

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

API NO. 15- 129-21407
County Morton
NE - SE - NW - NE Sec. 8 Twp. 34 Rge. 41
950 Feet from NX (circle one) Line of Section
1600 Feet from EX (circle one) Line of Section

ORIGINAL

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

Lease Name WILLIAMS "M" Well # 1H
Field Name HUGOTON
Producing Formation CHASE
Elevation: Ground 3398.8 KB --
Total Depth 2440 PBDT 2100

CONFIDENTIAL

Amount of Surface Pipe Set and Cemented at 456 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 alt I 4-22-96
(Data must be collected from the Reserve Pit)

Chloride content 12500 ppm Fluid volume 400 bbls
Dewatering method used NATURAL EVAPORATION
Location of fluid disposal if hauled offsite: KCC

Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

Operator: License # 4549
Name: ANADARKO PETROLEUM CORPORATION
Address P. O. BOX 351
City/State/Zip LIBERAL, KANSAS 67905-0351
Purchaser: ANADARKO TRADING COMPANY
Operator Contact Person: J. L. ASHTON
Phone (316) 624-6253
Contractor: Name: BIG "A" DRILLING INC.
License: 31572
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. _____
11-9-95 11-12-95 12-22-95
Spud Date Date Reached TD Completion Date

RELEASED

MAR 11 1997

FROM CONFIDENTIAL

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 David W. Kapple
Title DIVISION DRILLING ENGINEER Date 1/19/96
Subscribed and sworn to before me this 19th day of January, 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)

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

JAN 23 1996

CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name WILLIAMS "M" Well # 1H

Sec. 8 Twp. 34 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	DAY CREEK	440	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BLAINE	840	
List All E.Logs Run: CNL-LDT, DIL, MSFL, SBT-GR.		GLORIETTA	1030	
		CIMARRON ANHY	1410	
		WELLINGTON	1890	
		HERRINGTON	2080	
		KRIDER	2130	
		WINFIELD	2184	
		DAY CREEK	2320	

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	24	456	MIDCON 2/ PREM PLUS	50/120	3% CC/2%CC 1/4#SK FLOC.
PRODUCTION	7.875	5.5	15.5	2298	MIDCON 2 11.1/ 12.8 PPG	95/105	2%CC/2%CC 0.6%HALAD-322

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	
		2	2131-2143, CIBP @ 2100'
2	1962-1972, 1987-1991, 2008-2013'	ACID: 570 GAL 7-1/2% FEHCL. FRAC: 12500 GAL 2% KCL WTR & 42000# 20/40 SD.	1962-2013' (OA)

TUBING RECORD NONE	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 1-12-96	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 Mcf 1002	Water Bbls. 0	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

Method of completion: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 1962-2013 (OA)



HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Md. Cont.
Ligeest, Ks

BILLED ON TICKET NO. 880615

CUSTOMER: Anderson Pipe Line
LEASE: Williams
WELL NO.: 1-H
JOB TYPE: 8 5/8 Sucker
DATE: 10-9-95

WELL DATA

FIELD _____ SEC 8 TWP 34S RING 41W COUNTY Monroe 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		24	8 5/8	KB	458	
LINER						
TUBING						
OPEN HOLE				GL	458	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

CONFIDENTIAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert Float</u>	<u>1</u>	<u>Houco</u>
FLOAT SHOE <u>Fillip</u>	<u>1</u>	
GUIDE SHOE <u>Tx RT.</u>	<u>3</u>	
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER <u>Basket</u>		
OTHER <u>Houco weld A</u>	<u>1/LB</u>	

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-9</u>	DATE <u>10-9</u>	DATE <u>10-9</u>	DATE <u>10-9</u>
TIME <u>1115</u>	TIME <u>1345</u>	TIME <u>1740</u>	TIME <u>1815</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Olson</u>	<u>420041</u>	<u>Ligeest Ks</u>
<u>R. Elwood</u>	<u>59779</u>	<u>Ks</u>
<u>M. Langworth</u>	<u>52938 A</u>	<u>11</u>
	<u>04360</u>	<u>7131</u>
	<u>50404</u>	<u>Hogata Ks</u>
	<u>69510</u>	<u>6610</u>

DEPARTMENT CONCRETE "A1"

