

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

API NO. 15- _____ 129-21,335-00-00

County MORTON

SW - SW - NE - NE Sec. 32 Twp. 33S Rge. 41 X W

1250 Feet from X (circle one) Line of Section

1250 Feet from X (circle one) Line of Section

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

Lease Name LAUCK "A" Well # 1

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3360.6 KB --

Total Depth 2410 PBDT 2345

Amount of Surface Pipe Set and Cemented at 802 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 457
(Data must be collected from the Reserve Pit)

Chloride content 86,691 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name _____ License No. _____

Quarter MARK 1 Sec. 1 Twp. 33S S Rng. _____ E/W

County FROM CORP Docket No. INITIAL

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: PANHANDLE EASTERN PIPELINE COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING, INC.

License: 3779

Wellsite Geologist: NA

Designate Type of Completion
X New Well _____ Re-Entry _____ Workover _____

Oil _____ SWD _____ SLOW _____ Temp. Abd.
X 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 _____ PBDT
Commingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Inj?) _____ Docket No. _____

10/1/94 _____ 10/3/94 _____ 1/23/95 _____
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
LESLIE I. BARNES
Title SR. TECHNICAL ASSISTANT Date 1/25/95

Subscribed and sworn to before me this 25 day of January,
19 95.

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)

STATE CORPORATION COMMISSION
JAN 21 1995
1-31-95
CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name LAUCK "A" Well # 1

Sec. 32 Twp. 33S Rge. 41 East County MORTON West

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

Drill Stem Tests Taken (Attach Additional Sheets.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List All E.Logs Run:

Log Formation (Top), Depth and Datums
Table with columns: Name, Top, Datum. Rows include B. CIMARRON, WELLINGTON, KRIDER SS, KRIDER LS, WINFIELD, TOWANDA, FT. RILEY.

CASING RECORD
Table with columns: 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. Rows for SURFACE and PRODUCTION.

ADDITIONAL CEMENTING/SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

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

TUBING RECORD
Table with columns: Size NONE, Set At, Packer At, Liner Run Yes No.

Date of First, Resumed Production, SWD or Inj. 1/12/95
Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours
Table with columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: Vented Sold Used on Lease
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
Production Interval: 1978-2100 OA

CONFIDENTIAL

ORIGINAL

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

JAN 27

COP

API # 15-129-21335

WELL NAME: LAUCK A-1
SECTION 32-33S-41W
MORTON COUNTY, KANSAS

COMMENCED: SEPTEMBER 30, 1994

COMPLETED: OCTOBER 4, 1994

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth From	To	Formation	Remarks
0	1000	Sand & Redbed	Ran 19 jts of 24#
1001	1140	Glorietta Sand	8 5/8" csg set @
1141	2410	Redbed & Shale	802'; w/250 SX of
		RECEIVED	75/25 Pozmix; 1/4#
		MAR 1 1997	SX Flocele; Tailed
		FROM CONFIDENTIAL	w/150 SX Common; 3%
			CC; 1/4# sx Flocele;
			Plug down at 1:30
			a.m. on 10/02/94.

Ran 55 jts 5 1/2" 15.5#, Set @ 2357'; w/210 SX Class C; 20% Diacel D; 2% CC; 1/4# SX Flocele; Tailed w/40 SX Class C; 10% Diacel D; 2% CC; 1/4# SX Flocele; Plug down at 4:30 p.m., on 10/04/94

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.

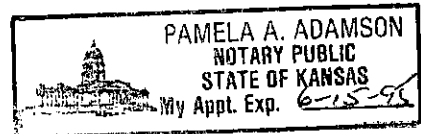
NORSEMAN DRILLING, INC.

James P. Reilly

JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this

October 6, 1994



My Appointment Expires:

