

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: TEXACO TRADING AND TRANSPORTATION INC

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING

License: 3779

Wellsite Geologist: NA

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:

Operator: RELEASED

Well Name: _____

Comp. Date _____ Old Total Depth 31 1997

Deepening Re-perf. FROM CONFIDENTIAL
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

1-25-96 2-3-96 3-5-96
Spud Date Date Reached TD Completion Date

API NO. 15- 189-22020

County STEVENS

E/2-SE - SW Sec. 11 Twp. 31 Rge. 35 XW

660 Feet from X/S (circle one) Line of Section

2310 Feet from X/W (circle one) Line of Section

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

Lease Name LAMBERT "B" Well # 1

Field Name CHURCHMAN-BIBLE (CUTTER)

Producing Formation CHESTER

Elevation: Ground 2991.6 KB --

Total Depth 5810 PBTB 5733

Amount of Surface Pipe Set and Cemented at 1782 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3279 Feet

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

Drilling Fluid Management Plan ALT 1 DPW
(Data must be collected from the Reserve Pit) 6-14-98

Chloride content 1300 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name 4-1-96

Lease Name _____ License No. _____

Quarter Sec. Twp. Rng. E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, [3015] 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 David W. Kapple
DAVID W. KAPPLE
Title DIVISION DRILLING ENGINEER Date 3/20/96

Subscribed and sworn to before me this 20th day of March, 1996.

Notary Public L. Marc Harvey

Date Commission Expires _____

L. MARC HARVEY
Notary Public - State of Kansas
My Appt. Expires 6-12-99

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)

CONFIDENTIAL

Operator Name ANADARKO PETROLEUM CORPORATION

Lease Name: LAMBERT "B"

Well # 1

Sec. 11 Twp. 31 Rge. 35 East West

County STEVENS

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p> <p>List All E.Logs Run: SBT-CCL-GR, CNL-LDT, DIL, ML.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Name</th> <th style="width: 20%;">Top</th> <th style="width: 40%;">Datum</th> </tr> </thead> <tbody> <tr><td>B/STONE CORRAL</td><td>1803</td><td></td></tr> <tr><td>CHASE</td><td>2582</td><td></td></tr> <tr><td>COUNCIL GROVE</td><td>2896</td><td></td></tr> <tr><td>HEEBNER</td><td>4059</td><td></td></tr> <tr><td>LANSING</td><td>4187</td><td></td></tr> <tr><td>MARMATON</td><td>4846</td><td></td></tr> <tr><td>MORROW</td><td>5362</td><td></td></tr> <tr><td>CHESTER</td><td>5550</td><td></td></tr> </tbody> </table>	Name	Top	Datum	B/STONE CORRAL	1803		CHASE	2582		COUNCIL GROVE	2896		HEEBNER	4059		LANSING	4187		MARMATON	4846		MORROW	5362		CHESTER	5550	
Name	Top	Datum																										
B/STONE CORRAL	1803																											
CHASE	2582																											
COUNCIL GROVE	2896																											
HEEBNER	4059																											
LANSING	4187																											
MARMATON	4846																											
MORROW	5362																											
CHESTER	5550																											

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	23	1782	MIDCON/P+	320/160	1/4#/SK FLC/ 2%CC, 1/4#/SK FLC
PRODUCTION	7-7/8	5-1/2	15.5	5792	50/50 PREM POZ	150	.75% HALAD-322, 10%SALT, 1/4#/ SK FLC.
			F. O. TOOL	3279	MIDCON 2	60	NONE.

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		2	5618-5632, 5590-5602
		FRAC: 40000 GAL 40# BORATE XLINK 2%KCL	
		WTR & 146000# 16/30 SD.	

