

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

Operator: License # 5952  
Name: Amoco Production Company  
Address PO Box 800 Room 924  
City/State/Zip Denver, CO 80201  
Purchaser: Williams Natural Gas - Gas  
Texaco-011  
Operator Contact Person: Susan R. Potts  
Phone 303-830-5323  
Contractor: Name: Cheyenne Drilling  
License: 5382  
Wellsite Geologist: Austin Garner

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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 \_\_\_\_\_ PSTD  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

8-29-95 9-9-95 9-14-95  
Spud Date Date Reached TD Completion Date

API No. 15 - 187-20787-0000

**ORIGINAL**

County Stanton

C - SE - NE Sec. 34 Twp. 29S Rge. 40  East West  
1980 Feet from SW (circle one) Line of Section  
660 Feet from EW (circle one) Line of Section

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

Lease Name Brian Daniel Well # 1-34  
Field Name Little Arrow

Producing Formation St. Louis  
Elevation: Ground 3259.65' KB 3271'  
Total Depth 5725' PSTD 5669'

Amount of Surface Pipe Set and Cemented at 1615 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2941 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ACT 1 3-496DPW  
(Data must be collected from the Reserve Pit)

Chloride content 5100 ppm Fluid Volume 3000 bbls  
Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name RECEIVED  
KANSAS CORPORATION COMMISSION  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter FEB Sec. 34 Twp. \_\_\_\_\_ S. Rng. \_\_\_\_\_ E/W

County 2-9-96 Docket No. \_\_\_\_\_

CONSERVATION DIVISION  
WICHITA, KS

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 February 7, 1996  
Subscribed and sworn to before me this 7th day of Feb, 1996  
Notary Public Gray McRynell  
Date Commission Expires June 24, 1998

29-96DPW  
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 Brian Daniel Well # .1-34  
 County Stanton  
 Sec. 34 Twp. 29S Rge. 40  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.)  Yes  No  Log Formation (Top), Depth and Datums  Sample

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run (Submit Copy.)  Yes  No

Name	Top	Datum
Ogallala Base	699'	KB
Stone Corral Base	1720'	
Chase Top	2279'	
Council Grove	2569'	
Pennsylvanian	2989'	
Base Heebner	3739'	
Lansing	3799'	
Marmaton	4409'	

List All E. Logs Run: Microlog, Compensated Spectral, Natural Gamma Ray, Long Spaced Sonic, Dual Induction Laterolog, Spectral Density Dual Spaced Neutron II

**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"	28	1615'	Premium Plus	150	2%CC+1/4# Flocele
Production	7.875"	4.5"	10.5	5710'	Premium Plus Lite	550	2%CC+1/4# Flocele
					Premium	400	1%CC, 7% EA-2, 6% Halad-322, 15% Salt
					Premium Plus Lite	440	1/2#/sk D-Air

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

No Additives

Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			

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)	
4	5588-5594'		N/A	

<b>TUBING RECORD</b>	Size <u>2.375" 4.7#</u>	Set At <u>J-55 EUE T&amp;C 5668'</u>	Packer At <u>5668'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumed Production, SWD or Inj	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil <u>154 BOPD</u>	Gas <u>628 MCFD</u>	Water <u>Mcf</u>	Gas-Oil Ratio <u></u> Gravity <u></u>

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 5588-5594'

(If vented, submit ACO-18)

Formations (Continued) Brian Daniel #1-34

Name	Top
Cherokee	4589'
Morrow	5121'
Chester	5531'
St. Genevieve	5561'
St. Louis	5661'

ORIGINAL  
15-187-20787

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 09 1996

CONSERVATION DIVISION  
TOPEKA, KS

DRILLERS LOG

AMOCO PRODUCTION COMPANY  
BRIAN DANIEL 1-34  
SECTION 34-T29S-R40W  
STANTON COUNTY, KANSAS

ORIGINAL

15-187-20787

COMMENCED: 08-29-95  
COMPLETED: 09-09-95

SURFACE CASING: 1616' OF 8 5/8" CMTD  
W/550 SKS PREMIUM PLUS LITE + 2% CC + 1/4  
#/SK FLOCELE. TAILED IN W/ 150 SKS  
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

FORMATION	DEPTH
SURFACE HOLE	0 - 1616
RED BED	1616 - 2370
RED BED & ANHYDRITE	2370 - 2655
SHALE & LIMESTONE	2655 -5725 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*

WRAY VALENTINE

STATE OF KANSAS : ss:

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

JOLENE K. RUSSELL

*Jolene K Russell*

NOTARY PUBLIC



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FEB 09 1996

CONSERVATION DIVISION  
WICHITA, KS



**JOB LOG** HAL-2013-C

CUSTOMER: Amoco Prod. WELL NO.: 1-34 LEASE: BR. AN OAKVILLE JOB TYPE: 8 1/2 surface TICKET NO.: 511965

