

ORIGINAL

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

API No. 15 - 129-21390-0000
County Morton
NE SW SW Sec. 27 Twp. 32S Rge. 41 East We.

Operator: License # 5952

Name: Amoco Production Company

Address: PO Box 800 Room 924

City/State/Zip Denver, CO 80201

Purchaser: N/A

Operator Contact Person: Susan R. Potts

Phone 303-830-5323

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: N/A

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc.)

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

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

7-8-95 Spud Date 7-10-95 Date Reached TD 8-30-95 Completion Date

1270 Feet from N Line of Section

4000 Feet from W Line of Section

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

Lease Name Bowker Gas Unit /A/ Well # 2HI

Field Name Hugoton

Producing Formation Dry

Elevation: Ground 3387' KB 3393'

Total Depth 2446' PBTB 2444.5'

Amount of Surface Pipe Set and Cemented at 504 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 cm

Drilling Fluid Management Plan D&A 92 5-14-96
(Data must be collected from the Reserve Pit)

Chloride content 42,000 ppm Fluid Volume 600 bbls

Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite:

RECEIVED

KANSAS CORPORATION COMMISSION

Operator Name

Lease Name SEP 18 1995 License No.

9-18-95 Quarter Sec. Twp. S.Rng. E/W

County CONSERVATION DIVISION WICHITA, KS Docket No.

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 to the best of my knowledge.

Signature Susan R. Potts

Title Senior Staff Assistant Date September 13, 1995

Subscribed and sworn to before me this 13th day of September 1995

Notary Public Donna J. Monroe

Date Commission Expires May 4, 1999

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)

Operator Name Amoco Production Company Lease Name Bowker Gas Unit Well # 2HI

Sec. 27 Twp. 32S Rge. 41 East West

County Morton

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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
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			
		Name	Top	Datum
		Ogallala Base	353'	KB
		Chase Top	2246'	
		Council Grove	2580'	

List All E. Logs Run: Gamma Collar, High Resolution Induction, Spectral Density Dual Spaced Neutron CSNG, Compensated Spectral Natural Gamma

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	12.25"	8.625"	20	504'	Premium Plus MidCon3	150 75	2%CC+1/4# Sk Flocele 1/4# Flocele
Production	7.875"	5.5"	14	2446'	MidCon2 Premium Plus Lite	300 100	2%CC+1/4# Flocele 1/4# 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2150-2170'; 2210-2220'	FRAC w/ 101,100 12/20 Sand and 166 bbls foam	2150-2220'

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

Disposition of Gas: Vented Sold Used on Lease

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

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

DRILLERS LOG

ORIGINAL

AMOCO PRODUCTION COMPANY
BOWKER "A" GU 3HI
SECTION 27-T32S-R41W
MORTON COUNTY, KANSAS

COMMENCED: 07-08-95

COMPLETED: 07-10-95

API#15-129-21390

SURFACE CASING: 504' OF 8 5/8" CMTD
W/75 SKS MIDCON3 + 2% CC + 1/4 #/SK
FLOCELE. TAILED IN W/ 150 SKS PREMIUM
PLUS + 2% CC + 1/4 #/SK FLOCELE.

FORMATION

DEPTH

SURFACE HOLE

0 - 504

RED BED

504 - 2270

LIMESTONE & SHALE

2270 - 2446 RTD

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

CHEYENNE DRILLING, INC.

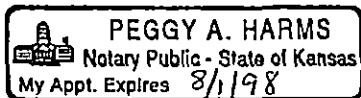
WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 11TH DAY OF JULY, 1995

PEGGY A. HARMS

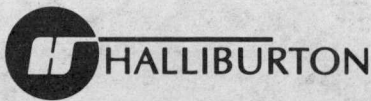
NOTARY PUBLIC



RECEIVED
KANSAS CORPORATION COMMISSION

SEP 18 1995

CONSERVATION DIVISION
WICHITA, KS



JOB LOG HAL-2013-C

7-2-95

1

CUSTOMER: Angelo Pross WELL NO.: 2 HT LEASE: Bowker G.O. A JOB TYPE: 8 1/2" SURFACE TICKET NO.: 812006