DESCRIPTION OF JOB Stops Seize

JAN 19

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____

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

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FROM CONFIDENTIAL

DEPARTMENT CONCRETE "A1"

DESCRIPTION OF JOB Stops Seize

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

CUSTOMER REPRESENTATIVE Xym Gulew

HALLIBURTON OPERATOR Dennis Lopez

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>50</u>	<u>Whicow</u>	<u>Prom T</u>	<u>3% CC</u>	<u>1/4# Flocc</u>	<u>3.22</u>	<u>11.1</u>
	<u>100</u>	<u>Prom MIB</u>		<u>2% CC</u>		<u>1.32</u>	<u>14.8</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 40 77 REASON Shoe Joint

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 26.4

CEMENT SLURRY: BBL.-GAL. 56.88

TOTAL VOLUME: BBL.-GAL. _____

REMARKS RECEIVED

STATE OF _____

JAN 23 1996

CUSTOMER DIVISION

CUSTOMER



HALLIBURTON

JOB LOG HAL-2013-C

DATE

10-9-95

PAGE NO.

CUSTOMER *Amador Petro*

WELL NO. *1-H*

LEASE *Williams m*

JOB TYPE *2 3/4 Surface*

TICKET NO. *880615*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1115							Time Colled
	1200							Time Ready
	1345							Time on loc. ORIGINAL
	1715							Start Pumping Casing
	1740							Casing in Hole CONFIDENTIAL
	1748							Hook up to Circulate Casing
	1750							Circulate Casing w/ Pig Pump
	1752							Circulate Mud to Sandstone
	1755	5.5						Hook up to Pump Truck
	1800		28.67			150		Start Mixing Cement
	1805		28.21			150		Start Tail Cement
	1806		56.88			175		Finish Mixing Cement
	1807	5				175		Shut Down Deep Plug
	1815	3.5	26.4			200		Start Displacement
						100		Plug Down
								was. Pumps & lines
								17.52
								112 BBL
								Thanks For Calling Halliburton Energy Group

ALL
JAN 19
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RECEIVED
STATE CORPORATION COMMISSION
JAN 28 1996
KANSAS COMMISSION



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Amoco Petroleum Corp.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

DUNCAN COPY

TICKET

880615 - X

SERVICE LOCATIONS

1. Liberal Ks 25540
 2. Highway Ks 25535

WELL/PROJECT NO.

1-H

LEASE

Williams

COUNTY/PARISH

Morton

STATE

Ks

CITY/OFFSHORE LOCATION

Loc.

TICKET TYPE
 SERVICE
 SALES

NITROGEN JOB?
 YES
 NO

CONTRACTOR

Big A Drilling

RIG NAME NO.

8 3/8 Service

SHIPPED VIA

Loc.

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FROM CONFIDENTIAL
 DATE: 10-9-95
 ORDER NO: 95
 OWNER: Amoco Petroleum
 INVOICE: 880615
 PAGE: 1

WELL TYPE

02.03

WELL CATEGORY

010

JOB PURPOSE

8 3/8 Service

WELL PERMIT NO.

Koe Wilburton Ks

REFERRAL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1	ORIGINAL		MILEAGE	112	Miles			2.85	319.20
001-016		1	ORIGINAL		Pump charge		FF				630
030-018		1	ORIGINAL		Sun Top Plug	1	Each	8%		130.18	130.18
16 A	830-2131	1	ORIGINAL		Guide Shoe	1	Each	8%		233	233.18
24 A	815-19502	1	ORIGINAL		Insect Float	1	Each	8%		171	171.18
27	815-19415	1	ORIGINAL		Filip	1	Each	8%		64	64.18
40	806-61048	1	ORIGINAL		Centrifizers	3	Each	8%		61	183.18
320	806-71460	1	ORIGINAL		Basket	1	Each	8%		124	124.18
350	890-10802	1	ORIGINAL		Howco weld	1	Each	8%		16	16.18

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.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

SURVEY

AGREE UN-DECIDED DIS-AGREE

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: _____ TIME SIGNED: _____
 A.M. P.M.

