

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

ORIGINAL
APPROVALS 055-21265-0000
County Finney

Operator: License # 5952
Name: Amoco Production Company
Address P O Box 800
Room 925
City/State/Zip Denver, Co 80201

NE NE SW Sec. 25 Twp. 25S Rgd. 33 East West
2543 Foot from SE (circle one) Line of Section
3156 Foot from SW (circle one) Line of Section
Footage Calculated from Nearest Outside Section Corner:
NE, SE NW, or SW (circle one)

Purchaser: _____
Operator Contact Person: Ellen Hartzler
Phone (303) 830-5130
Contractor: Name: Cheyenne Drilling
License: 5832
Wellsite Geologist: _____

Lease Name Murphy GU Well # 3
Field Name Hugoton
Producing Formation Winfield
Elevation: Ground 2910' KB 2921'
Total Depth 2910' 2830' ^{KCC} 271' PSTD 2828:50'
Amount of Surface Pipe Set and Cemented at 1022 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 cement.

Designate Type of Completion
 New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc.)

Drilling Fluid Management Plan ALT 1 JH 8-18-94
(Data must be collected from the Reservoir Pit)
Chloride content 5800 ppm Fluid Volume 2140 bbls
Downhole method used dried and filled
Location of fluid disposal if hauled offsite: _____

If Workover/Re-entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conn. to Inj/SWD
 Plug Back _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
12/11/93 12/14/93 02/09/94
Spud Date Date Reached TD Completion Date

Operator Name _____
Lease Name _____ License No. 10994
Quarter Sec _____ Twp. _____ S. Rng. _____ EW-
County _____ Docket No. WICHITA, KS

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KANSAS CORPORATION COMMISSION

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 PERMITTING 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 to the best of my knowledge.

Signature Ellen Hartzler
Title Sr. Staff Assistant Date April 15, 1994
Subscribed and sworn to before me this 14th day of APRIL, 1994
Secretary Public [Signature]
My Commission Expires August 02, 1994

K.C.C. OFFICE USE ONLY
F Letter of confidentiality Attached
C Wireline Log Received
C Drillers' Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

P1

Operator Name Amoco Production Company Lease Name Murphy GU Well # 3

County Finney

Sec. 25 Twp. 25S Rge. 33
 East
 West

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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: <u>COMPENSATED SPECTRAL GAMMA</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Herrington</td> <td>2567</td> <td>KB</td> </tr> <tr> <td>Krider</td> <td>2592</td> <td></td> </tr> <tr> <td>Winfield</td> <td>2626</td> <td></td> </tr> <tr> <td>Towanda</td> <td>2690</td> <td></td> </tr> <tr> <td>Ft. Riley</td> <td>2744</td> <td></td> </tr> </table>	Name	Top	Datum	Herrington	2567	KB	Krider	2592		Winfield	2626		Towanda	2690		Ft. Riley	2744	
Name	Top	Datum																	
Herrington	2567	KB																	
Krider	2592																		
Winfield	2626																		
Towanda	2690																		
Ft. Riley	2744																		

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
Surface	12 1/4"	8 5/8"	24#	1022	Class C	460	2% CaCl ₂ ; 115 lbs Flocele
Production	7 7/8"	5 1/2"	15.5#	2830	Class C	500	125 lbs Flocele

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
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4	2644-2668; 2586-2628; 2761-2777;	Frac w/55,920 #10/20 2586-2668
	2734-2744; 2708-2722	Brady Sand
		Acidize w/ 3000 gals 20% HCL 2761-2777
		2734-2744
		2708-2722

USING RECORD Size N/A Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj SI Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil _____ Bbls. Gas 250 Mcf Water _____ Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Production Interval 2586-2777

(If vented, submit ACO-18) Other (Specify) _____

DRILLERS LOG

AMOCO PRODUCTION COMPANY
MURPHY GU NO. 3
SECTION 25-T25S-R33W
FINNEY COUNTY, KANSAS

API #15-055-21265

COMMENCED: 12-11-93
COMPLETED: 12-14-93

SURFACE CASING: 1014' OF 8 5/8"
CMTD W/310 SX LT "C", 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
150 SX "C", 2% C.C., 1/4#/SX FLO-CELE.