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>5577</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	--------------------	--------------------	-----------	---

Date of First, Resumed Production, SWD or Inj. PUT ON PUMP 3-8-96	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil <u>88</u> Bbls. Gas <u>10</u> Mcf. Water <u>10</u> Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: _____ Method of Production: _____ Production Interval: _____

Vented Sold Used on Lease (If vented, submit ACO-18.)
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

5590-5632 (0A)

CONFIDENTIAL

~~CONFIDENTIAL~~
KCC

NORSEMAN DRILLING, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

ORIGINAL

WELL NAME: LAMBERT B-1
SECTION 11-31S-35W
STEVENS COUNTY, KANSAS

15-189-22020

COMMENCED: JANUARY 25, 1996

COMPLETED: FEBRUARY 4, 1996

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth From	To	Formation	Remarks
0	1242	Sand & Redbed	Ran 43 jts of 23# of
1243	1444	Glorietta Sand	8 5/8" csg set @ 1786'
1445	2200	Redbed	w/320 SX of Midcon 2;
2201	5810	Lime & Shale	3% CC; 1/4# SX Flocele;

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

Tailed w/160 SX Midcon 2;
2% CC; 1/4# SX Flocele;
Plug down at 6:30 a.m.
01/27/96.

Ran 138 jts 5 1/2" 15.5#, Set @ 5792'; w/150 SX; 50/50 pozmix;
10% Salt; .75% Halide; 1/4# SX Flocele; Plug down at 2:30 a.m. on 02/03/96.

RECEIVED
KANSAS CORP COMM
1 A 1043

STATE OF KANSAS)
)
)
)
COUNTY OF SEDGWICK)

I the undersigned, being duly sworn on
oath, state that the above Drillers' Well
Log is true and correct to the best of my
knowledge and belief and according to the
records of this office.

NORSEMAN DRILLING, INC.

James P. Reilly
JAMES P. REILLY, PRESIDENT

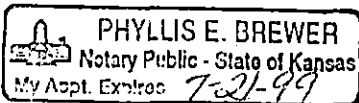
Subscribed & sworn to before me this February 19, 1996

My Appointment Expires:

July 21, 1999

Phyllis E. Brewer

Phyllis E. Brewer, Notary Public
11817 Jamesburg
Wichita, KS 67212



(14)



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MID-CONTINENT
LIBERAL KS

BILLED ON TICKET NO. 919980

WELL DATA

FIELD CUTTER SEC. 11 TWP. 21S RNG. 35W COUNTY STEVENS 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>N</u>	<u>24</u>	<u>8 5/8</u>	<u>K.B.</u>	<u>1800</u>	
ENTER				<u>GL.</u>	<u>1784</u>	
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>K.B.</u>	<u>1788</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

CONFIDENTIAL

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1/26/96</u>	DATE <u>1/26/96</u>	DATE <u>1-27-96</u>	DATE <u>1-27-96</u>
TIME <u>1900</u>	TIME <u>2200</u>	TIME <u>0520</u>	TIME <u>0630</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT FLOAT</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>FULL-UP</u>	<u>1</u>	
GUIDE SHOE <u>REGULAR</u>	<u>1</u>	<u>D</u>
CENTRALIZERS	<u>5</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>SW</u>	<u>1</u>	
HEAD		<u>C</u>
PACKER <u>BASKET</u>	<u>1</u>	
OTHER <u>HOWCO WELD</u>	<u>1</u>	<u>D</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>T. BROADFOOT</u>	<u>420045</u>	<u>LIBERAL KS</u>
<u>D4604</u>	<u>52947</u>	<u>"</u>
<u>C. CORNELSEN</u>	<u>75496</u>	<u>"</u>
<u>B2569</u>	<u>50737</u>	<u>"</u>
<u>C. ALVARADO</u>	<u>75817</u>	<u>HUGOTON KS</u>
<u>M0353</u>	<u>50866</u>	<u>"</u>
<u>R. SCOTT</u>	<u>42270</u>	<u>7649</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. _____
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 _____

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

DEPARTMENT CEMENT
DESCRIPTION OF JOB CEMENT 8 5/8 CASING
JOB DONE THRU: TUBING CASING ANNULUS TRG/ANN.
CUSTOMER REPRESENTATIVE X Job Shady
HALLIBURTON OPERATOR T. BROADFOOT
COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT./51	MIXED LBS./GAL.
<u>1</u>	<u>320</u>	<u>PREM PLUS MIDCON</u>		<u>B</u>	<u>3% C.C., 1/4 #/SK Flocele</u>	<u>3.22</u>	<u>11.1</u>
<u>2</u>	<u>160</u>	<u>PREM PLUS</u>		<u>B</u>	<u>2% C.C., 1/4 #/SK FLOCELE</u>	<u>1.34</u>	<u>14.8</u>

