

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

API NO. 15- 129-21,285-00-00 **ORIGINAL**

County MORTON
SW - SW - NE - NE Sec. 4 Twp. 34S Rge. 41 X W

Operator: License # 4549

1250 Feet from X/N (circle one) Line of Section

Name: ANADARKO PETROLEUM CORPORATION

1250 Feet from E/X (circle one) Line of Section

Address P.O. BOX 351

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

City/State/Zip LIBERAL, KANSAS 67905-0351

Lease Name BRESSLER "A" Well # 1H

Purchaser: TO BE DETERMINED

Field Name HUGOTON

Operator Contact Person: J. L. ASHTON

Producing Formation CHASE

Phone (316) 624-6253

Elevation: Ground 3378.1 KB --

Contractor: Name: NORSEMAN DRILLING INC.

Total Depth 2430 PBDT 2390

License: 3779

Amount of Surface Pipe Set and Cemented at 665 Feet

Wellsite Geologist: NA

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 SLOW Temp. Abd.

feet depth to w/ sx cmt.

 Gas ENHR X SIGW

Drilling Fluid Management Plan ALT 1 JH 3-31-95
(Data must be collected from the Reserve Pit)

 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Chloride content 7600 ppm Fluid volume 700 bbls

Operator:

Dewatering method used NATURAL EVAPORATION

Well Name:

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

 Deepening Re-perf. Conv. to Inj/SWD

Operator Name

 Plug Back PBDT

Lease Name License No.

 Commingled Docket No.

 Quarter Sec. Twp. S Rng. E/W

 Dual Completion Docket No.

County Docket No.

 Other (SWD or Inj?) Docket No.

5/31/94 6/2/94 9/1/94
Spud Date Date Reached TD Completion Date

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.

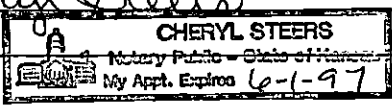
Signature Leslie I. Barnes

Title SENIOR TECHNICAL ASSISTANT Date 9/14/94

Subscribed and sworn to before me this 14th day of September, 1994.

Notary Public Cheryl Steers

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)

Form ACO-1 (7-91)
RECEIVED
STATE CORPORATION COMMISSION

SEP 23 1994

CONSERVATION DIVISION
WICHITA, KANSAS

P1

Operator Name: **LANADARKO PETROLEUM CORPORATION** Lease Name: **BRESSLER "A"** Well # **1H**

Sec. **4** Twp. **34S** Rge. **41** East West County **MORTON**

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 Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. CIMARRON	1435	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KRIDER	2120	
		WINFIELD	2180	
		TOWANDA	2240	
		FT. RILEY	2320	

List All E.Logs Run: **COMPENSATED SPECTRAL GAMMA
DUAL-SPACED NEUTRON
DUAL INDUCTION
SBT GAMMA
PRISM**

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	665	75/25 POZMIX/ CLASS "H"	275/150	2%CC, 1/4#SX FLOC 2%CC, 1/4#SX FLOC
PRODUCTION	7 7/8	5 1/2	15.5	2431	PREM+ LIGHT PREM+ LIGHT	200/100	10#SX MICROBAND, .6% HALAD9, .3% CFR-3, 2%CC, 15% SALT

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	2120-2130	DIVERTA STAGE FRAC, PMPD 500 GALS 15% HCL ACID, 3000 GALS 25# LNR GELD 2% KCL WTR & 2000# 40/70 SD, FRAC W/16,500 GALS 25# LINEAR GELLED 2% KCL WTR & 37,500# 20/40 SD, LAST 9000# PROP-LOCK. 2120-30

TUBING RECORD	Size 2 3/8	Set At 2131	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. SI WO PIPELINE	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	--

Estimated Production Per 24 Hours	Oil Bbls. --	Gas 318 Mcf	Water 20 Bbls.	Gas-Oil Ratio --	Gravity --
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled **2120 - 2130**

Production Interval: **2120 - 2130**

ORIGINAL

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

WELL NAME: BRESSLER A-1H
SECTION 4-34S-41W
MORTON COUNTY, KANSAS
COMMENCED: MAY 31, 1994
COMPLETED: JUNE 4, 1994
OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	1039	Sand & Redbed	Ran 16 jts of 24#
1040	1180	Glorietta Sand	8 5/8" csg set @
1181	2260	Redbed	665'; w/275 SX of
2261	2440	Lime-Shale	75/25 pozmix; 2% CC; 1/4# SX Floceal; Tailed with 150 SX Class H Common; 2% CC; 1/4# Floceal; Plug down 11:00 p.m. 05/31/94.