FORMATION	DEPTH
SURFACE HOLE	0-1022
RED BED	1022-1420
GLORIETTA SAND	1420-1600
RED BED	1600-2545
LIME & SHALE	2545-2700
SHALE & LIME	2700-2830 RTD

RECEIVED
STATE CORPORATION COMMISSION
APR 18 1994
CONSERVATION DIVISION
Wichita, Kansas

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

Claude E. Norwood
CLAUDE E. NORWOOD

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15TH DAY OF DECEMBER, 1993.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/95

Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC

CUSTOMER **A Mico** WELL NO. **3** LEASE **MURPHY** JOB TYPE **5 1/2** TICKET NO. **559056**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								25, 255, 27 1/2 FINNEY KS.
	10:00							REG ON LOC
	10:00							ON LOC
								SAFETY MEET.
	11:15							RUN FLOAT EQUIP
								Howe Hook up to C.A.
								Howe Hook up to C.A.
								200 START CMT
			173					250 FINISH CMT
								WAS PUMP & LINES
								RELEASE PLUG
								100 START DISH
								300 FINISH DISH
	11:19							200 BOMB FLOAT
								Float Hook 1 YES
								CMT C.A. YES
								RECEIVED ANSAS CORPORATION COMMISSION
								APR 19 1994
								CONSERVATION DIVISION WICHITA, KS
								LOST THE TURN AFTER
								22 BBL DUMP & 11 BBL W

WELL DATA

FIELD _____ SEC 25 TWP 255 RNG. 27 COUNTY FLANNERY 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	A	155	5 1/2	KB	2830	
LINER						
TUBING						
OPEN HOLE			7 1/2	KB	2830	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES None

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>5.5 ID</u>	<u>1</u>	
CENTRALIZERS <u>5-41</u>	<u>5</u>	
BOTTOM PLUG		
TOP PLUG <u>5 1/2</u>	<u>1</u>	
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-11-78</u> TIME <u>5:30</u>	DATE <u>11-11-78</u> TIME <u>10:00</u>	DATE <u>11-11-78</u> TIME <u>11:15</u>	DATE <u>11-11-78</u> TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>B. P. L...</u>	<u>2592</u>	<u>LAMPAN LG</u>
<u>C. R. S...</u>	<u>27450</u>	
<u>D. F. T...</u>	<u>52130</u>	<u>Hickman</u>
<u>G. A. H...</u>	<u>50865</u>	<u>11</u>

MATERIALS
 TREAT. FLUID _____ DENSITY _____ LB/GAL °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL °API
 PROP. TYPE _____ SIZE _____ LB.
 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 _____

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 KANSAS CORPORATION
 CONSERVATION DIVISION
 WICHITA, KS
 APR 7 1984

REPARTMENT C-1
 DESCRIPTION OF JOB 5 1/2
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR C. R. S... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./5K.	MIXED LBS./GAL.
<u>1</u>	<u>4000</u>	<u>11 1/2</u>			<u>11 1/2 FL</u>	<u>2.11</u>	<u>12.1</u>
<u>2</u>	<u>100</u>	<u>D +</u>			<u>4 1/2 FL</u>	<u>2.22</u>	<u>12.1</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 ORDERED _____ AVAILABLE _____ USED _____
 TREATING _____ DISPL. _____ OVERALL _____
 FEET _____ REASON 5 1/2

SUMMARY

PRELUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 47
 CEMENT SLURRY: BBL.-GAL. 17?
 TOTAL VOLUME: BBL.-GAL. _____

RAMARKS

CUSTOMER: A11060
 LEASE: 1104R251
 WELL NO: 3
 JOB TYPE: 5 1/2

TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. 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 the 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.

C. **RELEASE AND INDEMNITY** - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.

JOB LOG FORM 2013 R-4

 DATE: 12-14-93 PAGE NO.