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	12:40							Called out Ready Now
	15:45							on loc Rig Delg
	17:00							START CS9
	17:55							CS9 on Bottom ORIGINAL
	17:55							Circulate with Rig
	18:05							Hook to Halliburton
	18:09	6.1	43			100		START LEAD Cmt @ 11.1 #/gal
	18:46	4	35.3			75		START TAIL Cmt @ 14.8 #/gal
	18:25					0		SHUT DOWN
	18:25					0		Drop 5 wiper Plug
	18:26	2	29.3			0		START Displacement / WASH Pumps & LINES
	18:43					150		SHUT DOWN
	18:45					0		Release BACK Float Holding
	18:46							Job Complete
								Circulated to P.T
								29 BBLs
								50 SKS
								THANK YOU FOR CALLING
								HALLIBURTON
								ROBERT & CREW
								RECEIVED
								KANSAS CORPORATION COMMISSION
								SEP 18 1995
								CONSERVATION DIVISION
								WICHITA, KS
								Time on Loc 3 Hrs
								Pump Time 36 min



JOB SUMMARY

HALLIBURTON DIVISION Med Cont
 HALLIBURTON LOCATION Liberati Ks

BILLED ON TICKET NO. 812007

WELL DATA

FIELD _____ SEC. 27 TWP. 32 S RNG. 41 W COUNTY MARTON 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 504

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>20</u>	<u>8 7/8</u>	<u>K.B</u>	<u>505</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>G.L.</u>	<u>504</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT w/Fill</u>	<u>1</u>	<u>Howe</u>
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS <u>S-4</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG <u>S-WALPER</u>	<u>1</u>	
HEAD <u>GCPG</u>	<u>1</u>	
PACKER		
OTHER <u>WELD A</u>	<u>1</u>	

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-8-95</u>	DATE <u>7-9-95</u>	DATE <u>7-8-95</u>	DATE <u>7-8-95</u>
TIME <u>12:14</u>	TIME	TIME <u>12:05</u>	TIME <u>12:45</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Elwood</u>	<u>420041</u>	
<u>D. 4360</u>	<u>P.U.</u>	<u>Liberati Ks</u>
<u>C. Cowley</u>	<u>52223</u>	
<u>74345</u>	<u>7242 (A)</u>	<u>"</u>
<u>D. Compening</u>	<u>3625</u>	
<u>G. 2725</u>	<u>75237 (A)</u>	<u>Hogden 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 SOOL CNT
 DESCRIPTION OF JOB 8 7/8 SURFACE

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

CUSTOMER REPRESENTATIVE X BILL CHATHAM

HALLIBURTON OPERATOR ROBERT ELWOOD COPIES REQUESTED 2

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>75</u>	<u>MEACON 3</u>		<u>B</u>	<u>1/4 #15K FLOCCEL</u>	<u>3.23</u>	<u>11.1</u>
	<u>150</u>	<u>PT</u>		<u>B</u>	<u>270 C.C., 1/4 #15K FLOCCEL</u>	<u>1.32</u>	<u>14.2</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____
 HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN _____
 TREATING _____ DISPL. _____
 CEMENT LEFT IN PIPE _____
 FEET 38.15 REASON SHOE JOINT

SUMMARY

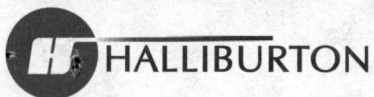
PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 29.3
 CEMENT SLURRY: BBL.-GAL. 43 + 35
 TOTAL VOLUME: BBL.-GAL. _____

VOLUMES

REMARKS

MSDS GIVEN TO COMPANY MAN
PLY DID NOT LAID PUMPS 1.7 OVER
SINCE JOINT GAP WAS 2.48 SHUT DOWN
RELEASED BACK PLANT HOLD JOB COMPLETE

CUSTOMER _____
 LEASE _____
 WELL NO. 211
 JOB TYPE 8 7/8 SURFACE
 DATE 7-2-95



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 812006

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER Amoco Production	WELL Bowker GUA 2HF	DATE 07-08-95	PAGE 2	OF 2
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-090	516,00265				Premium Plus Cem	150	3K	11	91	1786	50	
504-286					Mid con 2	25	3K			16	89	
507-210	840,50011				Fluocel 1/4 w 225	56	15			1	65	
509-406	840,50012				Cal. Chlor. 290w/150,320,475	5	3K			36	25	
					SERVICE CHARGE		CUBIC FEET					
					MILEAGE CHARGE		TOTAL WEIGHT		LOADED MILES		TON MILES	
					21888		36		393.984		328.05	
											374.28	

ORIGINAL

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 KANSAS CORPORATION COMMISSION
 SEP 18 1995
 CONSERVATION DIVISION
 WICHITA, KS

No. B 209618

CONTINUATION TOTAL	3,994.23
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HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
Amoco PRODUCTION

ADDRESS

CITY, STATE, ZIP CODE

DUNCAN COPY

TICKET

No.