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	06.30							Call'd of Ready @ Now
	10.45							on loc still PRtg ORIGINAL Safety mat up
	17.30							16ft up head & manipulated & v.r.
	17.50	5	5			250		Pump Fw
	17.52	6	203			250		mis lead connected
	18.22	6	35			250		mis TA1 connected
	18.31							Release plug
	18.33							short D. replacement
		6						low rate down
	18.55		98			500		plug down
	18.57							cl fit ok
								OK 160 sk ✓

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CONSERVATION DIVISION  
WICHITA, KS

CUSTOMER



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid-Continent  
Liberal

BILLED ON TICKET NO. 511965

## WELL DATA

FIELD \_\_\_\_\_ SEC. 34 TWP. 22S RING. 40W COUNTY Stanton STATE Kansas

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>01</u>	<u>28</u>	<u>8 7/8</u>	<u>0</u>	<u>1618</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-30-95</u>	DATE <u>8-30-95</u>	DATE <u>8-30-95</u>	DATE <u>8-30-95</u>
TIME <u>06:30</u>	TIME <u>10:45</u>	TIME <u>17:50</u>	TIME <u>18:55</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. Boone</u>	<u>47891</u>	<u>Liberal</u>
<u>H. Tredora</u>	<u>56623</u>	<u>"</u>
<u>J. Wilson</u>	<u>H 2442</u>	<u>Hugoton</u>
<u>G. M. Taylor</u>	<u>C5255</u>	<u>"</u>

DEPARTMENT Contract  
 DESCRIPTION OF JOB seam at 1618' of 8 7/8 casing

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

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR K. Boone COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>550</u>	<u>P<sup>1</sup> H<sup>1</sup></u>		<u>B</u>	<u>1/4" Flocc 2 1/2 cups</u>	<u>2.06</u>	<u>12.3</u>
	<u>150</u>	<u>PT</u>		<u>B</u>	<u>2 1/2 cups, 1/4" Flocc</u>	<u>1.32</u>	<u>4.8</u>

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. 5 TYPE 4/0  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 92  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 202 - 35  
 HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

## REMARKS

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET 42 REASON shoe joint

CUSTOMER Hugoton Prod.  
 LEASE BRAND PAVEL  
 WELL NO. 134  
 JOB TYPE 8 7/8 508 ft  
 DATE 8-30-95



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO: Amoco Prod.  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No. **811965 - 0**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>L. beam 025540</u>	WELL/PROJECT NO. <u>1-34</u>	LEASE <u>Beau Daniel</u>	COUNTY/PARISH <u>Stanton</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>8-30-95</u>	OWNER <u>Amoco Prod.</u>
2. <u>Hugotau 025535</u>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <u>Ch...</u>	RIG NAME/NO. <u>27</u>	SHIPPED VIA	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	INVOICE INSTRUCTIONS						
REFERRAL LOCATION							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
600-117		1			MILEAGE	48	m			2.25	132.00
661-016		1			Rimp charge		ft				1320.00
630-010		1			Top Rubber Plug	1	EA	5%			170.00
04A	815.19502	1			Insert. 5ft valve	1	EA	5%			154.00
27	815.19415	1			Auto F. Rig Assy.	1	EA	8%		1.50	255.00
40	806.161048	1			Containers	4	EA	3%			268.80
350	890.10802	1			Weld. A	1	lb				14.50

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 KANSAS CORPORATION COMMISSION  
 FEB 09 1996  
 CONSERVATION DIVISION  
 WICHITA, KS

<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY</b> provisions.  MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  <b>X</b> 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	<b>SURVEY</b> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE <input type="checkbox"/>	PAGE TOTAL <u>2082.50</u>	
	TYPE LOCK _____ DEPTH _____ BEAN SIZE _____ SPACERS _____	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input type="checkbox"/>	WE UNDERSTOOD AND MET YOUR NEEDS? <input type="checkbox"/>	FROM CONTINUATION PAGE(S) <u>10,270.00</u>
	TYPE OF EQUALIZING SUB. _____ CASING PRESSURE _____	OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input type="checkbox"/>	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input type="checkbox"/>	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>12,157.50</u>
	TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____ TREE CONNECTION _____ TYPE VALVE _____	ARE YOU SATISFIED WITH OUR SERVICE? <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
	<b>X</b>	<u>Keith Bruce</u>	<u>47841</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.