 CUSTOMER: A 11100 WELL NO.: 7 LEASE: MURPHY JOB TYPE: 5Y2 PROD. CSG. TICKET NO.: 559056

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								25, 288 37"
								FINNEY KS
	10 00							REG ON LOG
	10 00							ON LOG
								SAFTON MEET
	11 15							RUN FLAT EQUIP
								HOSEA HOSE UP TO CIP
								HOSEA HOSE UP TO CIP
								200 STAIR CIP
			173					250 FINNEY CIP
								WASH PUMP LINES
								BE LEAN PLIK
								100
			76					800 FINNEY DICK
	11 15							1200 BONES FLAT
								START 10/15/94 YFS
								RECEIVED
								KANSAS CORPORATION COMMISSION
								CIP C.I.P. YFS
								APR 18 1994
								CONSERVATION DIVISION
								WICHITA, KS
								LOST RETURN AFTER
								22 HBL DISP. PUMPS

JOB SUMMARY

HALLIBURTON DIVISION Misc Cont
 HALLIBURTON LOCATION LAMAR CO

BILLED ON TICKET NO. 559095

WELL DATA

FIELD _____ SEC. 25 TWP. 25S RNG. 22E COUNTY FINNEY 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KR</u>	<u>2820</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 3/4</u>	<u>KR</u>	<u>2820</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLS OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-14-77</u>	DATE <u>12-14-77</u>	DATE <u>12-14-77</u>	DATE <u>12-14-77</u>
TIME <u>5:30</u>	TIME <u>10:00</u>	TIME <u>11:15</u>	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>B. P. LAMAR</u>	<u>2592</u>	<u>LAMAR CO</u>
<u>D. L. ...</u>	<u>27454</u>	
<u>D. ...</u>	<u>52930</u>	<u>HUGO CO</u>
<u>C. ...</u>	<u>50865</u>	<u>KS</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>S.S.D</u>	<u>1</u>	
CENTRALIZERS <u>S-4</u>	<u>5</u>	
BOTTOM PLUG		
TOP PLUG <u>S-4</u>	<u>1</u>	
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

SURFACTANT 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. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 18 1994
 CONSERVATION DIVISION
 WICHITA, KS

DEPARTMENT Co 1

DESCRIPTION OF JOB 5 1/2

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR C. ...

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>400</u>	<u>HLC</u>		<u>404 FL</u>		<u>7.14</u>	<u>121.5</u>
<u>2</u>	<u>100</u>	<u>P+</u>		<u>104 FL</u>		<u>7.52</u>	<u>121.5</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH: BBL.-GAL. _____ TYPE _____

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

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

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 173

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 47

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 0 REASON SSCF

RAMARKS

CUSTOMER A11060
 LEASE 1108P51
 WELL NO. 3
 JOB TYPE 510
 DATE 12-14-77



HALLIBURTON
ENERGY SERVICES

TICKET CONTINUATION

COPY

1105

TICKET No. *55903/2*

CUSTOMER	WELL	DATE	PAGE	OF
Amoco Production	Murphy G.U. #3	12-14-93		

FORM 1911 R-8

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M	QTY.	U/M	UNIT PRICE		AMOUNT			
		LOG	ACCT	DF													
504-050	516.00265					Premium Plus Cemet	100	sk				9	22	922.00			
504-120						Halliburton Light Cemnet	400	sk				8	21	3284.00			
504-050	516.00265					Premium Plus Cement											
506-105	516.00286																
506-121	516.00259																
507-210	890.50071					Flocele 1/4"W/ 500	125	lb				1	40	175.00			
500-207						SERVICE CHARGE				CUBIC FEET		058	508	1.35	685.80		
500-306						MILEAGE CHARGE				TOTAL WEIGHT	46413	LOADED MILES	48	TON MILES	1113.912	1.95	1058.22

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 18 1994
 CONSERVATION DIVISION
 TOPEKA KS

