENTRALIZERS - 10', 1, 2, 3, 4, 5, 6, 7

FEET 82.26 REASON INSERT



TRK 3617-8206

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 722621

HALLIBURTON ENERGY SERVICES

CUSTOMER: Helmerich & Payne; WELL: Libenau#12-H; DATE: 11-1-94; PAGE 2 OF 2

FORM 1911 R-10

Table with columns: PRICE REFERENCE, SECONDARY REFERENCE/PART NUMBER, ACCOUNTING (LOC, ACCT, DF), DESCRIPTION, QTY., U/M, UNIT PRICE, AMOUNT. Rows include items like Standard Cement, Salt Blended, Halad-322 Blended, Cal Seal Blended, Gilsonite Blended, and SERVICE.CHARGE.

15-163-23255-01-00

ORIGINAL

No. B 232689

CONTINUATION TOTAL 2,008.37



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
HELMERICH - PAYEE
 ADDRESS
P.O. Box 394
 CITY STATE ZIP CODE
PLAZAVILLE, KS 67663

CUSTOMER COPY

TICKET

No.

722621-9

PAGE 1 OF 2

SERVICE LOCATIONS 1. HAYS, KS	WELL/PROJECT NO. 12-H	LEASE LIEBEWAN	COUNTY/PARISH ROOKS	STATE KS	CITY/OFFSHORE LOCATION	DATE 11-2-94	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR DOCK DRILLING	RIG NAME/NO. RIG # 4	SHIPPED VIA 51143	DELIVERED TO LOUANN	ORDER NO.
3.	WELL TYPE	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO. 15163232550000	WELL LOCATION 19 - 7 - 17		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

15-163-23255-01-00

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M		
000-117		1			MILEAGE	51143	40	MI		2.75	110.00
001-016		1			PUMP SERVICES		3128	FT	6 HRS	1500.00	1500.00
030-019		1			TOP PLUG SW		1	SA	5 1/2"	65.00	65.00
013-315		1			MUDFLUSH		500	GA		65	325.00
12A	815.205	1			BLEED SHOE		1	SA	5 1/2"	121.00	121.00
27	815.19313	1			AVOID FILL UP UNIT		1	SA	1.25	55.00	55.00
24A	815.19313	1			ASSIST. FLIGHT VALVE		1	SA	5 1/2"	110.00	110.00
40	807.93022	1			S-4 CONTROLS		8	SA	5 1/2"	44.00	352.00
350	840.10802	1			HALLIBURTON WILD A		1	W		14.50	14.50
314-163		1			COMPLEX II		2	W		24.00	48.00
66	807.64031	1			FASGRIP LOWEY CAMP		1	SA	5 1/2"	12.00	12.00
001-018		1			Additional Hours		3	HRS		235.00	235.00

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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **11-2-94** TIME SIGNED: **0900** A.M.
 do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

SURVEY AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: **3413.50**

FROM CONTINUATION PAGE(S): **2008.37**

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: **5425.87**

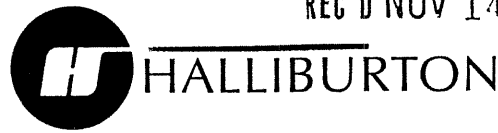
CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): **RICH WHEELER** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *[Signature]* HALLIBURTON OPERATOR/ENGINEER: **WAYNE E. WISW** EMP # **135377** HALLIBURTON APPROVAL: *[Signature]*

257-FF d/cut v/BM

ORIGINAL

INVOICE



REC'D NOV 14

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
722621	11/02/1994

15-163-23253-01-80

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
IEBENAU 12H		ROOKS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
AYS		DUKE DRILING #4	CEMENT PRODUCTION CASING		11/02/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
79060	RICH WHEELER			COMPANY TRUCK	79964

HELMERICH & PAYNE INC
P. O. BOX 394
PLAINVILLE, KS 67663

ORIGINAL

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				1,356.45-
	INVOICE BID AMOUNT				4,069.42
	*-KANSAS STATE SALES TAX				96.21
	*-HAYS CITY SALES TAX				19.65

CHARGE <u>Iebenau 12-H</u> S/ <u>018</u> AFE <u>900836-002</u> DESCRIP <u>CMT 5 1/2" INTERMEDIATE CSG</u> APPROVAL <u>[Signature]</u> <u>11/15/94</u>					
NOTE: CHARGED AS CEMENTING ON 5 1/2" INTERMEDIATE CSG PRODUCTION CSG IS CONSIDERED THE TBG WE HUNG IN WELL.					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$4,185.28

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046



INVOICE

INVOICE NO.	DATE
722621	11/02/1994

15-163-23255-01-00

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
IEBENAU 12H		ROOKS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
AYS		DUKE DRILILNG #4	CEMENT PRODUCTION CASING		11/02/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
79060	RICH WHEELER			COMPANY TRUCK	79964

ORIGINAL

DIRECT CORRESPONDENCE TO:

HELMERICH & PAYNE INC
P. O. BOX 394
PLAINVILLE, KS 67663

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
RICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	40	MI	2.75	110.00
		1	UNT		
001-016	CEMENTING CASING	3128	FT	1,500.00	1,500.00
		1	UNT		
030-019	CEMENTING PLUG 5W, PLASTIC BOT	5	1/2 IN	65.00	65.00
		1	EA		
018-315	MUD FLUSH	500	GAL	.65	325.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	55.00	55.00
815.19313					
24A	INSERT FLOAT VALVE - 5 1/2"8RD	1	EA	110.00	110.00
815.19251					
40	CENTRALIZER 5-1/2" X 7 7/8"	8	EA	44.00	352.00
807.93022					
350	HALLIBURTON WELD-A	1	EA	14.50	14.50
890.10802					
314-163	CLAYFIX II	2	GAL	24.00	48.00
66	FASGRIP LIMIT CLAMP 5 1/2"	1	EA	12.00	12.00
807.64031					
001-018	CEMENTING CASING - ADD HRS	3	HR	235.00	705.00
		1	UNT		
504-308	CEMENT - STANDARD	100	SK	7.82	782.00
509-968	SALT	800	LB	.15	120.00
507-775	HALAD-322	71	LB	7.00	497.00
508-127	CAL SEAL 60	5	SK	25.90	129.50
508-291	GILSONITE BULK	500	LB	.40	200.00
500-207	BULK SERVICE CHARGE	128	CFT	1.35	172.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	112.710	TMI	.95	107.07
INVOICE SUBTOTAL					5,425.87

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.