

FORM MUST BE TYPED

SIDE ONE

CONFIDENTIAL

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

API NO. 15- 075-20545-0000

ORIGINAL

County HAMILTON

C - W/2 - W/2 - SE Sec. 32 Twp. 21S Rge. 39 X W

Operator: License # 5952

Name: AMOCO PRODUCTION COMPANY

Address P. O. BOX 800 ROOM 925

City/State/Zip DENVER, CO 80201

Purchaser: 7-14-94

Operator Contact Person: ELLEN HARTZLER

Phone (303) 830-5130

Contractor: Name: CHEYENNE DRILLING

License: 5382 JUL 14 1994

Wellsite Geologist: None

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SLOW X Temp. Abd.  
Gas ENHR SIGW  
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

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

03/23/94 04/03/94 DELAYED  
Spud Date Date Reached TD Completion Date

1320 Feet from SYN (circle one) Line of Section

2500 Feet from E/W (circle one) Line of Section

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

Lease Name BARKER Well # 1-32

Field Name BRADSHAW

Producing Formation CHASE & COUNCIL GROVE

Completion: Ground 3465.31' KB 3476'

Completion 3473' PBT 3240'

Amount of Surface Pipe Set and Cemented at 2359 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes show depth set Feet

Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 1-10-95  
(Data must be collected from the Reserve Pit)

Chloride content 5800 ppm Fluid volume 2140 bbls

Dewatering method used DRIED AND FILLED

Location of fluid disposal if hauled offsite:

Operator Name NOV 1 1996

Lease Name JUL 13

Quarter Sec. Twp. 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 and correct to the best of my knowledge.

Signature A. Ellen Hartzler

Title SR. STAFF ASSISTANT Date 7/13/94

Subscribed and sworn to before me this 13th day of July 1994.

Notary Public Susan Callahan Commission Expires August 02, 1994

Date Commission Expires

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other (Specify)

SIDE TWO

Operator Name **AMOCO PRODUCTION COMPANY** Lease Name **BARKER** Well # **1-32**

Sec. **32** Twp. **21S** Rge. **39**  East  West County **HAMILTON**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run:  
 DIL, HRI, SDL-DSN, MIRCO, LSS, CSNG

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum  
 Herrington 2713 KB  
 Council Grove 2934  
 Admire 3997

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	2359	Lite/Class C	800/200	2% CACL2/1/4 #/SK FLOCELE
Production	7 7/8"	5 1/2"	14	3473	Lite/Class C	220/265	1/4#/SK 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
4	3311-3324'; 3087-3107'; 2994-3014'; 2934-2962';	20% FE ACID X 1GAL/1000GAL HAI-60, 2GAL	3311-2778
	2878-2894'; 2860-2870'; 2802-2816'; 2762-2778';	/1000GAL SGAI1, 2 GAL/1000 GEL SS0-21	(SEE ATTACHED)

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

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

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

Disposition of Gas: **METHOD OF COMPLETION** Production Interval **2762' - 3324'**  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

API NO. 15-075-20545

WELL NAME: BARKER 1-32  
COUNTY: HAMILTON

**ORIGINAL  
CONFIDENTIAL**

3311-3324	0 GAL
3087-3107	1500 GAL
2994-3014	1500 FAL
2934-2962	2100 GAL
2878-2894	1200 GAL
2860-2870	750 GAL
2802-2816	1050 GAL
2762-2778	1200 GAL

*huc*  
**JUL 13  
CONFIDENTIAL**

**RELEASED  
NOV 1 1996  
FROM CONFIDENTIAL**

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**JUL 14 1994**

CONSERVATION DIVISION  
WICHITA, KS

DRILLERS LOG

CONFIDENTIAL  
ORIGINAL

AMOCO PRODUCTION COMPANY  
BARKER #1-32  
SECTION 32-T21S-R39W  
HAMILTON COUNTY, KANSAS

COMMENCED: 03-23-94  
COMPLETED: 04-03-94

SURFACE CASING: 2359' OF 8 5/8"  
CMTD W/800 SX LT "C", 2% C.C.,  
1/4#/SX FLO-CELE; TAILED IN W/  
200 SX "C", 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0-2359
ANHYDRITE	2359-2732
CHASE	2732-2970
COUNCIL GROVE	2970-3304
ADMIRE	3304-3473 RTD

RECEIVED  
KANSAS CORPORATION COMMISSION

JUL 14 1994

CONSERVATION DIVISION  
WICHITA, KS

RELEASED

NOV 1 1996

NOV

JUL 15  
CONFIDENTIAL

FROM CONFIDENTIAL

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

CHEYENNE DRILLING, INC.