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. 112.0
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY BBL.-GAL. 185.54 661 LEAD 58.2 BBL TAIL
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
ORDERED _____ AVAILABLE _____ USED _____ REMARKS
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 39.70 REASON SHOE JT.
7MSDS GIVEN TO CO MAN
25BBL PIT - 44SKS
JOB WELL DONE - NO ACCIDENTS

CUSTOMER HANBAEKO Petroleum Corp. LEASE LANSBERT '92' WELL NO. 1 JOB TYPE D10 DATE 1-26-96

RECEIVED
KANSAS CORP
1996

JOB LOG HAL-2013-C

CUSTOMER <i>Amadako Petroleum</i>	WELL NO. #1	LEASE <i>Lambert R'</i>	JOB TYPE DIO	TICKET NO. 919980
--------------------------------------	----------------	----------------------------	-----------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							Called out - Ready 2230
	2200							ON LOC - STILL DRILLING
	0145							START RUNNING CSG.
								ORIGINAL
	0445							Hook up HEAD
	0505							CIRCULATION TO PIT - SAFETY MEETING
	0520							Hook up TO CMT LINE
	0526	6.8	184				0/220	START LEAD CMT - 11.1 #/gal
	0553	4.2	38				220/110	START TAIL CMT - 14.8 #/gal
	0602	0	0				0/0	SHUT OFF - DROP PLUG
	0604	5.4	102				0/500	START DISPLACEMENT
	0623	2	10				500/1150	SLOW RATE - 112 TOTAL BBL
	0628	-	-					PLUG LANDED - JOB OVER
								THANK YOU FOR CALLING Halliburton EMERGENCY SERVICES - LIBERAL KS
								BROADFOOT - CORNELSEN - ALVARADO - SCOTT
								MSDS GIVEN TO CO. MAN
								25 DISPLACEMENT TO PIT - 44 SKS ✓
								RELEASED
								JUL 31 1997
								FROM CONFIDENTIAL



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Anadarko Petroleum Corporation
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

CUSTOMER COPY

TICKET

No. 919980 - 6

PAGE 1 OF 2

1. <u>Liberal KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Lambert "B"</u>	COUNTY/PARISH <u>Stevens</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>1-26-96</u>	OWNER <u>Same</u>
2. <u>Hugoton KS</u>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <u>NORSEMAN</u>	RIG NAME/NO. <u>#1</u>	SHIPPED <u>Y</u>	DELIVERED TO <u>Loc 1 Woods</u>	ORDER NO.
3.	WELL TYPE <u>02</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>DIO</u>	WELL PERMIT NO.	WELL LOCATION <u>11-315-35W</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
000-117			MILEAGE	1	unit	64	mi	25	162
000-119			CROW MILEAGE	1	unit	64	mi	1.50	96
001-016			Pump Charge	1789	Ft	6	hr		1320
001-018			ADDITIONAL HRS	PER	HR	2	HR	235	470
12A	825.217		GUIDE SHADE	1	EA	8 5/8	in		216
24A	815.19508		INSERT FLOAT	1	EA	8 5/8	in		195
27	815.19415		FILL-UP ASSEMBLY	1	EA	8 5/8	in		64
41	806.61042		CENTRALIZERS	5	EA	8 5/8	in	61 EA	305
320	806.71460		BASKET	1	EA	8 5/8	in		124
35D	890.10802		HOWCO WELD	1	lb				16
030-018			Cement Plug - SW	1	EA	8 5/8	in		130

CONFIDENTIAL

ORIGINAL

RELEASED

JUL 31 1997

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.