June 15, 1995

Pamela A. Adamson

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

STATE OF KANSAS
JAN 27 1995
CONFIDENTIAL

CUSTOMER Anadarko	WELL NO. A-1	LEASE LAUCK	JOB TYPE 8 3/4 S.P.	TICKET NO. 635292
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0915							Called-out — now
	0950							ON loc. — T.O.H
	0001							Safety Meeting — Rig-up
	0046							Run Crg.
	0100							Hook-up to circ. JAN 27
								Hook-up to cmt. 601
								Mix cmt.
	0104	0-6	57.4					0/150 Pump lead @ 13.5
	0112	6-5	28.3					150/150 Pump tail @ 16.4
	0118	5-0						95% Shot DWN — Drop plug — wash-up
	0121	0-6	48.9					Pump Displ. — wash-up trk.
		6-4						250/200 Reduce Rate
	0133	4-0						250/150 Plug landed
	0134							175% Release PRESS — Float "hold"
								5 Cmt. to SURFACE
								Thanks for calling Halliburton
								Tom & CREW
								RELEASED
								MAR 11 1997
								FROM CONFIDENTIAL
								STATE OF OKLAHOMA
								JAN 21 1995
								CONSUMER PROTECTION DIVISION

WELL DATA

FIELD _____ SEC. 32 TWP. 33S 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		8 5/8	KB	813	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	810	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-1-94</u>	DATE <u>10-1-94</u>	DATE <u>10-2-94</u>	DATE <u>10-2-94</u>
TIME <u>0915</u>	TIME <u>2150</u>	TIME <u>0100</u>	TIME <u>0140</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSEAT/Fill-up 8 5/8</u>	<u>1</u>	<u>Hawco</u>
FLOAT SHOE		
GUIDE SHOE <u>TEXAS</u>	<u>1</u>	<u>"</u>
CENTRALIZERS <u>Reg</u>	<u>3</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>SW</u>	<u>"</u>	<u>"</u>
HEAD <u>M.F</u>	<u>"</u>	<u>"</u>
BRAKER <u>Basket</u>	<u>"</u>	<u>"</u>
OTHER <u>WELK A</u>	<u>"</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Poyer</u>	<u>4004/P.U.</u>	<u>Liberal ks</u>
<u>N. Woody</u>	<u>76900/7570-4</u>	<u>" "</u>
<u>M. Howe</u>	<u>6616/Bulk</u>	<u>Hugoton, ks</u>
<u>S. Porter</u>	<u>5302/Bulk</u>	<u>" "</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 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
 DESCRIPTION OF JOB Set SURFACE pipe
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X E. Chittman

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>250</u>	<u>75/25 1/2</u>		<u>B</u>	<u>2% CC - 1/4 Flocc</u>	<u>1.29</u>	<u>13.5</u>
	<u>150</u>	<u>H</u>			<u>3% CC - 1/4 Flocc</u>	<u>1.06</u>	<u>16.4</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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 44.85 REASON Shoe Ht.

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL. BBL. GAL. 48.9
 CEMENT SLURRY 57.4 + 28.3
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

Cement to SURFACE

DATE 10-1-94
 TIME 11:00
 HALLIBURTON DIVISION



CHARGE TO: Anadacko
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY
 TICKET No. **635292 - 9**
 PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>25540</u>	WELL/PROJECT NO. <u>A-1</u>	LEASE <u>Lauck</u>	COUNTY/PARISH <u>Mortain</u>	STATE <u>LA</u>	CITY/OFFSHORE LOCATION	DATE <u>10-15-94</u>	OWNER <u>205</u>
2. <u>25535</u>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR <u>NORSEMAN #2</u>	RIG NAME/NO. <u>021</u>	SHIPPED VIA <u>WELLSITE</u>	DELIVERED TO	ORDER NO. <u>27-335-4/10</u>
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION	27-335-4/10 27-335-4/10 27-335-4/10	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
000-117					MILEAGE	EA	mi	2.95	187.00
001-016					Pump Chg	6	hrs		890.00
030-018					Swi Tap plug	1	EA		130.00
116A	830.2171				Tx pattern shoe				161.00
24A	815.19502				INSERT FLWT				171.00
27	815.19415				Fidh Assy				55.00
40	806.61048				CENTRALIZER	3	EA	65.00	195.00
320	806.70060				BASKETS	1	EA		122.00
350	490.10802				Howes weld	1	EA		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. E. Dettmer

DATE SIGNED: _____ TIME SIGNED: _____ 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 <u>1975.50</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		<input checked="" type="checkbox"/>			
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?		<input checked="" type="checkbox"/>			FROM CONTINUATION PAGE(S) <u>5596.10</u>
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?		<input checked="" type="checkbox"/>			SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>7521.16</u>
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		<input checked="" type="checkbox"/>			
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE?		<input checked="" 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>E. DETTMER</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X. E. Dettmer</u>	HALLIBURTON OPERATOR/ENGINEER <u>Tom Taylor</u>	EMP # <u>48120</u>	HALLIBURTON APPROVAL
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HALLIBURTON