812006 - 8

PAGE 1 OF

1. SERVICE LOCATIONS <i>024540 LAGERAI</i>	WELL/PROJECT NO. <i>2 HT</i>	LEASE <i>BANKER G.U.A</i>	COUNTY/PARISH <i>MORTON</i>	STATE <i>LA</i>	CITY/OFFSHORE LOCATION	DATE <i>7-8-95</i>	OWNER <i>Same</i>	
2. <i>025535 Hogston</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>CASPERINE DALL</i>	RIG NAME/NO. <i>8</i>	SHIPPED VIA <i>HES</i>	DELIVERED TO <i>LOCATION</i>	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE <i>8</i>	WELL PERMIT NO.	WELL LOCATION			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS <i>02 01 010</i>						<i>27-325-410</i>	

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>000-117</i>					MILEAGE	<i>1</i>	<i>U</i>	<i>128</i>	<i>MT</i>	<i>2.75</i>	<i>352.00</i>
<i>001-010</i>					<i>Pump Charge</i>	<i>6</i>	<i>HR</i>	<i>508</i>	<i>FT</i>		<i>890.00</i>
<i>030-018</i>					<i>5 WEAVER TOP PLUG</i>	<i>8 7/8</i>	<i>IN</i>	<i>1</i>	<i>EA</i>		<i>130.00</i>
<i>40</i>	<i>806-61048</i>				<i>CENTRALISERS</i>	<i>8 7/8</i>	<i>IN</i>	<i>3</i>	<i>EA</i>	<i>65.00</i>	<i>195.00</i>
<i>24 A</i>	<i>815-19508</i>				<i>20" FLOAT INSERT</i>	<i>8 7/8</i>	<i>IN</i>	<i>1</i>	<i>EA</i>		<i>150.00</i>
<i>27</i>	<i>815-19415</i>				<i>FILL ASSEMBLY</i>	<i>8 5/8</i>	<i>IN</i>	<i>1</i>	<i>EA</i>	<i>55.00</i>	<i>NO CHARGE</i>
<i>350</i>	<i>890-10802</i>				<i>WELD A</i>	<i>1</i>	<i>LB</i>	<i>1</i>	<i>EA</i>		<i>14.50</i>

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 7 8 1995
NON-REGISTRATION 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.

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

X

DATE SIGNED _____ TIME SIGNED _____ A.M. P.M.

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

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK _____ DEPTH _____

BEAN SIZE _____ SPACERS _____

TYPE OF EQUALIZING SUB. _____ CASING PRESSURE _____

TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____

TREE CONNECTION _____ TYPE VALVE _____

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	<i>1731</i>	<i>50</i>
FROM CONTINUATION PAGE(S)	<i>3994</i>	<i>23</i>
SUB-TOTAL	<i>5,725</i>	<i>73</i>

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>Bill C. HATHAM</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X	HALLIBURTON OPERATOR/ENGINEER <i>ROBERT ELWOOD</i>	EMP # <i>D 4360</i>	HALLIBURTON APPROVAL
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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.

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HALLIBURTON ORIGINAL

DATE	PAGE NO.
7-10-95	1

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Amoco Production		211T		BOWTIP GUA		5/8 LONG STRING		811782	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
									JOB READY NOW 0750
	1000								CALLED OUT FOR JOB
	1230								PUMP TRUCK ON LOCATION - RIG
	1230								STILL LOGGING HOLE -
	1300								THROUGH LOGGING HOLE - WAIT ON
									LOGGERS TO MOVE - TO SET UP PUMP TRUCK
	1435								START RUNNING 5/8 CSG + FLT EQUIP
	1500								SET UP PUMP TRUCK
	1600								CASING ON BOTTOM 2451'
	1605								HOOK UP KELLY + CIRCULATE HOLE
									THROUGH CIRCULATING - HOOK UP 5/8 PKT +
									CIRCULATING IRON -
									- HOLD SAFETY MILLING -
									JOB PROCEDURE
	1615	6.0	172.5		✓	150			START MIXING LEAD CEMENT 11.1 ^{LB} / GAL
	1700	6.0	360		✓	150			START MIXING FILL CEMENT 12.8 ^{LB} / GAL
	1705		208.5		✓	0			THROUGH MIXING CMT - SHUT DOWN
	1710								WASH OUT PUMP + LINES - RELEASE PLUG
	1712	6.0			✓	225			START DISPLACING -
									HAVE CMT RETURNS TO SURFACE
	1715		60.0			1500			PLUG DOWN - RELEASE FLOAT
									FLOAT HEED
									CIRCULATED (60 BBL 104 SKS)
									MAX LIT PRESSURE 450*
									THANK YOU! CALL AGAIN
									WASHY + CLIFFON