HALLIBURTON

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 811965

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER <i>Amolo</i>	WELL <i>Brian Daniel</i>	DATE <i>8-30-95</i>	PAGE <i>2</i>	OF <i>2</i>
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF		QTY.	U/M				
<i>504-050</i>	<i>516-00265</i>				<i>Premium Plus Cement</i>	<i>150</i>	<i>SK</i>	<i>11.51</i>	<i>1726.50</i>		
<i>504-130</i>					<i>Premium Plus Light Cement</i>	<i>550</i>	<i>SK</i>	<i>10.52</i>	<i>5801.00</i>		
<i>504-050</i>	<i>516-00265</i>					<i>358</i>	<i>SK</i>				
<i>506-05</i>	<i>516-00346</i>					<i>14208</i>	<i>LLB</i>				
<i>506-177</i>	<i>516-00379</i>					<i>29</i>	<i>SK</i>				
<i>507-406</i>	<i>516-00312</i>				<i>Column Cement 1/2 / 7000</i>	<i>12</i>	<i>SK</i>	<i>36.75</i>	<i>441.00</i>		
<i>507-210</i>	<i>516-00311</i>				<i>3/4 1/2 # / 7000</i>	<i>175</i>	<i>LB</i>	<i>1.65</i>	<i>288.75</i>		
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;">ORIGINAL</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em; font-weight: bold;">           RECEIVED            KANSAS CORPORATION COMMISSION            FEB 9 1996            CONSERVATION DIVISION            WICHITA, KS         </div> </div>											
<i>510-067</i>					SERVICE CHARGE	CUBIC FEET		<i>736</i>	<i>1.35</i>	<i>993.60</i>	
<i>510-306</i>					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	<i>791.736</i>	<i>95</i>	<i>752.15</i>

No. B 211757

CONTINUATION TOTAL 10,070.00



JOB LOG HAL-2013-C

CUSTOMER Amoco Production WELL NO. 1# LEASE BRIAN Dovich JOB TYPE 1 1/2 Prod Stage 2 DV TICKET NO. 881177

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							Time Colled
	0700							Time Ready
	0600							Time on h/c.
	0745							Start Pump casing ORIGINAL
	0950							Casing in Hole
	0951							Hook up to Circulate Casing
	1000							Circulate Casing w/ pump
	1001							Circulate Mud to Ground level
	1030							Hook up to Pump Truck + Mud line
	1038	5.5				450		Start Mixing Cement
	1054	/	96.1			300		Finish Mixing Cement
	1055	/				300		Shut Down Deep Plug
	1058	5.2	143.39			150		Start Displacement
	1115	/	146.71			900/1500		Plug Down Float Held
	1118							Circulate Fluid Thru out JOB
	1133		10			1300		Deep Boom
	1135							Pressup open DV Tool Circ. Mud.
	1600							Hook up to Pig Pump + Circulate Casing 14 hrs.
	1603	6.3				2 Stage 300		Hook up to Pump Truck
	1625	/	160.64			250		Start Mixing Cement
	1626	/				250		Finish Mixing Cement
	1630	5						Shut Down Deep Plug
	1645	Aug 3	146.76			150		Start Displacement
						2000		Plug Down 1100 Pressup Close DV Tool
								Release Press + Hold

RECEIVED KANSAS CORPORATION COMMISSION FEB 09 10:06 CONSERVATION DIVISION WICHITA, KS

Thanks For Calling

Halliburton

Dennis Coon

Energy

We Have another 'Cookout' soon!

Circulate Cement to the PT 5 BBL / 114 ST



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

1111d Cont.  
Liberal, KS

BILLED ON TICKET NO. 881176

## WELL DATA

FIELD \_\_\_\_\_ SEC. 314 TWP. 29 RNG. 40<sup>W</sup> COUNTY STOUT 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 DV Cement 2 stage SET AT 2941  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		10 <sup>s</sup>	1 1/2	KB	5710	
LINER						
TUBING						
OPEN HOLE			7 7/8		5725	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-9-</u>	DATE <u>9-9</u>	DATE <u>9-9</u>	DATE <u>9-9</u>
TIME <u>5300</u>	TIME <u>5600</u>	TIME <u>6950</u>	TIME <u>1645</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>OGARD</u>	<u>420041</u>	<u>Liberal Ks</u>
<u>HTedders</u>	<u>59179</u>	<u>"</u>
<u>SProtec 1800</u>	<u>5623</u>	<u>"</u>
<u>6 Kintore</u>	<u>5737</u>	<u>Horton Ks</u>
<u>SProtec</u>	<u>69613</u>	<u>"</u>
<u>SProtec</u>	<u>69613</u>	<u>"</u>

## TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLGAT COLLAR <u>1 1/2</u>	<u>1</u>	<u>Hanco</u>
PISTON SHOE <u>1 1/2</u>	<u>1</u>	<u>Hanco</u>
GUIDE SHOE <u>1 1/2</u>	<u>1</u>	<u>Hanco</u>
CENTRALIZERS	<u>15</u>	<u>"</u>
BOTTOM PLUG <u>DV 2 stage</u>	<u>1</u>	<u>UNIT</u>
TOP PLUG <u>SET</u>	<u>1</u>	<u>UNIT</u>
HEAD	<u>1</u>	<u>"</u>
PACKER <u>ROCKET</u>	<u>1</u>	<u>"</u>
OTHER <u>Hanco weld A</u>	<u>1</u>	<u>LB</u>

