

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

API NO. 15- 187-20856-0000

County Stanton ORIGINAL

C - SE - NW Sec. 34 Twp. 29S Rge. 40 X W

1980 Feet from S (N) (circle one) Line of Section

1980 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 Brianna Kylie Well # 1-34

Field Name Little Arrow

Producing Formation N/A-Dry

Elevation: Ground 3267.39' KB 3280'

Total Depth 5750' 5710' PBDT 2900'

Amount of Surface Pipe Set and Cemented at 1723 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan D&A 87 3-19-97
(Data must be collected from the Reserve Pit)

Chloride content 1800 ppm Fluid volume 3000 bbls

Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite: KCC

Operator Name OCT 25

Lease Name License No. CONFIDENTIAL

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 5952

Name: Amoco Production Company

Address PO Box 800 Room 924

City/State/Zip Denver, CO 80201

Purchaser: N/A

Operator Contact Person: Susan R. Potts

Phone (303) 830-5323

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: Ken LeBlanc

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

X 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 PBDT

Commingle Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

9/24/96 10/2/96 10/3/96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Susan R. Potts

Title Senior Staff Assistant Date 10/25/96

Subscribed and sworn to before me this 25 day of October 19 96

Notary Public

Date Commission Expires January 4, 1997

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)

1070 BROADWAY
DENVER, CO 80201

RECEIVED
KANSAS CORPORATION COMMISSION

Form ACO-1 (7-91)

RELEASED

OCT 28 1996

MAR 23 1998

CONSERVATION DIVISION
WICHITA, KS

FROM CONFIDENTIAL

CONFIDENTIAL

Operator Name Amoco Production Company Lease Name Brianna Kytte Well # 1-34

Sec. 34 Twp. 29S Rge. 40
 East
 West

County Stanton

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

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	2222'	KB
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	2512'	
		Base Heebner	3684'	
		Lansing	3741'	
		Marmaton	4368'	
		Cherokee	4548'	
		Morrow	5074'	
		Chester	5438'	
		Ste. Genevieve	5458'	
		St. Louis	5560'	

List All E.Logs Run: Complex Lithology Analysis, High Resolution Induction, Spectral Density Dual Spaced Neutron II EVR

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	12.25"	8.625"	28	1723'	Premium Plus	Lite 520	2%CC+1/4#Flocele
					Premium Plus	150	2%CC+1/4#Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
N/A				

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

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled DRY

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

RELEASED

MAR 2 1988

CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

AMOCO PRODUCTION COMPANY
BRIANNA KYLIE 1-34
SECTION 34-T29S-T40W
STANTON COUNTY, KANSAS

15-187-20856

COMMENCED: 09-24-96
COMPLETED: 10-04-96

SURFACE CASING: 1723' OF 8 5/8" CMTD
W/520 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 - 1723
ANHYDRITE	1723 - 1763
RED BED	1763 - 2320
LIMESTONE & SHALE	2320 - 3571
LANSING	3571 - 4250
MARMATON	4250 - 4435
CHEROKEE & MARMATON	4435 - 4575
CHEROKEE	4575 - 4901
CHESTER & MORROW	4901 - 5020
MORROW	5020 - 5413
MORROW & CHESTER	5413 - 5495
ST. GENEVIEVE	5495 - 5590
ST. LOUIS	5590 - 5710 RTD

KCC
OCT 25
CONFIDENTIAL

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

CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4TH DAY OF OCTOBER, 1996



JOLENE K. RUSSELL

NOTARY PUBLIC

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 28 1996

CONSERVATION DIVISION
WICHITA, KS

RELEASED

MAR 23 1998

FROM CONFIDENTIAL



JOB LOG HAL-2013-C

CUSTOMER Amoco	WELL NO. 1-34	LEASE BRI-MAR-Ky lis.	JOB TYPE 010	TICKET NO. 106053
-------------------	------------------	--------------------------	-----------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1330							Called out - Requested now
	1630							on loc - Drilling
								Rig-up - SAFETY MEETING
	1650							T.O. H.
	1830							RUN CSQ ORIGINAL
	2050							ON Bottom
	2055							hooked-up and circulating
	2105							Hook up to CRTI + SAFETY MEETING
	2100 - 6	190			✓		↑ 0/142	Pump lead @ 520 sks
	2140	35			✓		150	Pump fail @ 150 sks
	2145 - 0						↓ 150	Shut down - Drop plug
	2147 0 - 6	105			✓		↑ 0/500	Pump Displ.
	2205 6 - 2				✓		500/400	Reduce RATE
	2212 2 - 0				✓		500/900	Plug Down @ 107 bbls
	2214				✓		90%	Release Press - Float "held"
								Cement to Surface
								Approx. 50 bbls on 136 sks
								Thank you!
								Tom & Robert + CREW
								RECEIVED
								KANSAS CORPORATION COMMISSION
								RELEASED
								OCT 28 1996
								MAR 23 1998
								CONSERVATION DIVISION
								WICHITA, KS
								FROM CONFIDENTIAL



