

ORIGINAL

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
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 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. _____
7-19-95 7-20-95 7-20-95
Spud Date Date Reached TD Completion Date

API No. 15 - 129-21393-0000
County Morton
SW - NE - NE Sec. 23 Twp. 32S Rge. 41 East West
4030 Feet from S (circle one) Line of Section
1250 Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW, or SW (circle one)
Lease Name Lemon Gas Unit /C/ Well # 2HI
Field Name Hugoton
Producing Formation Dry
Elevation: Ground 3389' KB 3395'
Total Depth 558' PBTD N/A-Dry
Amount of Surface Pipe Set and Cemented at 360 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 LOST HOLE 8/8 5-10-96
(Data must be collected from the Reserve Pit)
Not Utilized-Rig was skidded and pit is being used
on Lemon Gas Unit C#3
Chloride content _____ ppm Fluid Volume _____ bbls

Dewatering method used _____
Location of fluid disposal if hauled offsite: **RECEIVED**
KANSAS CORPORATION COMMISSION
9-18-95
Operator Name _____ SEP 18 1995
Lease Name _____ License No. _____
Quarter Sec. _____ Twp. **CONSERVATION DIVISION**
WICHITA, KS E/W
County _____ 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 Juan R. Potts
Title Senior Staff Assistant Date September 13, 1995
Subscribed and sworn to before me this 13th day of September, 1995
Notary Public Denise 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 Lemon Gas Unit /C/

Well # 2HI

County Morton

Sec. 23 Twp. 32S Rge. 41

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 405' KB
Chase Top 2248'
Council Grove 2582'

List All E. Logs Run: None Ran

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	360'	Premium Plus MidCon3	100 90	2%CC+1/4# Flocele 3%CC+1/4# Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
	Dry				

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
None							
Date of First Resumed Production, SWD or Inj			Producing Method				
Dry			<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:

METHOD OF COMPLETION

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Production Interval
Dry
 Other (Specify) _____

(If vented, submit ACO-18)



JOB LOG HAL-2013-C

CUSTOMER Amoco Production	WELL NO. 211E	LEASE LEMON G. U	JOB TYPE 8 5/8 SURFACE	TICKET NO. 812159
------------------------------	------------------	---------------------	---------------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2331							JOB READY ORIGINAL
	1730							called out for job
	2230							pump truck + bulk truck on location
	2245							RIG STILL DRILLING - SET UP PUMP TRUCK
	0215							RIG THROUGH CUTTING 558' OF 12 1/4 HOLE
	0100	9.20	95					ON BOTTOM CIRCULATING
	0225							START JAWING DOWN DRILL PIPE
	0230							START RUNNING 8 5/8 CSG & FIT EQUIP
	0240							CASING ON BOTTOM 500'
								HOOK UP KELLY + CIRCULATE WITH RIC PUMP
								THROUGH CIRCULATING - HOOK UP 8 5/8 PIC
								+ CIRCULATING FROM.
								HOLD SAFETY MEETING
								JOB PROCEDURE
	0245	6.0	51.0			0-95'		START MIXING TO SKS LEAD CNT 11.1 ^{LB} /GAL
	0254	6.0	23.5			0-105'		START MIXING TAIL CEMENT 14.8 ^{LB} /GAL
	0257		79.5					INDEX 53 BBLS OF CEMENT - HALF
								CEMENT - RETURNS TO SURFACE -
								PROBABLY HOLES IN CSG OR PARTED
						0-60'		THROUGH MIXING CEMENT - SHUT DOWN
								RELEASE PLUG
	0302	6.0				0-100'		START DISPLACING PUMPED 325 BBLS
	0315		32.8					PLUG DID NOT LAND.
								RELEASE FLOAT - FLOAT DID NOT HOLD
	0320		35.0			0-60'		PUMP 4 BBLS OVER PERFECT DISPLACEMENT
								PLUG DID NOT LAND ON FLOAT.
								RELEASE BACK TO PREVIOUS D.C.P. 31.2 BBLS
								SHUT IN PIC & MANIFOLD
								GOING TO LET CNT SET UP -
								+ DRILL OUT PLUG.
	0400							RELEASE CNT

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 18 1995
CONSERVATION DIVISION
WICHITA, KS

THANK YOU!
WOODY + TYCE



JOB SUMMARY

HALLIBURTON DIVISION mid continent Area
 HALLIBURTON LOCATION Liberal, KS.