A.J. JACQUES

STATE OF KANSAS :ss:

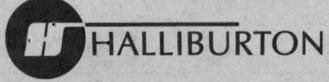
SUBSCRIBED AND SWORN TO BEFORE ME THIS 13TH DAY OF APRIL, 1994.

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

Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC





# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid cont.  
Liberal KS

BILLED ON TICKET NO. 575212

## WELL DATA

FIELD \_\_\_\_\_ SEC. 32 TWP. 21S RNG. 39W COUNTY Hamilton 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 Tight Hole MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	14	5 1/2			
LINER				Tight		
TUBING						
OPEN HOLE			7 3/8	110'		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		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>4-3-94</u>	DATE <u>4-3-94</u>	DATE <u>4-3-94</u>	DATE <u>4-3-94</u>
TIME <u>11:45</u>	TIME <u>15:30</u>	TIME <u>18:32</u>	TIME <u>20:00</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T Bohannan</u>	<u>52823</u>	<u>740076 PU, Liberal, Ks</u>
<u>K Boone</u>	<u>47891</u>	<u>52823 P, " "</u>
<u>D Corporation</u>	<u>4444</u>	<u>4734 B, Hugoton, Ks</u>
<u>R Martinez</u>	<u>4673</u>	<u>7620 B, " "</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 \_\_\_\_\_

**CONFIDENTIAL**

DEPARTMENT 5001

DESCRIPTION OF JOB RUG

035

**JUL 1 3**

**CONFIDENTIAL**

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

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR Tim Bohannan COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>220</u>	<u>MCC PL</u>		<u>D</u>	<u>4" blocks</u>	<u>2.06</u>	<u>12.3</u>
<u>2</u>	<u>265</u>	<u>Regrt</u>		<u>D</u>	<u>4" blocks</u>	<u>1.52</u>	<u>14.8</u>

### PRESSURES IN PSI

### SUMMARY

FROM CONFIDENTIAL

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 80.7 + 62.2

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

CUSTOMER

Amos P. P.

LEASE

B. H. K.

WELL NO.

1-32

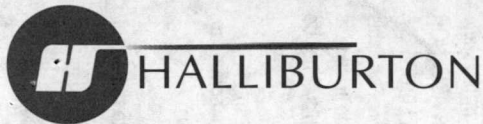
JOB TYPE

035

DATE

4-3-94





HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

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

COPY  
 TICKET No. 575212 - 0  
 PAGE 1 OF

SERVICE LOCATIONS

1. <u>1-32</u>	WELL/PROJECT NO. <u>1-32</u>	LEASE <u>Backer</u>	COUNTY/PARISH <u>Hamilton</u>	STATE <u>KC</u>	CITY/OFFSHORE LOCATION	DATE <u>4-3-94</u>	OWNER <u>Amc</u>
2. <u>23535</u>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Cheyenne</u>	RIG NAME/NO. <u>Cheyenne 3</u>	SHIPPED VIA	DELIVERED TO <u>Not Kendall ks</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO.	WELL LOCATION <u>32-213-39W</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-17</u>		1			MILEAGE	128	Mi	1	1/2	1.00	352.00
<u>001-216</u>		1			Pump Charge	3508	FT	6	1/2		1,545.00
<u>230-015</u>		1			5-w Plug	58	in	1	1/2		65.00
<u>5A</u>	<u>837.07100</u>	1			55II float shoe	58	in	1	1/2		225.00
<u>40</u>	<u>806.60022</u>	1			Controlizers	"	"	5	1/2		220.00
<u>350</u>	<u>890.10803</u>	1			Weld A	1	lb	1	1/2		14.50

ORIGINAL

CONFIDENTIAL

JUL 13  
CONFIDENTIAL

RELEASED

NOV 1 1996

FROM CONFIDENTIAL

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X

DATE SIGNED: 4-13-94 TIME SIGNED: 16:00  A.M.  P.M.