DEPTH

SPACERS

CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

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 1870 95

FROM CONTINUATION PAGE(S) 2880 26

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)

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)

HALLIBURTON OPERATOR/ENGINEER

EMP # 59179

HALLIBURTON APPROVAL

Jim Barlow

Jim Barlow

Dennis Coar

59179



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 880615

HALLIBURTON ENERGY SERVICES

CUSTOMER: ARC, WELL: Williams 1-14, DATE: 11-18-95, PAGE: 1 OF 1

FORM 1911 R-10

Table with columns: PRICE REFERENCE, SECONDARY REFERENCE/PART NUMBER, ACCOUNTING (LOC, ACCT, DF), DESCRIPTION, QTY., U/M, UNIT PRICE, AMOUNT. Rows include items like 'Midical Premium Plus', 'Premium Plus Cement', 'Calcium Chloride', and 'Flocel'.

ORIGINAL

NOV JAN 19 CONFIDENTIAL

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FROM CONFIDENTIAL TO PUBLIC INFORMATION STATE OF MISSISSIPPI

JAN 2 1996

Summary rows for SERVICE CHARGE, MILEAGE CHARGE, TOTAL WEIGHT, LOADED MILES, CUBIC FEET, and TON MILES.

No. B 211928

CONTINUATION TOTAL 2880.26



HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

McClary
Liberal, KS

BILLED ON TICKET NO. 880619

KCC

WELL DATA

FIELD _____ SEC. 8 TWP. 34S RNG. 41W COUNTY Moore 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			5 1/2	13	2316	
LINER						
TUBING						
OPEN HOLE			7 1/2		2310	SHOTS/FT.
PERFORATIONS			ORIGINAL			
PERFORATIONS			ORIGINAL			
PERFORATIONS			ORIGINAL			

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-12</u>	DATE <u>11-13</u>	DATE <u>11-13</u>	DATE <u>11-13</u>
TIME <u>2:14S</u>	TIME <u>0015</u>	TIME <u>0340</u>	TIME <u>0445</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>5 1/2</u>	<u>1</u>	<u>Hanco</u>
FLOAT SHOE	<u>1</u>	
GUIDE SHOE <u>P2</u>	<u>1</u>	
CENTRALIZERS	<u>16</u>	
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD	<u>1</u>	
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Rose</u>	<u>420041</u>	<u>Liberal, KS</u>
<u>D. Maguire</u>	<u>52938A</u>	<u>"</u>
<u>G. McIntyre</u>	<u>611499</u>	<u>"</u>
<u>KCC</u>	<u>63755</u>	<u>50806/7588</u>

JAN 19
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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. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

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FROM CONFIDENTIAL

DEPARTMENT Contract
DESCRIPTION OF JOB 5% Prod. St. Slurry
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X
HALLIBURTON OPERATOR R. [unclear] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>5</u>	<u>1050</u>	<u>McClary 2</u>		<u>2.90 lb</u>		<u>3.22</u>	<u>11.1</u>
		<u>McClary 2</u>		<u>2.90 lb</u>	<u>4/10 % Haled 32.2</u>	<u>2.01</u>	<u>12.8</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 412 REASON Shoe joint

SUMMARY

PRESLUSH: BBL-GAL 10 BBL KCL 20 BBL TPF 10 BBL KCL
LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 53.74
CEMENT SLURRY: BBL-GAL 92.06
TOTAL VOLUME: BBL-GAL _____
REMARKS
STATE CORPORATION COMMISSION
JAN 23 1996

CUSTOMER: KCC
WELL NO.: 1-11111111
JOB TYPE: 5/8" Prod. St. Slurry
DATE: 11-16-93

JOB LOG HAL-2013-C

 CUSTOMER **Amador Petroleum** WELL NO. **1 H** LEASE **Williams** JOB TYPE **5 1/2 Prod String** TICKET NO. **880619**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2145							Time Called
	0030							Time Ready
	0015							Time outloc
								ORIGINAL
								Start Pumping Casing
								RELEASED
	0340							Casing in Hole
								MAR 11 1997
	0341							Hook up to Circulate Casing
	0348							Circulate Casing w/ Pump
	0350							Circulate Mud to Gravel Level
								CONFIDENTIAL
	0405							Hook up to Pump Truck
	0408	5	10			200		Start 2% KCL Ahead
	0410	/	20			200		Start Mud Flush
	0414	/	10			200		Start 2% KCL Behind
	0416	5.75				175		Start Mixing Cement
		/	54.48			150		Start Tail Cement
	0431	/	37.58			150		Finish Mixing Cement
	0438	/	97.06			150		Shut Down
								Drop Plug
	0435	5.0						Start Displacement
		/	53.74					was Pumps & lines
	0445	/				SSV		Plug Down
								Float Held
								Circulate Fluid Then
								control
								Thanks For Calling Halliburton Energy
								DeVries Corp.
								STATE COM. REG. NO. 111111111111
								T Crew
								JAN 23 1996