CONTINUATION TOTAL



CHARGE TO:
AMOCO
 ADDRESS
 CITY, STATE, ZIP CODE

COPY

TICKET

No. **559056-3**

PAGE 1 OF 1

FORM 1906 R-12

SERVICE LOCATIONS 1. Amoco B.C.	WELL/PROJECT NO. 3	LEASE MURPHY	COUNTY/PARISH FINNICK	STATE KS	CITY/OFFSHORE LOCATION	DATE 12-14-92	OWNER
2. Hickory KS	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR CSEYEMAR	RIG NAME/NO. 3	SHIPPED VIA LOC	DELIVERED TO	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION 25, 255, 332		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
000-117						MILEAGE	96				2.75	264.00
001-014						PUMP CHARG.	2520	1				1345.00
030-014						5W PLUG.	1		5			60.00
40	807.93022					CEMENTIZER 5-4	5				44.00	220.00
65117100	837.07100					SS R SBOF.						225.00

RECEIVED
 CANVAS CORPORATION
 APR 11 1994
 3000 LANTANA BLVD
 JACKSONVILLE, FL 32216

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.		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
CUSTOMER OR CUSTOMER'S AGENT SIGNATURE X	DATE SIGNED	TIME SIGNED <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S) 1058
			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	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				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
		<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered						<input 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) X	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) [Signature]	HALLIBURTON OPERATOR/ENGINEER [Signature]	EMP # 49401	HALLIBURTON APPROVAL
---	--	---	-----------------------	----------------------

TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. 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 the 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.

C. **RELEASE AND INDEMNITY** - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT: CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

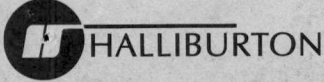
H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.

JOB LOG FORM 2013 R-4

 CUSTOMER Amaco PROD Co. WELL NO. 3 LEASE MURPHY G.U. JOB TYPE 8 1/2 SURFACE CSG TICKET NO. 648049

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							called out ready 0400
	2200							on loc. still drlg.
	0840							start CSG in hole
	0940							hook head to circulate
	0945							circulation to pit - safety meeting
	0955							hook up to cmt line
	1001	7	114			200		start lead cmt 12.3" gal
	1018	6	35			250		start tail cmt 14.8" gal
	1024	0	0			0		shut down drop plug
	1027	5	53			250		start displacement H ₂ O
	1037	1	63			260		slow rate down 63 total
	1047	0	0			400		plug landed - shut in
	1050							job over
								10 BBL cmt P.T
								27 SKS P.T
								avg lead rate 7
								avg tail rate 6
								avg displacement rate 3.5
								avg lead pressure 200
								avg tail pressure 250
								avg displacement pressure 300
								cmt to pit 10 BBL
								27 SKS
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								L. BERAL KS.
								TM BROADFOOT CREW
								"HAPPY HOLIDAYS"

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 1 1994
 OPERATIONS DIVISION
 WICHITA, KS



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid Continent Area
LIBERAL KS

BILLED ON TICKET NO. 648049

WELL DATA

FIELD _____ SEC. 20 TWP. 25S RNG. 33W COUNTY Finney 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 7/8"	K.B.	1022	
LINER						
TUBING						
OPEN HOLE			12 1/4"	KB	1022	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		H
FLOAT SHOE		
GUIDE SHOE		D
CENTRALIZERS 5.4" 3/4" 3"	3	
BOTTOM PLUG ALUM. CAPSULE "	1	W
TOP PLUG 500 I	1	
HEAD HOWES WELD KB	1	C
PACKER		
OTHER		D

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-12-93	DATE 12-11-93	DATE 12-12-93	DATE 12-12-93
TIME 2200	TIME 2200	TIME 1000	TIME 1100

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
BROADFOOT D4604	38242	LIBERAL KS
T. DAVIS F4550	55177	"
HOWE F7343	51984	HUGOTON KS
CORPENING G2128	4515	"
	6610	

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. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB 8 7/8 SURFACE CS61

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

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR J. B. [Signature] COPIES REQUESTED _____

RECEIVED
KANSAS CORPORATION COMMISSION
APR 18 1994
CONSERVATION DIVISION
WICHITA, KS

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	310	PREMI PLUS LT		B	2% C.C. - 1/4" / 1100 S/LB	206	12.3
1	150	PREMI PLUS		B	2% C.C. 1/4" / 1100 S/LB	132	11.8

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.-GAL. 6.3

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 114-35

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

ORDERED _____ AVAILABLE _____ USED _____ REMARKS

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 42.55 REASON SHOE JT.