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	
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?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	3119
FROM CONTINUATION PAGE(S)	9184
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	12303

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>Same</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>[Signature]</u>	HALLIBURTON OPERATOR/ENGINEER <u>[Signature]</u>	EMP # <u>04604</u>	HALLIBURTON APPROVAL <u>[Signature]</u>
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TICKET CONTINUATION

CUSTOMER COPY

DM

TICKET No. 919980

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER APC	WELL Lambert # 1	DATE 1-26-96	PAGE 2	OF 2
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-282					Midcon Premium Plus	320		sk		16.76	5363.20
507-285	70.15250										
508-127	516.00335										
504-050	516.00265				Premium Plus Cement	160		sk		12.62	2019.20
509-406	890.50812				Calcium Chloride 3% w/320 midcon 2% w/160 Prem.plus	12		sk		36.75	441.00
507-210	890.50071				Flocele 1/4# w/all	120		#		1.65	198.00
CONFIDENTIAL											
ORIGINAL											
RELEASED											
JUL 31 1997											
FROM CONFIDENTIAL											
500-207					SERVICE CHARGE					528	712.80
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		1.95	450.136
					47406	20		474.06			

No. B 219692

CONTINUATION TOTAL

9184.56



JOB SUMMARY

HALLIBURTON DIVISION

Mid CONTINENT

HALLIBURTON LOCATION

LIBERAL, KS

BILLED ON TICKET NO.

919761

LMH

WELL DATA

FIELD BIBLE CHURCH SEC. _____ TWP. _____ RNG. _____ COUNTY HASKELL STATE KS

FORMATION NAME L. CHESTER 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 5810

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>5792</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
<u>2-4-96</u>	<u>2-4-96</u>	<u>2-4-96</u>	<u>2-5-96</u>
TIME <u>1130</u>	TIME <u>0315</u>	TIME <u>0130</u>	TIME <u>0230</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT-SHOE <u>INSERT 5 1/2</u>		
GUIDE SHOE <u>RIC 5 1/2</u>	<u>1</u>	<u>H</u>
CENTRALIZERS <u>5 1/2</u>	<u>14</u>	
BOTTOM PLUG		<u>0</u>
TOP PLUG <u>S-WIPER 5 1/2</u>	<u>1</u>	<u>W</u>
HEAD <u>PK 5 1/2</u>	<u>1</u>	
PACKER		<u>0</u>
OTHER <u>BASKET 5 1/2</u>	<u>1</u>	<u>0</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u>		
<u>D. McLANE</u>		
<u>C. LAY</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. **RELEASED**
 ACID TYPE _____ GAL. %
 ACID TYPE _____ GAL. **3-1-1997**
 SURFACTANT TYPE _____ GAL. IN
 NE AGENT TYPE _____ GAL. IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. **FROM CONFIDENTIAL**
 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 CEMENT
 DESCRIPTION OF JOB CEMENT 5 1/2 PRODUCTION CASING
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X O J. A. Lusk
 HALLIBURTON OPERATOR John Woodrow COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>PREMIUM 50/50 POZ</u>	<u>HALCO</u>	<u>B</u>	<u>3/4 % HALAD-322, 1/4 FLOCELE</u>	<u>1.29</u>	<u>14.4</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 TREATING _____ DISPL. _____ OVERALL _____
 FEET 42 REASON SHOE JOINT

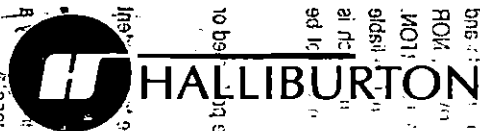
SUMMARY

PRESLUSH BBL. GAL. 20
 LOAD & BKDN: BBL.-GAL. 30 = 70
 TREATMENT: BBL.-GAL. _____
 CEMENT SLURRY: BBL. GAL. 34.4
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

LEFT MSDS SHEETS ON PIG

CUSTOMER ANADARKO PETROLEUM LEASE Lambert 'B'
 WELL NO. 1
 JOB TYPE 5 1/2 L.S.
 DATE 2-4-96



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: **ANADARKO PETROLEUM**
 ADDRESS:
 CITY, STATE, ZIP CODE:

DUNCAN COPY
 NO SHOW
 REPORT 211

TICKET
 No. **919761-7**
 PAGE 1 OF 1

SERVICE LOCATIONS 1. 025540 LIBERAL	WELL/PROJECT NO. 1	LEASE LAMBERT B	COUNTY/PARISH HASKELL	STATE KS	CITY/OFFSHORE LOCATION N. Woods	DATE 2-4-76	OWNER SAME
2. 025535 HUGOTON	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR NORMAN DRILL	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO WELL SITE	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO. KPI	WELL LOCATION 1518-7220-200000 LAND		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT	
000-117	CONFIDENTIAL	1	MILEAGE	32	mi	2	mi	2.85	182.4	
000-119		1	CREW MILEAGE	32	mi	2	mi	1.50	96.0	
001-916		1	PUMP CHARGE	5792	FT	6	HRS	2000.00	2000.0	
030-916		1	5" W TOP PLUG	1	EA	5 1/2	IN	60.00	60.0	
018-315		1	MUD FLUSH	1260	GAL			.65	819.0	
314-163		1	CLA-FIX II	4	GAL			28.00	112.0	
12A		825.205	1	REGULAR GUIDE SHOE	1	EA	5 1/2	IN	121.00	121.0
34A		815.19251	1	INSERT FLOAT	1	EA	5 1/2	IN	110.00	110.0
27		815.19311	1	FILL UP ASSY	1	EA	1.00	IN	69.00	69.0
40		806.60022	1	CENTRALIZER	14	EA	5 1/2	IN	60.00	840.0
320	806.71430	1	BASKET	1	EA	5 1/2	IN	104.00	104.0	
001-018		1	ADDITIONAL HRS	2	HRS	7	EA	235.00	470.0	

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

DATE SIGNED: **2-7-76** TIME SIGNED: **2:12 PM**

X *[Signature]*

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	4871
FROM CONTINUATION PAGE(S)	2553
	7424
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) D.J. Stuck	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X [Signature]	HALLIBURTON OPERATOR/ENGINEER [Signature]	EMP # 62573	HALLIBURTON APPROVAL [Signature]
--	--	---	-----------------------	--



JOB SUMMARY

HALLIBURTON DIVISION Liberal
 HALLIBURTON LOCATION Liberal

BILLED ON TICKET NO. 919865

WELL DATA

FIELD _____ SEC. 11 TWP. 31S RNG. 35E COUNTY Stevens 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 _____

CONFIDENTIAL

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING	<u>11</u>	<u>4.7</u>	<u>2 3/8</u>	<u>61</u>	<u>5600</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

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

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-21-76</u>	DATE <u>7-21-76</u>	DATE <u>7-21-76</u>	DATE <u>7-21-76</u>
TIME <u>0500</u>	TIME <u>0730</u>	TIME <u>0830</u>	TIME <u>1200</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 _____

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Coist</u>	<u>420045</u>	<u>Liberal</u>
<u>D. W. Brown</u>	<u>75496</u>	<u>Liberal</u>
<u>51306</u>	<u>52947</u>	<u>Liberal</u>
<u>Vaughn Brown</u>	<u>6612</u>	<u>Liberal</u>
<u>69723</u>		
<u>J. Rogers</u>	<u>7610</u>	<u>Liberal</u>
<u>F5598</u>		

DEPARTMENT 5001
 DESCRIPTION OF JOB 205

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

CUSTOMER REPRESENTATIVE X O D
 HALLIBURTON OPERATOR R. Coist COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>60</u>	<u>PP-mud Cement</u>	<u>B</u>	<u>2% CC V4# F/grade</u>		<u>3.22</u>	<u>11.1</u>

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 _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 12
 CEMENT SLURRY: BBL.-GAL. 35 PPA
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER HARRIS
 LEASE Liberal
 WELL NO. 1
 JOB TYPE PP
 DATE 7.21.76