I  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	<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>2421</u>
TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
BEAN SIZE SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>10,198.90</u>
TYPE OF EQUALIZING SUB. CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
TUBING SIZE TUBING PRESSURE WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
	<input 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) <u>Sam Carmack</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X</u>	HALLIBURTON OPERATOR/ENGINEER <u>Tim Bohannon</u>	EMP # <u>87748</u>	HALLIBURTON APPROVAL <u>w/40% disc</u>	<u>6119.34</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.

**JOB LOG** FORM 2013 R-4

DATE	3-25-94	PAGE NO.	1
TICKET NO.	573910-7		

CUSTOMER	Amoco Prod	WELL NO.	1-32#	LEASE	Barber	JOB TYPE	8 1/2" Surface Casing
----------	------------	----------	-------	-------	--------	----------	-----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	07:00							On location, Sat 4/11/94
								<b>ORIGINAL</b>
	12:07	6			X	200		Lead Cmt
	12:57	6	273		X	200		Tail Cmt
	13:04	6	47		X	150		Shut Down, Drop Plug
	13:05	6			X	150		Drop
	13:30	3.5	140		X	600		Slow Rate
	13:32	3.5	146		X	620		Bump Plug, took to 1100psi, Shut Down
	13:33				X	0		Release P., 4 1/2" Holding
								Job Complete
								Circulated 70 Bbls Cmt
								NUL
								JUL 1 3
								CONFIDENTIAL
								CONFIDENTIAL
								RELEASED
								NOV 1 1996
								FROM CONFIDENTIAL

**WELL DATA**

FIELD \_\_\_\_\_ SEC. *32* TWP. *21* RNG. *39W* COUNTY *Halliburton* 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. *9.5*

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH *2359*

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>N</i>	<i>24"</i>	<i>9 7/8"</i>	<i>0</i>	<i>2310'</i>	
LINER						
TUBING						
OPEN HOLE			<i>12 1/4"</i>	<i>0</i>	<i>2359'</i>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

*Tight Hole ORIGINAL*

**JOB DATA**

TOOLS AND ACCESSORIES			CALLS OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
TYPE AND SIZE	QTY.	MAKE	DATE	DATE	DATE	DATE
FLOAT COLLAR <i>Excess 5/8"</i>	<i>1</i>		<i>3-25</i>	<i>3-25</i>	<i>3-25</i>	<i>3-25</i>
FLOAT SHOE <i>5/8" Pilot</i>	<i>1</i>		<i>01:00</i>	<i>07:00</i>	<i>12:07</i>	<i>13:33</i>
GUIDE SHOE		<i>Hisco</i>				
CENTRALIZERS	<i>5</i>	<i>8 1/2"</i>				
BOTTOM PLUG		<i>8 1/2"</i>				
TOP PLUG <i>Rubber Plug</i>	<i>1</i>					
HEAD <i>KOPC</i>	<i>1</i>					
PACKER <i>Limiting Clamp</i>	<i>1</i>					
OTHER <i>Wild A</i>	<i>1</i>					

**MATERIALS**

TREAT. FLUID **RELEASED** DENSITY \_\_\_\_\_ LB./GAL. °API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API \_\_\_\_\_

PROP. TYPE **NOV 1 1996** SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE **FROM CONFIDENTIAL** 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 \_\_\_\_\_

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<i>P. Matter</i>	<i>D-2701</i>	<i>41300</i>
<i>S. Reid</i>	<i>E-1140</i>	<i>4601</i>
<i>D. Wells</i>	<i>43198</i>	<i>HT-400</i>
<i>J. Jimenez</i>	<i>G-1900</i>	<i>45819</i>
<i>D. Williamson</i>	<i>G-3794</i>	<i>4135</i>
		<i>45133</i>
		<i>81K</i>
		<i>81K</i>
		<i>81K</i>

**CONFIDENTIAL**

DEPARTMENT *Cont*

DESCRIPTION OF JOB *8 1/2" Surface Casing, As per directed*

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

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR *Phillip S. Matter* COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<i>1</i>	<i>300</i>	<i>Premium Plus</i>	<i>MHC</i>	<i>B</i>	<i>2% CC, 1/4% SK 5/8"</i>	<i>2.06</i>	<i>12.3</i>
<i>1</i>	<i>200</i>	<i>Premium Plus</i>		<i>B</i>	<i>2% CC, 1/4% SK 5/8"</i>	<i>1.32</i>	<i>14.7</i>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. *1473 BBL*

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. *L-2935 T-41*

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET *4/3.54* REASON *Shut In*