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid Continent
Liberal KS

BILLED ON TICKET NO. *106853*

WELL DATA

FIELD _____ SEC. *34* TWP. *27s* RNG. *40w2* COUNTY *Stanton* 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>11</i>	<i>28</i>	<i>8 5/8</i>	<i>KB</i>	<i>1721</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>9-25-96</i>	DATE <i>9-25-96</i>	DATE <i>9-25-96</i>	DATE <i>9-25-96</i>
TIME <i>1330</i>	TIME <i>1630</i>	TIME <i>2107</i>	TIME <i>2214</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>T. Poyer</i>	<i>420042</i>	<i>Liberal KS</i>
<i>R. Elwood</i>	<i>585282</i>	<i>"</i>
<i>J. Slam</i>	<i>44787</i>	<i>Bulk Hopton</i>
<i>W. Elwood</i>	<i>5809510</i>	<i>Bulk Hopton</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>in. 8 5/8</i>	<i>1</i>	<i>Houston</i>
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS <i>1 1/2</i>	<i>4</i>	
BOTTOM PLUG <i>2 1/2</i>		
TOP PLUG <i>5 1/2</i>	<i>1</i>	
HEAD <i>P.O.</i>		
PACKER		
OTHER <i>weld 11</i>	<i>1</i>	

MATERIALS

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

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

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT *5001* **CONFIDENTIAL**

DESCRIPTION OF JOB _____

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

CUSTOMER REPRESENTATIVE **X**

HALLIBURTON OPERATOR *Tom Poyer* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>520</i>	<i>C.H. wt</i>	<i>1</i>	<i>B</i>	<i>1/2% Flocc, 2% CC</i>	<i>2.00</i>	<i>12.3</i>
	<i>150</i>	<i>0" WT</i>		<i>B</i>	<i>" "</i>	<i>1.32</i>	<i>14.8</i>

RECEIVED

PRESSURES IN PSI KANSAS CORPORATION SUMMARY

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT *OCT 28 1996*

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____

HYDRAULIC HORSEPOWER _____

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. *104.7*

CEMENT SLURRY: BBL.-GAL. *192 + 35*

TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET *42.75* REASON *Spore Joint*

REMARKS

CUSTOMER *Ameno Prod.*
LEAD *Barbara Kyle*
WELL NO. *1-31*
JOB TYPE *010*
DATE *9-25-96*



HALLIBURTON ENERGY SERVICES

J.T.

CUSTOMER Anoco Production

WELL Brianna Kylie 1-34

DATE 09-25-96

PAGE 2 OF 7

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M				
504-120					Halliburton Light Premium Plus Cement	520	skcs			11	12	5782	40
504-050	516.00265												
506-105	516.00286												
507-277	516.00259												
504-050	516.00265				Premium Plus Cement	150	skcs			12	62	1893	00
509-406	890.50812				Calcium Chloride 2%w/670	12	skcs			40	75	489	00
507-210	890.50071				Flocalc 1/2w/670	168	lbs			1	65	277	20
500-207					SERVICE CHARGE								
						CUBIC FEET	705			1	135	951	175
500-306					MILEAGE CHARGE	TOTAL WEIGHT	63182	LOADED MILES	53	TON MILES	1674.323	1	05
												1758	04

CONFIDENTIAL

ORIGINAL

RELEASED
MAR 23 1998
FROM CONFIDENTIAL

OCT 25
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 28 1996
CONSERVATION DIVISION
-WIGHT- KS-



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO: *Ammono Production*

ADDRESS: *1330*

CITY, STATE, ZIP CODE: *MO 64505*

CUSTOMER COPY

TICKET

No.