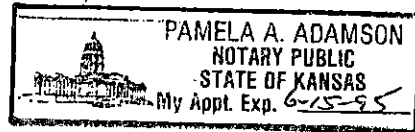
Ran 56 jts. 5 1/2" 15.50#, Set @ 2459'; Cement w/200 SX Class C Premium Light; 2% CC; 1/4# Floceal; Tailed w/100 SX Premium Plus; 10# STC Micro Bond; 10% Halad; Plug down @ 1:30 p.m. on 06/04/94.

STATE OF KANSAS)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
COUNTY OF SEDGWICK)records of this office.

NORSEMAN DRILLING, INC.

James P. Reilly
JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this



June 8, 1994

My Appointment Expires:

June 15, 1995

Pamela A. Adamson
Pamela A. Adamson, Notary Public
340 Seville
Wichita, KS 67209

RECEIVED
STATE CORPORATION COMMISSION

SEP 23 1994

REGISTRATION DIVISION
WICHITA, KANSAS

JOB LOG FORM 2013 R-4

CUSTOMER **ANADARKO PET. CORP.** WELL NO. **1-H** LEASE **BRESSLER "A"** JOB TYPE **8 3/8 SURFACE CSG.** TICKET NO. **677435**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							CALLED OUT READY 1700
	1630							ON LOC. STILL DRG.
	2025							START RUNNING. CSG.
	2111							HOOK UP HEAD TO CIRCULATE
	2156							CIRCULATION TO PIT - SAFETY MEETING
	2225							HOOK UP CMT LINE
	2228	7	65				320	START LEAD CMT. 15.3 #/GAL
	2237	6	28.3				230	START TAIL CMT. 16.4 #/GAL
	2242	0	0				0	SHUT DOWN DROP TOP PLUG.
	2249	5	30				0	START DISPLACEMENT H ₂ O
	2255	2	40.6				0	SLOW RATE DOWN - 40.6 BBL TOTAL
	2300	0					800	PLUG LANDED - FLOAT HELD
								JOB OVER
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL KS.
								HAVE A GOOD NIGHT
								BROADFOOT - MARTINEZ - CASIAS
								LEWIS
								25 BBL CMT TO PIT
								105 SKS.
								HAD PROBLEMS PUMPING
								BALL OUT FILLUP HAD
								TO HOOK TO TRUCK & PUMP
								2000 PSI TO OPEN
								BETWEEN HOOKING HEAD & CIRCULATE

RECEIVED
STATE CORPORATION COMMISSION

SEP 23 1994

CONSERVATION DIVISION
WICHITA, KANSAS

CUSTOMER AMARCO PET CORP.
 LEASE BRESSLER A
 WELL NO. 1H
 JOB TYPE 8 5/8 SURFACE CSG.
 DATE 5-31-94

WELL DATA

FIELD _____ SEC. 4 TWP. 37S RNG. 41W COUNTY. MORTON STATE Ks.

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	8 5/8	GL	662	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	665	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	#	QTY.	MAKE
FLOAT COLLAR <u>INSERT 8 5/8</u>	1		H
FLOAT SHOE <u>FILLUP</u>	1		
GUIDE SHOE <u>TEXAS PATTERN</u>	1		O
CENTRALIZERS <u>S-4</u>	3		
BOTTOM PLUG			W
TOP PLUG <u>5-W</u>	1		
HEAD			C
<u>Howco WELD "A" TLB</u>	1		O
OTHER			

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-31-94</u>	DATE <u>5-31-94</u>	DATE <u>5-31-94</u>	DATE <u>5-31-94</u>
TIME <u>1300</u>	TIME <u>1630</u>	TIME <u>2100</u>	TIME <u>2300</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>BROADFOOT</u>	<u>4604</u>	<u>LIBERAL Ks.</u>
<u>MARTINEZ R.</u>	<u>500856</u>	<u>"</u>
<u>G2731</u>	<u>7131</u>	<u>"</u>
<u>CASTAS F.</u>	<u>2607</u>	<u>HUGOTON Ks.</u>
<u>G2805</u>	<u>7620</u>	<u>"</u>
<u>LEWIS M.</u>	<u>50737</u>	<u>"</u>
<u>G2896</u>	<u>5303</u>	<u>"</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. _____ IN _____

PERFPAC BALLS TYPE _____ QTY _____

OTHER _____

OTHER _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB 8 5/8 SURFACE CSG.