BILLED ON: 8/2/95
 TICKET NO. 517154

WELL DATA

FIELD Hugoton SEC. 23 TWP. 32 RING. 41W 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	<u>W</u>	<u>20</u>	<u>5 7/8</u>	<u>10</u>	<u>500</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-19-95</u>	DATE <u>7-19-95</u>	DATE <u>7-20</u>	DATE <u>7-20</u>
TIME <u>1930</u>	TIME <u>2230</u>	TIME	TIME

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert 5 7/8</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>Fill Tube 5 7/8</u>	<u>1</u>	
GUIDE SHOE		<u>0</u>
CENTRALIZERS <u>SH 5 7/8</u>	<u>3</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>SW 5 7/8</u>	<u>1</u>	
HEAD <u>P.L. 5 7/8</u>	<u>1</u>	<u>L</u>
PACKER		
OTHER		<u>0</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u>	<u>420044</u>	<u>Liberal</u>
<u>62573</u>	<u>P.O.</u>	<u>KS.</u>
<u>T. Davis</u>	<u>52276</u>	<u>"</u>
<u>F4550</u>	<u>70400</u>	<u>"</u>
<u>D. Williams</u>	<u>52920</u>	<u>Hugoton</u>
<u>5-7090</u>	<u>75817 Bulk</u>	<u>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 Camont

DESCRIPTION OF JOB Camont 8 7/8 surface CSY

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR J. Woodrow

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>90</u>	<u>mid con 3</u>		<u>B</u>	<u>3% cc 1/4" Flocc</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>100</u>	<u>perm plus</u>		<u>B</u>	<u>2% cc 1/4" Flocc</u>	<u>1.32</u>	<u>14.8</u>

RECEIVED

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 41.67 REASON Shoe Joint

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 37.6
 CEMENT SLURRY: BBL.-GAL. 51.6 L.C. 735 P.C.
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

GAUG MDS SURFIS TO MR. SAN CAMONT

CUSTOMER Amoco
 LEASE Loman G.W. "C"
 WELL NO. 241
 JOB TYPE 5 7/8 Surface CSY
 DATE 7-19-95



HALLIBURTON

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 812154

74

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER Amaco Production	WELL Lemon G.U. "C" 2HT	DATE 07-19-95	PAGE 74	OF 74
------------------------------	----------------------------	------------------	------------	----------

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF									
504-050	516.00265				Premium Plus Cement	100	sk			11.19	1191	00	
504-282					Midcon	90	sk			16.39	1475	10	
507-210	890.50071				Focele 1/4W/ 190	48	lb			1.65	79	20	
509-406	890.50812				Calcium Chloride 3%W/ 90 2%W/ 100	5	sk			36.75	183	75	
SERVICE CHARGE													
500-207													
500-306													
					MILEAGE CHARGE	TOTAL WEIGHT	18646	LOADED MILES	28	CUBIC FEET	208	1.35	280.80
										TON MILES	261.044	95	247.99

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 18 1995

CONSERVATION DIVISION
MICHIGAN

No. B 209652

CONTINUATION TOTAL	3457 84
--------------------	---------



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
Amoco Production

ADDRESS

CITY, STATE, ZIP CODE

DUNCAN COPY.

TICKET

No. 812154 - 2

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>025540 LIBERAL</i>	WELL/PROJECT NO. <i>2 HI</i>	LEASE <i>LEMON G.U.</i>	COUNTY/PARISH <i>MORTON</i>	STATE <i>KS</i>	CITY/OFFSHORE LOCATION <i>RICHMOND</i>	DATE <i>7-20-95</i>	OWNER <i>SAMI</i>
2. <i>025535 HUGOTON</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>CHRYSLER DRIG #8</i>	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>WELL SITE</i>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4:	<i>02 GAS</i>	<i>01 DEVELOPMENT</i>	<i>010" 8 5/8 SURFACE</i>		<i>LAND</i>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>000-117</i>		<i>1</i>			<i>MILEAGE</i>	<i>60</i>	<i>MI</i>	<i>2</i>	<i>1/4</i>	<i>2.75</i>	<i>330.00</i>
<i>001-016</i>		<i>1</i>	ORIGINAL		<i>PUMP CHARGE</i>	<i>500</i>	<i>FT</i>			<i>8.80</i>	<i>880.00</i>
<i>030-014</i>		<i>1</i>			<i>5" W TOP PLUG</i>	<i>1</i>	<i>1/4</i>	<i>8 5/8</i>	<i>IN</i>	<i>130.00</i>	<i>130.00</i>
<i>24A</i>	<i>815.19508</i>	<i>1</i>			<i>INSERT FRONT VALVE</i>	<i>1</i>	<i>1/4</i>	<i>8 5/8</i>	<i>1/4</i>	<i>150.00</i>	<i>150.00</i>
<i>27</i>	<i>815.19415</i>	<i>1</i>			<i>FILL UP ASSY</i>	<i>1</i>	<i>1/4</i>	<i>1.50</i>	<i>IN</i>	<i>NA</i>	<i>NA</i>
<i>40</i>	<i>806.61048</i>	<i>1</i>			<i>CENTRALIZERS</i>	<i>3</i>	<i>1/4</i>	<i>8 5/8</i>	<i>IN</i>	<i>65.00</i>	<i>195.00</i>
<i>350</i>	<i>890.10802</i>	<i>1</i>			<i>HUGO WELD A</i>	<i>1</i>	<i>1/4</i>	<i>1</i>	<i>LB</i>	<i>14.50</i>	<i>14.50</i>

RECEIVED
OPERATION 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 _____ 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 *1549 50*

FROM CONTINUATION PAGE(S) *3457 84*

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE *5007 34*

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

John Woodson

62573

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.