106053 - 2

PAGE 1 OF 2

SERVICE LOCATIONS

1. *255210* WELL/PROJECT NO. *1-24* LEASE *BRIANNA Kylic* COUNTY/PARISH *Stanton* STATE *KS* CITY/OFFSHORE LOCATION *Johnston* OWNER *S.A.M.*

2. *25535* TICKET TYPE SERVICE NITROGEN JOB? YES NO CONTRACTOR *Cheyenne* RIG NAME/NO. *1* SHIPPED VIA *HES* DELIVERED TO *wellsite* ORDER NO. *8-25-96*

3. WELL TYPE *DI* WELL CATEGORY *01* JOB PURPOSE *010* WELL PERMIT NO. *FRAND (34-29s-40s)*

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

RELEASED MAR 23 1998

FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	EA	mi	156	mi	2.99	466.44
000-119		1			COEW mileage	EA	mi	156	mi	1.60	249.60
001-016		1			Pump Charge	6	HR	172	FT		1360.00
030-018		1			5W Top plug	1	EA	8 5/8	IN		130.00
24A	815.19501	1			Insert float	1	EA	8 5/8	IN		190.00
27	815.19414	1			Fill Assy	1	EA	8 5/8	IN		64.00
41	806.61048	1			Centralizer	4	EA	8 5/8	IN	61.00	244.00
350	890.10802	1			Weld weld	1	BA	1	lb		16.75

RECEIVED KANSAS CORPORATION COMMISSION CONFIDENTIAL

OCT 28 1996

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

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <i>2720.79</i>
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?				
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <i>13872.18</i>
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
DATE SIGNED	TIME SIGNED	ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) *X* CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) *Tom Poyer* HALLIBURTON OPERATOR/ENGINEER EMP # *48120* HALLIBURTON APPROVAL

TERMS AND CONDITIONS

(12951)

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 legal 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 HEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECTS. "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 not recovered or is irreparable, Customer shall pay the replacement cost, unless such loss is caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, this agreement will constitute Customer's written agreement under 10 CFR Sec. 39.15 (a) that Customer shall be responsible for meeting all requirements of 10 CFR Sec. 39.15 and any other applicable laws or regulations concerning retrieval, monitoring, decontamination and abandonment, and Customer shall permit Halliburton to observe the recovery or abandonment efforts, all without risk or expense 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 HAL-2013-C

CUSTOMER Amoco Prod WELL NO. 1-34 LEASE BRIANNA Kylie JOB TYPE Plug To Abandon TICKET NO. 106277

CHART NO. TIME RATE (BPM) VOLUME (BBL) (GAL) PUMPS T C PRESSURE (PSI) TUBING CASING DESCRIPTION OF OPERATION AND MATERIALS

CONFIDENTIAL

ORIGINAL

Time Colled
Time Ready
Time on Job
DP on Bottom + Circ the Hole.
Run by Dennis Drill Collars

1st 2900 FT 100 SE / Hookup To Pump Truck

5

Start Water Ahead
Start Cement
Start Spacer
Start Displacement w/mud.
Shut Down Back Lose.

2nd 1750 FT 50 SE / Hookup To Pump Truck

5

Start Water Ahead
Start Cement
Start Spacer
Start Displacement w/mud.
Shut Down Back Lose

3rd 600 FT / 50 SE / Hookup To Pump Truck

10
16.3
3
2.5

Start Water Ahead
Start Cement
Start Spacer
Start Displacement w/mud
Shut Down Back Lose

OCT 25

4th 40 FT / 10 SE / Hookup To Pump Truck

3.2

Start Cement
Circulate Cement To Ground Level

RELEASED

10 SE / Plug Hole
15 SE / Test Hole
Washup Pumps + Lines
Finish to Job.

MAR 23 1998

FROM CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

OCT 28 1996

CONSERVATION DIVISION WICHITA, KS

Thanks For Logging
Halliburton Energy
Dennis Green



JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

Mid Cont

Liberal, Ks

BILLED ON TICKET NO. 106277

WELL DATA

FIELD _____ SEC. 34 TWP. 29^S RNG. 40^W COUNTY Stanton 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 _____

CONFIDENTIAL

JOB DATA

ORIGINAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

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. _____
 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 _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 28 1996

CONSERVATION DIVISION
WICHITA, KS

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING					
LINER					
TUBING	0.11 R.P.	4 1/2	KB	7500	1 1/2
OPEN HOLE					SHOTS/FT.
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. Lee	38242	Liberal Ks
T.M. Linn	52538 / 75051	"
S. G. ...	3732 / 4610	Hugoton Ks
		KCC
		OCT 25

DEPARTMENT: Cement
DESCRIPTION OF JOB: PTA CONFIDENTIALJOB DONE THRU: TUBING Casing ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE: X