10 BBL CMT TO P.T
27 SKS

CUSTOMER
Anco Prod Co
LEASE
MURPHY GAS
WELL NO.
3
JOB TYPE
SHALLOO
DATE
12-11-93



HALLIBURTON
ENERGY SERVICES

TICKET CONTINUATION

COPY

85

TICKET No. **648049**

FORM 1911 R-8

CUSTOMER Amoco	WELL Murphy 'G.U. #3	DATE 12-11-93	PAGE OF
-------------------	-------------------------	------------------	------------

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF			QTY.	U/M		QTY.	U/M	
504-050	516.00265					Premium Plus Cement	150	sk	9.22	1,383	00	
504-120						Halliburton light Cement	310	sk	8.21	2,545	10	
504-050	516.00265											
506-105	516.00286											
506-121	516.00259											
507-210	890.50071					Flocele B/ 1/2 W/ 460	115	lb	1.40	161	00	
509-406	890.50812					Calcium chloride B/ 2% W/ 460	9	sk	28.25	254	25	
500-207						SERVICE CHARGE						
							CUBIC FEET		486	1.35	656	10
500-306												
						MILEAGE CHARGE	TOTAL WEIGHT 43,461	LOADED MILES 48	TON MILES 1,043.064	95	990	91

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 18 1994
 CONSERVATION DIVISION
 TOPEKA, KS

CONTINUATION TOTAL **5990.36**



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

CHARGE TO: *Amoco Production*
 ADDRESS: *2225 W. ORLA AVE*
 CITY, STATE, ZIP CODE: *WASSER K9 67880*

COPY

TICKET

No.

648049 - 6

PAGE 1 OF 2

1. SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <i>1. BORDEN KS</i>	<i>3</i>	<i>MURPHY GULF</i>	<i>Finney</i>	<i>KS</i>		<i>12-11-93</i>	<i>Amoco</i>
2. <i>1. BORDEN KS</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <i>CAEVOLVE</i>	RIG NAME/NO. <i>44-015-0303</i>	SHIPPED VIA <i>41</i>	DELIVERED TO <i>LOCATION</i>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>000-017</i>					MILEAGE	<i>96</i>	<i>mi</i>	<i>1</i>	<i>unit</i>	<i>2.75</i>	<i>264.00</i>
<i>201-016</i>					PUMP CHARGE	<i>1022</i>	<i>74</i>	<i>6</i>	<i>HR</i>	<i>(647)</i>	<i>1060.00</i>
<i>030-018</i>					500 TOP PLUG	<i>85 1/2</i>	<i>IN</i>	<i>1</i>	<i>EA</i>		<i>130.00</i>
<i>40</i>	<i>807.93059</i>				S-4 CENTRALIZERS	<i>"</i>	<i>"</i>	<i>3</i>	<i>EA</i>	<i>72.00</i>	<i>216.00</i>
<i>597</i>	<i>825.1269</i>				ALUM BAFFLE PLATE	<i>"</i>	<i>"</i>	<i>1</i>	<i>EA</i>		<i>45.00</i>
<i>350</i>	<i>890.10802</i>				WELD "A"	<i>1 LB</i>		<i>"</i>	<i>"</i>		<i>14.50</i>
<i>019200</i>					1" P.I.P.E	<i>100</i>	<i>74</i>	<i>PER</i>	<i>74</i>	<i>1.35</i>	<i>135.00</i>

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 18 1994
 OBSERVATION DIVISION
 WICHITA, KS

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 X	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 1864 150 FROM CONTINUATION PAGE(S) 5990 36 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 7854 86
	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? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
DATE SIGNED <i>12-12-93</i>	TIME SIGNED <i>1100</i>	<input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		TREE CONNECTION	TYPE VALVE		<input 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) <i>SAM CARMACK</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X	HALLIBURTON OPERATOR/ENGINEER <i>Jim Broughton</i>	EMP # <i>44604</i>	HALLIBURTON APPROVAL <i>w/39% disc. 4791.46</i>
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CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.