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

CUSTOMER REPRESENTATIVE X Terry Lewis

HALLIBURTON OPERATOR Jim Broadfoot

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	275	<u>1 1/2 SPZ PREM</u>	<u>B</u>	<u>2% C.C. - 1/4" FLOCELE</u>	1.33	15.3
1	150	<u>PREM</u>	<u>B</u>	<u>2% C.C. - 1/4" FLOCELE</u>	1.06	16.4

SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH: BBL.-GAL. _____ TYPE _____

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISP: BBL.-GAL. 40.6

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 65 - 28.3

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REASON SHOE JT.

REMARKS 25 BBL. CMT PIT
105 SKS.



CHARGE TO: ANADARKO PET CORP.
 ADDRESS: P.O. Box 351
 CITY, STATE, ZIP CODE: LEBAN, KS. 67905-0351

COPY: _____
 No. 677435 - 0
 PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. LEBAN, KS 023010	WELL/PROJECT NO. 14	LEASE BRESSLER "A"	COUNTY/PARISH MORTON	STATE KS	CITY/OFFSHORE LOCATION	DATE 5-31-94	OWNER ANADARKO PET CORP.
2. LEBAN, KS 023010	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR HARRISON WELLS	RIG NAME/NO. MORSEMAN 2	SHIPPED VIA	DELIVERED TO MORTON	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.		UNIT		UNIT PRICE	AMOUNT
001-117			MILEAGE	54	Mi.	1	UNIT	2.75	148.50
001-016			PUMP CHARGE	689	FT	6	HR		890.-
030-013			5 W TOP PLUG	3 3/8	FT	1	EA		130.-
16A	830 2171		TX. PATTERN SHOE	11	"	1	"		161.-
24A	815 19502		INSERT FLONT	1	"	1	"		171.-
27	815 19415		FILLUP ASSY	1	"	1	"		55.-
40	806 61043		S-4 CENTRALIZED	1	"	3	EA	65.-	195.-
320	806 70060		BASKET	1	"	1	EA		122.-
350	875 10802		HONICO WELD "A"	1	LB	1	"		14.50

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 Terry Lewis

DATE SIGNED: 5-31-94 TIME SIGNED: 2300 A.M. P.M.

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

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 1887
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) 5243 5
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?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 7130 5
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>Terry Lewis</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Terry Lewis</u>	HALLIBURTON OPERATOR/ENGINEER <u>James Bradford</u>	EMP #	HALLIBURTON APPROVAL
---	--	--	-------	----------------------

WELL DATA

FIELD _____ SEC. 4 TWP. 34S RND. 41W COUNTY Marton STATE Ks

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		N	15.5	5 1/2	KB	2445-42	
LINER							
TUBING							
OPEN HOLE					ORIGINAL	2440	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

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 _____

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-3-94</u>	DATE <u>6-3-94</u>	DATE <u>6-4-94</u>	DATE <u>6-4-94</u>
TIME <u>1400</u>	TIME <u>1800</u>	TIME <u>0710</u>	TIME <u>0130</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		<u>H</u>
FLOAT SHOE		
GUIDE SHOE <u>Reg 5 1/2</u>	<u>1</u>	<u>O</u>
CENTRALIZERS <u>S-4</u>	<u>14</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>5 1/2 S wiper</u>	<u>1</u>	
HEAD		<u>C</u>
PACKER		
OTHER		<u>O</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. _____

PEAFFAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R Crist</u>	<u>38242</u>	<u>Liberal</u>
<u>D 7653</u>	<u>PH</u>	
<u>R Martinez</u>	<u>7131</u>	<u>"</u>
<u>G 2731</u>	<u>RCM</u>	
<u>K Boone</u>		<u>"</u>
<u>47841</u>		
<u>M Lewis</u>	<u>25505</u>	<u>Hugoton</u>
<u>G 2896</u>	<u>Bulk</u>	