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Anderson Petro. Corp.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

DUNCAN COPY

TICKET

880619 - 3

RELEASED

MAR 1 1997

FROM CONFIDENTIAL

PAGE _____ OF _____

SERVICE LOCATIONS: Liberal Ks 25540
2 Hgo Tanks Ks 25535
 3. _____
 4. _____

WELL/PROJECT NO.: 1 H
 LEASE: Williams
 COUNTY/PARISH: Moreau
 STATE: Ks
 CITY/OFFSHORE LOCATION: _____
 DATE: 11-12-95
 OWNER: Anderson Petro

TICKET TYPE: SERVICE SALES
 NITROGEN JOB? YES NO
 CONTRACTOR: _____
 RIG NAME/NO.: B. & A. Ddy
 SHIPPED VIA: _____
 DELIVERED TO: loc
 ORDER NO.: _____

WELL TYPE: _____
 WELL CATEGORY: 02-03
 JOB PURPOSE: 035 5 1/2 Pect. String
 WELL PERMIT NO.: _____
 WELL LOCATION: NW of W. B. TON

REFERRAL LOCATION: _____
 INVOICE INSTRUCTIONS: _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M.	QTY.	U/M.	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1	ORIGINAL		MILEAGE	118	miles			2.85	336.30
001-016		1	ORIGINAL		Pump charge	2340	FT				1395.18
030-016		1	ORIGINAL		5wt Top Plug	1	End		5 1/2	60.18	60.18
12A	825-205	1	ORIGINAL		Guide shoe	1	End		5 1/2	121.18	121.18
24A	815-19751	1	ORIGINAL		Insert float	1			110	110.18	110.18
27	815-19311	1	ORIGINAL		Filling	1			69	69.18	69.18
40	806-60022	1	ORIGINAL		Centralizers	16			60	96.18	96.18
018-315		1	ORIGINAL		Mud Flush	840	RL			65	546.18
3 LEGAL/167					Ch. Fr. II	2	RL			28.18	56.18

CONFIDENTIAL JAN 19 1997

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: John Shuman
 TIME SIGNED: _____
 A.M. P.M.
 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

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?	AGREE	UN-DECIDED	DIS-AGREE
OUR SERVICE WAS PERFORMED WITHOUT DELAY?	AGREE	UN-DECIDED	DIS-AGREE
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	AGREE	UN-DECIDED	DIS-AGREE

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 3653
 FROM CONTINUATION PAGE(S): 4387
 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): John Shuman
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): John Shuman
 HALLIBURTON OPERATOR/ENGINEER: Dennis Lewis
 EMP #: 59179
 HALLIBURTON APPROVAL: _____



HALLIBURTON

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 880619

HALLIBURTON ENERGY SERVICES

CUSTOMER: APC WELL: W111111 DATE: 11-13-95 PAGE 1 OF 1

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
54280					Wp...	200		EA		14.39	3278.00	
54280	51600113					2000						
50315	1000000					376						
50317	7000000					4						
50318	7000000				Catena... 4L	4				36.13	147.00	
50319	5000000				H... 50	50				7.26	363.00	
ORIGINAL												
CONFIDENTIAL												
RELEASED												
MAR 1 1 1997												
FROM CONFIDENTIAL												
RECEIVED STATE OF KANSAS JAN 28 1996												
CONFIDENTIAL												
500207					SERVICE CHARGE	CUBIC FEET				1.25	294.00	
500208					MILEAGE CHARGE	TOTAL WEIGHT		LOADED MILES		95	255.00	
						19.517	27					
										CONTINUATION TOTAL		4387.68

No. B 211941