**REMARKS**

*Circ 70 BBLs Cool Cont*

CUSTOMER: *Amoco*  
LEASE: *Barker*  
WELL NO.: *1-32*  
JOB TYPE: *8 1/2" Surface Casing*  
DATE: *3-25-96*



**HALLIBURTON**  
ENERGY SERVICES

**TICKET CONTINUATION**

COPY

TICKET No. *573910-7*

FORM 1911 R-8

CUSTOMER *Amoco Production* WELL *Baker 1-32* DATE *3-25-94* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOG	ACCT	DF									
<i>504-170</i>	<i>Nis. 837</i>	<i>1</i>				<i>HL C R</i>	<i>500</i>	<i>SK</i>				<i>8.31</i>	<i>4195.00</i>
												<i>8.55</i>	<i>6840.00</i>
<i>504-050</i>	<i>514 00265</i>	<i>1</i>				<i>Premium Plus Cont</i>	<i>200</i>	<i>sk</i>				<i>9.96</i>	<i>1992.00</i>
<i>509-406</i>	<i>890.50812</i>	<i>1</i>				<i>Calcium Chloride @ 2%</i>	<i>18</i>	<i>sk</i>				<i>28.22</i>	<i>508.50</i>
<i>507-210</i>	<i>890.50091</i>	<i>1</i>				<i>Fluocel @ 1/4" g/sk</i>	<i>250</i>	<i>16</i>				<i>1.40</i>	<i>350.00</i>
						<i>WELLS - 75819</i>							
						<i>Jimenez - 4135</i>							
						<i>Willingham - 75133</i>							
						<i>Hugoton AREA</i>							
<i>500-207</i>		<i>1</i>				SERVICE CHARGE							
<i>500-306</i>		<i>1</i>				MILEAGE CHARGE	<i>94</i>	<i>266</i>					
						TOTAL WEIGHT			<i>90</i>				
						LOADED MILES							
						CUBIC FEET			<i>1053</i>				
						TON MILES				<i>1241.97</i>			
												<i>1.35</i>	<i>1121.55</i>
												<i>.95</i>	<i>4029.89</i>

ORIGINAL

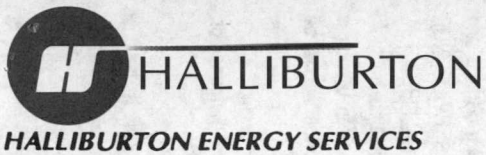
CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 13 1994  
CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 14 1994  
CONSERVATION DIVISION  
WICHITA, KS

RELEASED  
NOV 1 1996  
FROM CONFIDENTIAL

CONTINUATION TOTAL *15,141.92*



HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

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

COPY

TICKET

573910 - 7

PAGE 1 OF 2

1. SERVICE LOCATIONS	WELL/PROJECT NO. <u>1-32#</u>	LEASE <u>Barker</u>	COUNTY/PARISH <u>Hamilton</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>3-25-94</u>	OWNER <u>James</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <u>Chemur Drilling</u>	RIG NAME/NO. <u>3#</u>	SHIPPED <u>VIA</u>	DELIVERED TO <u>(location)</u>	ORDER NO.	
3. WELL TYPE <u>Gas</u>	WELL CATEGORY <u>OR-Drilling</u>	JOB PURPOSE <u>OID - Surface casing</u>	WELL PERMIT NO.	WELL LOCATION <u>W. Kendall Ks</u>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

RELEASED

1996

FROM CONFIDENTIAL

WUL

JUL 13

CONFIDENTIAL No.

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
200-117		1			MILEAGE Pump Trk	180				2.75	495.00
201-016		1			Pump Charge	236					1290.00
230-016		1			Top Rubber Plug	1			85/in		120.00
24A	815.19502	1			Insert Float	1			85/in		171.00
27	815.19415	1			Sillup Unit	1					55.00
40	806.61048	1			Control Valve	5			85/in	65.00	325.00
66	807.64056	1			Limit Clamp	1			85/in		13.75
350	890.10808	1			Weld-A	1					14.00
201-016		1			Additional H. Charge	1				235.00	235.00
					Tight Hole Liberal Area						

CONFIDENTIAL

ORIGINAL

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X

DATE SIGNED: 3-25-94 TIME SIGNED: 0700  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	<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>2719.85</u>
TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
BEAN SIZE SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>17861.17</u>
TYPE OF EQUALIZING SUB. CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
TUBING SIZE TUBING PRESSURE WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
	<input 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) <u>Sam Carmack</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X</u>	HALLIBURTON OPERATOR/ENGINEER <u>Phillip G. Matta</u>	EMP # <u>02101</u>	HALLIBURTON APPROVAL <u>W/40% disc. 10,716.70</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.