JOB LOG HAL-2013-C

DATE: 2-31-96
PAGE NO.:
TICKET NO.: 919865

CUSTOMER: *Amoco Well Pad* WELL NO.: 1 LEASE: *Lambert* JOB TYPE: 205

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							Called out
	0530							Left yard
	0714							24 hrs ORIGINAL
	0805	1	1-8			0-1500		Pressure Test
	0829		2500			0-1500		Release Pressure Test Held
	0900					0-1500		Try To Open Tool Failed
	0910					0-1500		Release Pressure
	0911					0-1500		open Tool Try To Circulate
	0911	2	3			1500		Start Trapping In case into Start CMT
	0917	2 1/2	34			1500		CMT Pumpdown Start Displacement
	0918	2 1/2	13			1500		Displacement Pumpdown
	0941	1	2			0-1500		Pressure Test (Holds)
	0950							Knock Loose Run 2 gTs
	1000		20			0-200		Wash Out
	1010							Shut Down Knock loose P
	1015							Testing To Pattern
	1020							Testing on Pattern Hunt up To
	1025							Pickle Testing
	1124	2	5			0-1500		Pump Water
	1147	2	6			"		Pump Acid
	1150	2	2.5			"		Pump Displacement
	1200	2	4.5					Shut Down Reverse cut
	1240							Job Ended
<p>Thank you for calling Halliburton Energy Services</p>								
<p>RELEASED MII 31 1997 FROM CONFIDENTIAL</p>								



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Amadako Petroleum
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET W1

No.

919865 - 1

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>1 barrel</u>	WELL/PROJECT NO. <u>1</u>	LEASE <u>Lambert B</u>	COUNTY/PARISH <u>Stevens</u>	STATE <u>LA</u>	CITY/OFFSHORE LOCATION	DATE <u>7-21-97</u>	OWNER <u>Amadako</u>
2. <u>Hugoton</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Best Well</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Loc. 500500</u>	ORDER NO.
3.	<input type="checkbox"/> SALES						
4.	WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>205 F.O. Tool</u>	WELL PERMIT NO. <u>API # 1519-9220-200-00</u>	WELL LOCATION		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-117</u>					MILEAGE	<u>70</u>	<u>mi</u>	<u>1</u>		<u>2.85</u>	<u>199.50</u>
<u>000-119</u>					<u>Crew mileage</u>	<u>70</u>	<u>mi</u>			<u>1.50</u>	<u>105.00</u>
<u>009-019</u>	ORIGINAL				<u>Pump Charge</u>	<u>3279</u>	<u>FT</u>	<u>6</u>	<u>hrs</u>		<u>1590.00</u>
<u>210-017</u>					<u>HAI-81</u>	<u>Per Gal</u>		<u>1</u>	<u>Eq</u>		<u>39.15</u>
<u>207-001</u>					<u>FE Acid</u>	<u>Per Gal</u>		<u>250</u>	<u>Eq</u>	<u>1.56</u>	<u>390.00</u>
<u>300-131</u>					<u>Delivery Charge (Acid)</u>	<u>70</u>	<u>mi</u>			<u>2.80</u>	<u>196.00</u>

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RELEASED

JUL 31 1997

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.

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	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY	AGREE	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?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	<u>1223</u>	<u>FC</u>
FROM CONTINUATION PAGE(S)	<u>1230</u>	<u>60</u>
	<u>3754</u>	<u>10</u>
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE		

DATE SIGNED: John Skilling TIME SIGNED: _____
 A.M. P.M.
 do not require IPC (Instrument Protection). Not offered

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>John Skilling</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>John Skilling</u>	HALLIBURTON OPERATOR/ENGINEER <u>Ron Crist</u>	EMP # <u>D7653</u>	HALLIBURTON APPROVAL
---	--	---	-----------------------	----------------------



HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 417865

FORM 1911 R-10

CUSTOMER Andaco Petroleum Corporation	WELL Bambert "B" #1	DATE 02-21-96	PAGE	OF
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
504-282					Midcon Premium Plus Cement	60	sk	16.76	1005.60
507-285	70.15250								
508-127	516.00335								
507-210	890.50071				Flocele 1/2M/ 60	15	lb	1.65	24.75
509-406	890.50812				Calcium Chloride 28%/ 60	1	sk	36.75	36.75
<p>ORIGINAL</p> <p>CONFIDENTIAL</p> <p>RELEASED</p> <p>JUL 31 1997</p> <p>FROM CONFIDENTIAL</p>									
500-207					SERVICE CHARGE		CUBIC FEET		
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	
						5961	20	66 59.61	1.35 89.10 75.00

No. B 219820

CONTINUATION TOTAL 1230.60