HALLIBURTON OPERATOR: Dennis Lopez COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES RELEASED	YIELD CU.FT./SK.	MIXED LBS./GAL.
	235	60/40 Pz	Pz	69% Gel.	RELEASED	1.87	13.4
					MAR 23 1998		

FROM CONFIDENTIAL

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 _____ REASON 3 Pz

SUMMARY

VOLUMES
 PRES LUSH: BBL. GAL. 10 1/2 water TYPE Ahead of Plug
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 1 79.1
 CEMENT SLURRY: BBL.-GAL. 77.0 2 17.5
 TOTAL VOLUME: BBL.-GAL. 3 2.5

REMARKS

CUSTOMER: Amoco Production Lease Br. Anna Kille WELL NO. 1-34 JOB TYPE: PTA DATE: 10-3-96



TICKET CONTINUATION CUSTOMER COPY

TICKET No. 106277

HALLIBURTON ENERGY SERVICES

CUSTOMER	WELL	DATE	PAGE	OF
Amoco Production	Brianna Kyle	1-3/ 10-03-96		

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
					235 C.F. 40/60 Prmeium Pozmix						
504-043	516.00272				Premium Cement	141	sk			12.03	1696.23
506-105	516.00286				Pozmix A	6956	lb			.073	507.79
506-121	516.00259				Halliburton Gel 2%	4	sk				
507-277	516.00259				Halliburton Gel 4% Added	8	sk			18.60	148.80
CONFIDENTIAL											
ORIGINAL											
RECEIVED KANSAS CORPORATION COMMISSION OCT 28 1996 CONSERVATION DIVISION WICHITA, KS											
RELEASED MAR 23 1998 FROM CONFIDENTIAL											
					SERVICE CHARGE	CUBIC FEET					
500-207								251		1.35	338.25
500-306					MILEAGE CHARGE	TOTAL WEIGHT 21423	LOADED MILES 43	TON MILES	449.883	1.05	472.38

No. B 343847

CONTINUATION TOTAL 7174.50



HALLIBURTON ENERGY SERVICES

HAL-1906-P

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

CUSTOMER COPY

TICKET

No.

106277 - 6

PAGE 1 OF _____

SERVICE LOCATIONS
 1. 20640 Lissa Ks
 2. 20635 Highton Ks
 3. _____
 4. _____

WELL/PROJECT NO. 1-34 Rainana Kylie
 LEASE Station
 COUNTY/PARISH Ks
 CITY/OFFSHORE LOCATION _____

TICKET TYPE SERVICE SALES
 NITROGEN JOB? YES NO

CONTRACTOR Agency Div 7
 RIG NAME/NO. _____
 SHIPPED VIA Loc.

DATE 10-3-96
 ORDER NO. _____

WELL TYPE _____
 WELL CATEGORY _____
 JOB PURPOSE Plug To Abandon
 WELL PERMIT NO. _____

WELL LOCATION SE of Johnson Ks

INVOICE INSTRUCTIONS 01 01

REFERRAL LOCATION _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117					MILEAGE	150	miles			2.99	448.50
000-119					Crew Mileage	150	miles			1.60	240.00
009-019					Pump charge	2900	FT				1580.00

CONFIDENTIAL (written vertically on left side)
ORIGINAL (written vertically in center)
RELEASED MAR 23 1996 (written vertically in center)
FROM CONFIDENTIAL (written vertically in center)
OCT 25 (written vertically in center)
CONFIDENTIAL (written vertically in center)
RECEIVED KANSAS CORPORATION COMMISSION (written vertically on right side)
OCT 28 1996 (written vertically on right side)
CONSERVATION DIVISION WICHITA, KS (written vertically on right side)

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

Bill Chittman Amoco Co Rep.
 DATE SIGNED _____ TIME SIGNED _____

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

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN FILED RUN

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 _____
 FROM CONTINUATION PAGE(S) 3164

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) X
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) _____
 HALLIBURTON OPERATOR/ENGINEER 10102 Dennis Coe 0919
 EMP # _____
 HALLIBURTON APPROVAL _____

TERMS AND CONDITIONS

(1295)

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 CAUSED 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.

WVU 5-2 1998

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 not recovered or is irreparable, Customer shall pay the replacement cost unless the loss is caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, this agreement will constitute Customer's written agreement under 10 CFR Sec. 39.15 (a) that Customer shall be responsible for meeting all requirements of 10 CFR Sec. 39.15 and any other applicable laws or regulations concerning retrieval, monitoring, decontamination and abandonment, and Customer shall permit Halliburton to observe the recovery or abandonment efforts, all without risk or expense 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.