FORM MUST BE TYPED

SIDE ONE

CONFIDENTIAL ORIGINAL

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

API NO. 15- 075-20545 -0000

County HAMILTON

W/2 - W/2 - SE Sec. 32 Twp. 21S Rge. 39 X W

Operator: License # 5952

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

Name: AMOCO PRODUCTION COMPANY

2500 Feet from E/W (circle one) Line of Section

Address P. O. BOX 800 ROOM 925

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

City/State/Zip DENVER, CO 80201

Lease Name BARKER Well # 1-32

Purchaser:

Field Name BRADSHAW

Operator Contact Person: ELLEN HARTZLER

Producing Formation CHASE & COUNCIL GROVE

Phone (303) 830-5130

Completion: Ground 3465.31' KB 3476'

Contractor: Name: CHEYENNE DRILLING

Completion 3473' PBD 3240'

License: 5382

Amount of Surface Pipe Set and Cemented at 2359 Feet

Wellsite Geologist: None

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set \_\_\_\_\_ Feet

X New Well Re-Entry Workover

if Alternate II completion, cement circulated from \_\_\_\_\_

Oil SWD SOW X Temp. Abd.  
Gas ENHR SIGW  
Dry Other (Core, WSW, Expl., Cathodic, etc)

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

If Workover:

Drilling Fluid Management Plan ALT 1 9/24 1-10-95  
(Data must be collected from the Reserve Ppt)

Operator:

Chloride content 5800 ppm Fluid volume 2140 bbls

Well Name:

Dewatering method used DRIED AND FILLED

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

Deepening Re-perf. Conv. to Inj/SWD  
Plug Back PBD  
Commingle Docket No.  
Dual Completion Docket No.  
Other (SWD or Inj?) Docket No.

Operator Name

03/23/94 04/03/94 DELAYED  
Spud Date Date Reached TD Completion Date

Lease Name

Quarter Sec. Twp. 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 and correct to the best of my knowledge.

Signature N. Ellen Hartzler

Title SR. STAFF ASSISTANT Date 7/13/94

Subscribed and sworn to before me this 13<sup>th</sup> day of July, 1994.

Notary Public Susan Callahan Commission Expires August 02, 1994

Date Commission Expires \_\_\_\_\_

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

FORM MUST BE TYPED

SIDE ONE

CONFIDENTIAL ORIGINAL

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

API NO. 15- 075-20545-0006

County HAMILTON

C - W/2 - W/2 - SE Sec. 32 Twp. 21S Rge. 39 X W

Operator: License # 5952

Name: AMOCO PRODUCTION COMPANY

Address P. O. BOX 800 ROOM 925

City/State/Zip DENVER, CO 80201

Purchaser:

Operator Contact Person: ELLEN HARTZLER

Phone (303) 830-5130

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: None

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SLOW X Temp. Abd.  
Gas ENHR SIGW  
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

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

03/23/94 04/03/94 DELAYED  
Spud Date Date Reached TD Completion Date

RECEIVED

JUL 14 1994

CONSERVATION DIVISION  
WICHITA, KS

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

2500 Feet from E/W (circle one) Line of Section

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

Lease Name BARKER Well # 1-32

Field Name BRADSHAW

Producing Formation CHASE & COUNCIL GROVE

Completion: Ground 3465.31' KB 3476'

Completion 3473' PBTD 3240'

Amount of Surface Pipe Set and Cemented at 2359 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 9/2 1-10-95  
(Data must be collected from the Reserve Pkt)

Chloride content 5800 ppm Fluid volume 2140 bbls

Dewatering method used DRIED AND FILLED

Location of fluid disposal if hauled offsite:

Operator Name NUL

Lease Name JUL 13

Quarter Sec. Twp. E/W

County Docket No. CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature N. Ellen Hartzler

Title SR. STAFF ASSISTANT Date 7/13/94

Subscribed and sworn to before me this 13th day of July 1994.

Notary Public Susan Callahan Commission Expires August 02, 1994

Date Commission Expires

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other (Specify)