### MATERIALS

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB 03 1995  
DIVISION  
LIBERAL, KS

DEPARTMENT Cement  
DESCRIPTION OF JOB 1 1/2 Prod Stage

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

CUSTOMER REPRESENTATIVE X  
HALLIBURTON OPERATOR Dennis Corick  
COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./6K.	MIXED LBS./GAL.
<u>1</u>	<u>400</u>	<u>Premium</u>			<u>1% CL, 7% EA 2, 6% Holoch 31.2, 15% Salt</u>	<u>1.35</u>	<u>15.8</u>
<u>2</u>	<u>440</u>	<u>Premium</u>	<u>UNIT</u>		<u>1 1/2% Dgite</u>	<u>2.05</u>	<u>12.3</u>

### PRESSURES IN PSI

### SUMMARY

### VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESFLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 90 15  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 1 stage 90 15  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. 2 stage 110 64  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS \_\_\_\_\_  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 14008 REASON See Permit

CUSTOMER: Amoco Production Lease  
LEASE: Brian Daniels  
WELL NO.: 17  
JOB TYPE: 1 1/2 Prod 2 Stage  
DATE: 9-9-95



TICKET CONTINUATION

CUSTOMER COPY

28

TICKET No. 891176

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER Amoco Production	WELL Brian Daniel #1	DATE 09-09-05	PAGE 2	OF 4
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M		
504-043	516.00272				Premium Cement	400	sk	11 55	4620 00
504-120					Premium Plus Lite Cement	440	sk	10 56	4646 40
504-050	516.00265					286	sk		
506-105	516.00286					11396	1b		
506-121	516.00259					23	sk		
507-775	516.00144				Halad-322 .67W/ 400	226	1b	7 00	1582 00
507-970	70.15764				D-Air 1 .25W/ 400	100	1b	3 25	325 00
508-127	890.50131				RA-2 1/2W/ 7W/ 400	26	sk	25 90	673 40
509-406	890.50812				Calcium "Chloride 17W/ 400	4	sk	36 75	147 00
509-968	516.00315				Granulated Salt 51W/ 400	2876	1b	15	431 40
SERVICE CHARGE					CUBIC FEET	924		1 35	1247 40
					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	
500-207									
500-306									

ORIGINAL

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 FEB 09 1906  
 DIVISION OF REGISTRATION  
 WICHTA 18

No. B 209792

CONTINUATION TOTAL 14633 59



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

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

CUSTOMER COPY

TICKET

No.

881177 - 0

PAGE 1 OF

SERVICE LOCATIONS 125540 <i>Luau-1 Ks</i> 25535 <i>Horton Ks</i>	WELL/PROJECT NO. 1#	LEASE <i>Brian David Stanton</i>	COUNTY/PARISH <i>Stanton</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>9-9-95</i>	OWNER <i>Amoco</i>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Chapman Dalg</i>	RIG NAME/NO.	SHIPPED VIA <i>Loc</i>	DELIVERED TO	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY <i>01 03</i>	JOB PURPOSE <i>035 1 1/2 Prod Stage</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
000-117		1			MILEAGE	174		2	75	478.50
007-013		1			Pump charge	5725	1			2000.00
007-161		1			Additional Stage	2941	1			1140.00
12 A	825-201	1	ORIGINAL		Guide shoe	1	EXC	4 1/2	95	95.00
410	806-60004	1	ORIGINAL		Centralizers	15			50	750.00
71	813-80100	1	ORIGINAL		DV Cementec	1			2474	2474.00
75	813-16410	1	ORIGINAL		DV Plug Set	1			450	450.00
320	806-71415	1	ORIGINAL		Bucket	1			85	85.00
594	801-03234	1	ORIGINAL		Latch Down Baffle	1			100	100.00
595	809-81300	1	ORIGINAL		Latch Down Plug	1			445	445.00
350	890-10802	1	ORIGINAL		Hewlett weld A	1	KB		1450	1450.00

RECEIVED  
 INSTRUMENT PROTECTION DIVISION  
 FEB 09 1996

**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

*Co. Rep. For Amoco*

*X S. C. ...*  
 DATE SIGNED: *9-9-95*  
 TIME SIGNED:  A.M.  P.M.

do  do not require IPC (Instrument Protection).  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
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					8292
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S)
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					14633
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					Field Total
WELL DEPTH	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE?		<input type="checkbox"/> YES	<input type="checkbox"/> NO		22925
TREE CONNECTION		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					59

**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	<i>Devin Carr</i>	<i>Devin Carr</i>	59179	

## 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.