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SEP 18 1995

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER

WELL DATA

FIELD *HUGOTON INFILL* SEC. *27* TWP. *32S* RNG. *41W* COUNTY *MORTON* STATE *KS*

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>N</i>	<i>15.5</i>	<i>5 1/2</i>	<i>KB</i>	<i>2476</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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 *2446*

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
<i>7-10-95</i>	<i>7-10-95</i>	<i>7-10-95</i>	<i>7-10-95</i>
TIME <i>1000</i>	TIME <i>1230</i>	TIME <i>1614</i>	TIME <i>1715</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>J. Woodrow 62573</i>	<i>40047</i>	<i>LIBERAL KS</i>
<i>G. Cowley 74345</i>	<i>52326 75764</i>	<i>" "</i>
<i>E. Poole H 1865</i>	<i>40377 BULK</i>	<i>HUGOTON KS</i>
<i>S. Porter</i>	<i>44611 BULK</i>	<i>" "</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <i>SSII 5/8</i>	<i>1</i>	<i>HUGO</i>
GUIDE SHOE		
CENTRALIZERS <i>5/8</i>	<i>5</i>	<i>" "</i>
BOTTOM PLUG		
TOP PLUG <i>5-W 5/8</i>	<i>1</i>	<i>" "</i>
HEAD <i>P/C 5/8</i>	<i>1</i>	<i>" "</i>
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
 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. _____

DEPARTMENT *CEMENT*
 DESCRIPTION OF JOB *CEMENT 5/8 PRODUCTION CASING*
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE *X*
 HALLIBURTON OPERATOR *Jpl Woodrow* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>300</i>	<i>midcon 2</i>	<i>HUGO</i>	<i>B</i>	<i>2 1/2 cc 1/4 flocc</i>	<i>3.22</i>	<i>113</i>
	<i>100</i>	<i>PREMIUM T LITE</i>	<i>"</i>	<i>B</i>	<i>1/4 flocc</i>	<i>1.68</i>	<i>128</i>

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PRESSURES IN PSI

SUMMARY

VOLUMES DIVISION
 WICHITA, KS

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISP: BBL.-GAL. *59.8*
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY (BBL) GAL. *12.66*
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. *208*
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS *GAVE MDS SHEETS TO MR. SAM CARMACK*
 TREATING _____ DISPL. _____ OVERALL _____
 FEET *2* REASON *FLOAT SHOES*

CUSTOMER: Amoco Production
 LEASE: BOUTER G.L. A
 WELL NO: 241
 JOB TYPE: 5/8 inch spools
 DATE: 7-10-95



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
 ADDRESS: Amoco Production
 CITY, STATE, ZIP CODE:

DUNCAN COPY

TICKET

No.

811782 - 4

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>025540 L. BERAL</u>	WELL/PROJECT NO. <u>2 HT</u>	LEASE <u>BOWKER G.U. A</u>	COUNTY/PARISH <u>MORTON</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION <u>SE RICHFIELD</u>	DATE <u>7-10-95</u>	OWNER <u>SAMP</u>
2. <u>025535 HUGOTON</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>CHEYENNE DRIG "B"</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>WELL SITE</u>	ORDER NO.
3.	WELL TYPE <u>02-GAS</u>	WELL CATEGORY <u>01-DEVELOPMENT</u>	JOB PURPOSE <u>035'-5 1/2' LONG STRING</u>	WELL PERMIT NO.	WELL LOCATION <u>LAND</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	61	MI	2	FA	2 75	170 50
001-016		1			PUMP CHARGE	2451	FT			1395 00	1395 00
020-016		1			5-W TOP PLUG	1	FA	5 1/2	IN	60 00	60 00
5A	827-07100	1			SUPER SEAL FLOAT SHOF	1	FA	5 1/2	IN	225 00	225 00
40	806-60022	1			GENERALIZER	5	FA	5 1/2	IN	60 00	300 00
350	890-10802	1			WELD A	1	FA	1	LB	14 50	14 50

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 SEP 18 1995
 CONSERVATION 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.