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 635292

HALLIBURTON ENERGY SERVICES

DC 4

FORM 1911 R-10

CUSTOMER APC	WELL Lauck	DATE 10-01-94	PAGE 2	OF 25
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF		QTY.	U/M			
504-043	516.00272				Premium Cement	150	sk	10 61	1591 50	
					75/25 Poz	250	sk			
504-043	516.00272				Premium Cement	187	sk	10 61	1984 07	
506-105	516.00286				Pozmix A	5438	LB	.0 74	402 41	
507-277	516.00259				Halliburton Gel	4	sk	18 60	74 40	
507-210	890.60071				Flocele	88	LB	1 65	145 20	
509-406	890.50812				Calcium Chloride	7	sk	36 75	257 25	
SERVICE CHARGE					CUBIC FEET					
					TON MILES		424		1 35	522 40
500-207					MILEAGE CHARGE	TOTAL WEIGHT	38,320	LOADED MILES	34	
500-306										
					TON MILES		651.44		95	618 8

ORIGINAL

FROM CONTINUATION

JAN 8 1995
COMMERCIAL DIVISION

No. B 262958

CONTINUATION TOTAL

JOB LOG HAL-2013-C

DATE: 10-4-94
PAGE NO: 1
TICKET NO: 635167

CUSTOMER: ANADARKO P.O. Corp
WELL NO.: 1
LEASE: LAUCK "A"
JOB TYPE: 5 1/2" LONGSTAINING

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	07:30							CALLED OUT READY AHEAD.
	10:30							ON LOC RIG L.R.D.P.
	12:00							BUT OUT OF HOLE
	13:00							START CASING
	15:15							CASING ON BOTTOM
	15:34							CIRC W/ RIG
	15:45							HOOK TO HALLIBURTON
	15:47	3.8	50		X		250	START PREFLUID
	16:00	5.8	100.169		X		250	START SBRG CMT @ 12 ¹ / ₂ GAL
	16:17	7	14.9		X		125	START TAGS CMT @ 15 ¹ / ₂ GAL
	16:19				X		0	SHUT DOWN
	16:21				X		0	DROP PLUG WASH PUMPS & LINGS TO PIT
	16:23	4	Slate		X		0	START DISPLACEMENT W/ GREASE WATER
	16:37				X		525	PLUG DOWN / FLOAT HOLDING
	16:38				X		1250	RELEASE

CIRC TO PIT
16 BBLs
33 SKS

THANK YOU FOR CALLING
HALLIBURTON ENERGY SERVICES
ROBERT E CREW



JOB SUMMARY

HALLIBURTON DIVISION MED CONT.
 HALLIBURTON LOCATION LIBERAL KS

BILLED ON TICKET NO. 1035167

WELL DATA

FIELD _____ SEC. 32 TWP. 33 S. RING. 41 W. 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 2416

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>		<u>5 1/2</u>	<u>K.B.</u>	<u>2413</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>G.L.</u>	<u>2416</u>	SHOTS/FT.
PERFORATIONS			ORIGINAL			
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert w/ fill</u>	<u>1</u>	<u>H</u>
FLOAT SHOE		<u>0</u>
GUIDE SHOE <u>Reg</u>	<u>1</u>	<u>W</u>
CENTRALIZERS <u>S-4</u>	<u>14</u>	<u>C</u>
BOTTOM PLUG		<u>H B</u>
TOP PLUG <u>S-WAVER</u>	<u>1</u>	<u>0</u>
HEAD <u>QCPC</u>	<u>1</u>	<u>W</u>
PACKER		<u>C</u>
OTHER		<u>0</u>