DEPARTMENT Cement

DESCRIPTION OF JOB Cement Production

Casing

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Terry Lewis

HALLIBURTON OPERATOR Ronald Crist COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>200</u>	<u>Prem Lite</u>		<u>B</u>	<u>2% CL, 14% Flocc</u>	<u>2.11</u>	<u>12.2</u>
	<u>100</u>	<u>Prem +</u>		<u>B</u>	<u>10% Micro Bond, 5% Hulsid 9</u>		
					<u>3/10% CFR 2, 2% Ec, 15% Salt</u>	<u>1.59</u>	<u>14.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESURUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKON: BBL.-GAL. _____ PAD: BBL.-GAL. E

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 57.3

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY @ _____ GAL. 75 LC 28 TC

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

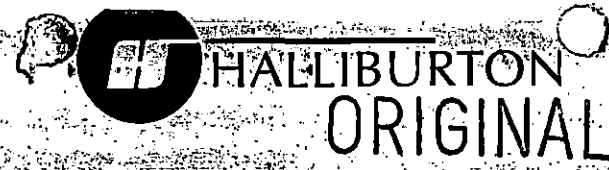
CEMENT LEFT IN PIPE _____

FEET 43.1 REASON Shoe Joint

CUSTOMER Aradar Ko Del
 LEASE Bressler A
 WELL NO. 1-H
 JOB TYPE Comp String DATE 6-3-94

REPRODUCTION COPY

REMIT TO:
P. O. BOX 951046
DALLAS, TX 75395-1046



INVOICE

INVOICE NO.	DATE
677688	06/03/1999

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
BRESSLER "A" 1H		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		NORSEMAN	CEMENT PRODUCTION CASING		06/03/1999
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	TERRY LEWIS		32876	COMPANY TRUCK	7076

ANADARKO PETROLEUM CORP
 BOX X
 ELKHART, KS 67950

DIRECT CORRESPONDENCE TO:
 OKLAHOMA TOWER
 210 WEST PARK AVENUE
 SUITE 2000
 OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	64 MI		2.75	176.00
		1 UNT			
001-016	CEMENTING CASING	2445 FT		1,395.00	1,395.00
		1 UNT			
030-016	CEMENTING PLUG SW ALUM TOP	5 1/2 IN		60.00	60.00
		1 EA			
018-315	MUD FLUSH	1260 GAL		.65	819.00
314-163	CLAYFIX II	4 GAL		24.00	96.00
12A	GUIDE SHOE - 5 1/2" BRD THD.	1 EA		121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1 EA		110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2" - 4 5/8"	1 EA		55.00	55.00
815.19311					
40	CENTRALIZER-5-1/2 X 8-1/2	14 EA		44.00	616.00
806.60022					
350	HALLIBURTON WELD-A	1 LB		14.50	14.50
890.10802					
504-050	CEMENT - PREMIUM PLUS	100 SK		10.34	1,034.00
504-120	CEMENT - HALL LIGHT PREM PLUS	200 SK		9.28	1,856.00
507-210	FLOCELE	50 LB		1.65	82.50
509-406	ANHYDROUS CALCIUM CHLORIDE	4 SK		36.75	147.00
507-153	CFR-3	28 LB		4.85	135.80
507-665	HALAD-9	56 LB		8.85	495.60
508-112	MICROBOND	1000 LB		.90	900.00
509-968	SALT	847 LB		.15	127.05
500-207	BULK SERVICE CHARGE	323		1.35	436.05
500-306	MILEAGE CMTG MAT DEL OR RETURN	488.016		.95	463.62
INVOICE SUBTOTAL					9,142.12

***** CONTINUED ON NEXT PAGE *****

TERMS: 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 date of invoice. Customer agrees to pay interest on any unpaid balance from the date payment is due at the highest lawful contract rate applicable in the state of Oklahoma.



INVOICE

INVOICE NO.	DATE
677688	06/03/1994

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
BRESSLER "A" 1H	MORTON	KS	SAME

SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	NORSEMAN	CEMENT PRODUCTION CASINO	06/03/1994

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	TERRY LEWIS		33876	COMPANY TRUCK	70767

ANADARKO PETROLEUM CORP
BOX X
ELKHART, KS 67950

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				3,745.25-
	INVOICE BID AMOUNT				5,396.87
	*-KANSAS STATE SALES TAX				162.02
	*-SEWARD COUNTY SALES TAX				33.06

4700-3540

FINAL APPROVAL	
APPROVED	LOCATION
LIBERAL OPERATIONS RECEIVED	
JUN 10 1994	
APPROVED	IDC
DATE	TANGIBLE
CODE	OPERATIONS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$5,591.95

TERMS: 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 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.