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

X

DATE SIGNED: 7-10-95 TIME SIGNED: 1300

A.M. P.M.

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

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

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: 2165 00

FROM CONTINUATION PAGE(S): 7613 52

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

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	<u>John Woodrow</u>	<u>62593</u>	

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.

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JOB LOG HAL-2013-C

DATE 7-20-95 PAGE NO. 1

CUSTOMER Amoco Prod. WELL NO. 2HI LEASE Lemango "C" JOB TYPE Plug to abandon TICKET NO. 812093

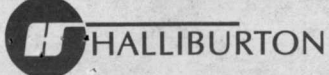
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							on loc
								ORIGINAL
	1934	3	8			50		Pump Cement
	1947	-	38					cement to surface shut down Pull Drill Pipe
	20:12		4					Load CSG with cement
	20:26		9			250		Pressure-up casing Shut valve Subover
								Thanks

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SEP 18 1995

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER



JOB SUMMARY

HALLIBURTON DIVISION *M. J. Con*
 HALLIBURTON LOCATION *Liberal*

BILLED ON TICKET NO. *812093*

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY *Morton* 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		<i>20</i>	<i>8 1/4</i>			
LINER						
TUBING <i>DT</i>		<i>16.6</i>	<i>4 1/2</i>	<i>0</i>	<i>345</i>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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 <i>7-20-95</i>	DATE <i>7-20-95</i>	DATE <i>7-20-95</i>	DATE <i>7-20-95</i>
TIME <i>16:30</i>	TIME <i>19:00</i>	TIME <i>19:34</i>	TIME <i>8:30</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>D. Peacock</i> <i>81046</i>	<i>SRV</i> <i>SUPERVISOR</i>	<i>Liberal</i>
<i>D. Carr</i> <i>59179</i>	<i>TC-4</i> <i>713</i>	<i>"</i>
<i>D. Corpening</i> <i>62128</i>	<i>BC</i> <i>7620</i>	<i>Morton</i>

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 *SET surface Plug to abandon*

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

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR *David Peacock*

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<i>1</i>	<i>200</i>	<i>6440 Poz Pro</i>		<i>276 Gel.</i>		<i>1.23</i>	<i>14.5</i>

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 *345* REASON *Plug*

RESUMMARY

KANSAS CORPORATION COMMISSION

SEP 18 1995

CONSERVATION DIVISION
WICHITA, KS

VOLUMES

TREATMENT: BBL.-GAL. _____

CEMENT SLURRY: BBL.-GAL. *42*

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER *Amoco Production*

LEASE *Lemon Gas "C"*

WELL NO. *241*

JOB TYPE *Plug To Abandon*

DATE *7-20-95*



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Amoco Production
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No. **812093 - 7**

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <u>Liberal</u>	<u>2 HI</u>	<u>Lemon 60 "C"</u>	<u>Morton</u>	<u>KS</u>		<u>7-20-95</u>	
2. <u>Duncan</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>COUOR</u>	DELIVERED TO <u>LCC</u>	ORDER NO.
3. <u>Hugo Teri</u>	WELL TYPE <u>01</u>	WELL CATEGORY <u>06</u>	JOB PURPOSE <u>115</u>	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							
<u>000-117</u>	ORIGINAL	<u>1</u>			MILEAGE	<u>104</u>		<u>1 Yr</u>		<u>2.75</u>	<u>286</u>
<u>009-019</u>		<u>2</u>			Pump Charge	<u>345</u>		<u>FT</u>			<u>670</u>

RECEIVED
 KANSAS CORPORATION COMMISSION
 SEP 18 1995
 CONSERVATION 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. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS X DATE SIGNED _____ TIME SIGNED _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input 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>956</u> FROM CONTINUATION PAGE(S) <u>2319</u> SUB-TOTAL <u>3275.08</u> APPLICABLE TAXES WILL BE ADDED ON INVOICE
	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			
TREE CONNECTION	TYPE VALVE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input type="checkbox"/> YES <input type="checkbox"/> NO			
<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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	X	<u>Dan J. Peacock</u>	<u>81046</u>	

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.