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-4-94</u>	DATE <u>10-4-94</u>	DATE <u>10-4-94</u>	DATE <u>10-4-94</u>
TIME <u>02:30</u>	TIME <u>10:30</u>	TIME <u>15:45</u>	TIME <u>16:38</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. ELWOOD</u>	<u>40075</u>	<u>LIBERAL KS</u>
<u>D. NEFFERT</u>	<u>P.O. 52938</u>	<u>"</u>
<u>E. 1591</u>	<u>7848 (P)</u>	<u>"</u>
<u>C. CAMPBELL</u>	<u>52827</u>	<u>"</u>
<u>G. 2569</u>	<u>5839 (B)</u>	<u>Horton KS</u>
<u>J. ADLER</u>	<u>50866</u>	<u>"</u>
<u>G. 3813</u>	<u>7649 (A)</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. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT CMT
 DESCRIPTION OF JOB 5 1/2" Long string
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X Rocco Elwood for Shuey
 HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>210</u>	<u>Prem Plus</u>	<u>C</u>	<u>B.</u>	<u>30% Dinc. U.P., 2% C.C., 1/4% /oz Flocc.,</u>	<u>2.69</u>	<u>12</u>
	<u>40</u>	<u>Prem Plus</u>	<u>C</u>	<u>A</u>	<u>10% Dinc. U.P., 2% C.C., 1/4% /oz Flocc.</u>	<u>2.09</u>	<u>13</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BBL.-GAL. 10, 30, 10 TYPE 22 KSC, M.F., 22 KSC
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL (BBL) GAL. 56.6
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY (BBL) GAL. 100.69 + 14.9
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 43.82 REASON SHOE JOINT

CUSTOMER: AMARCO Petroleum
 LEASE: Layer "A"
 WELL NO: 1
 JOB TYPE: 5 1/2" Long string update 10-4-94



HALLIBURTON ENERGY SERVICES

FORM 1908 R-13

CHARGE TO:
ANADARCO PETROLEUM CORP
 ADDRESS
 CITY, STATE, ZIP CODE

COPY

TICKET *WT*

No. **635167 - 5**

PAGE 1 OF 1

SERVICE LOCATIONS 1. 025510 Liberal	WELL/PROJECT NO. 1	LEASE LAUCK "A"	COUNTY/PARISH MORTON	STATE Ks	CITY/OFFSHORE LOCATION	DATE 10-4-94	OWNER SAME
2. 025535 Hugobon	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR NORSEMAN DRG.	RIG NAME/NO. 2	SHIPPED VIA TRUCK	DELIVERED TO LOCATION	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT	
		LOC	ACCT.	DF									
000-117					MILEAGE	1	U	126	MP	2	75	346	50
001-018					Pump Charge	10	HR	2410	FT			1395	00
030-016					SWEPER Top Plug	5 1/2	IN	1	EA			60	00
12A	825.205				Req GUIDE SHOE	5 1/2	IN	1	EA			121	00
24A	815.19251				FLOAT INSERT	5 1/2	IN	1	EA			110	00
27	815.19311				Fillup Assembly	5 1/2	IN	1	EA			55	00
40	806.60022				CENTRALIZERS	5 1/2	IN	14	EA	44	00	616	00
314-613					CLAY FIX II	1	GAL	2	EA	24	00	48	00
018-315					MVA FLUSH	1	GAL	1260	EA	65		819	00

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.

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 3,570 50
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	<input checked="" type="checkbox"/>			FROM CONTINUATION PAGE(S) 6070 85	
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?	<input checked="" type="checkbox"/>				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 9,641 35
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	<input checked="" type="checkbox"/>				
DATE SIGNED	TIME SIGNED	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" 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		TREE CONNECTION	TYPE VALVE		<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) <i>John S. H. H.</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>Robert Elwood</i>	HALLIBURTON OPERATOR/ENGINEER ROBERT ELWOOD	EMP # 09360	HALLIBURTON APPROVAL
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HALLIBURTON

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 635/67

HALLIBURTON ENERGY SERVICES

13 M.G.

CUSTOMER Anadarko Petroleum Corp. WELL Lauck "A" #1 DATE 10-04-94 PAGE 2 OF 2

FORM 1911 R-10

Table with columns: PRICE REFERENCE, SECONDARY REFERENCE/PART NUMBER, ACCOUNTING (LOC, ACCT, DF), DESCRIPTION, QTY., U/M, UNIT PRICE, AMOUNT. Includes items like Premium Plus Cement, Flocele, Calcium Chloride, Diacel D, and a SERVICE CHARGE row.

ORIGINAL

RECEIVED
PART 1097
FROM CONFIDENTIAL

500-207

SERVICE CHARGE

CUBIC FEET

518

1 35

699 30

500-306

MILEAGE CHARGE

TOTAL WEIGHT 28,287

LOADED MILES 35

TON MILES 495.0225

95

470 27

No. B 262967

CONTINUATION TOTAL

6070.85