

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: NONE

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING, INC.

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: \_\_\_\_\_

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. \_\_\_\_\_

Spud Date 9/24/94 Date Reached TD 9/28/94 Completion Date 1/12/95  
\*\*PLUG BACK TO 2300'-COMPLETE AS GOING "B" 2A-H, HUGOTON INFILL WELL

API NO. 15- 129-21,340 -0000

County MORTON

SE - SE - NW - SE Sec. 35 Twp. 32S Rge. 41  E  W

1400 Feet from S/X (circle one) Line of Section

1432 Feet from E/X (circle one) Line of Section

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

Lease Name GOING "B" Well # 2A\*\*

Field Name WEST PANOMA COUNCIL GROVE

Producing Formation NONE

Elevation: Ground 3415 KB --

Total Depth 2900 PBDT 2300

Amount of Surface Pipe Set and Cemented at 787 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALTI 3-14-96  
(Data must be collected from the Reserve Pit)

Chloride content 154,380 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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.

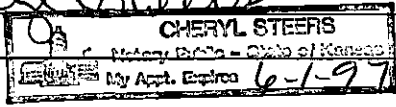
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Leslie I. Barnes  
Title SR. TECHNICAL ASSISTANT Date 1/19/95

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

Notary Public Cheeryl 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  
KANSAS CORPORATION COMMISSION

JAN 24 1995

CONSERVATION DIVISION  
WICHITA, KS

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name GOING "8" Well # 2A

Sec. 35 Twp. 32S 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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 List All E.Logs Run:

ORIGINAL

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
B. CIMARRON	1492	
KRIDER SS	2144	
KRIDER LS	2160	
WINFIELD	2201	
TOWANDA	2266	
FT. RILEY	2331	
COUNCIL GROVE	2430	

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	787	25/75 POZMIX/ COMMON	1000/150	2%CC, 1/4#SX FLOC/ 2%CC, 1/4#SX FLOC
PRODUCTION	7 7/8	5 1/2	15.5	2888	CLASS C/ CLASS C	215/40	20%DCD, 2%CC, 1/4#/SX FLOCELE/ 10%DCD, 1/4#/SX FLOCELE

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

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

TUBING RECORD      Size NONE      Set At      Packer At      Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. ABANDON DEEP ZONE, PLUG BACK FOR SHALLOW WELL      Producing Method  NONE  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours      Oil -- Bbls.      Gas -- Mcf      Water -- Bbls.      Gas-Oil Ratio      Gravity --

Disposition of Gas: NONE      METHOD OF COMPLETION      Production Interval

Vented  Sold  Used on Lease (If vented, submit ACO-18.)       Open Holc  Perf.  Dually Comp.  Conmingled      NONE

Other (Specify) \_\_\_\_\_

# ORIGINAL

API # 15-129-21340

## ATTACHMENT

GOING "B" NO. 2A  
SECTION 35-32S-41W  
MORTON COUNTY, KANSAS

<u>SHOTS PER FOOT</u>	<u>PERFORATION RECORD</u>	<u>ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD</u> <u>DEPTH</u>
2	2768-2781  CIBP @ 2700'	ACIDIZE W/1300 GALS 15% FE ACID & 34 B.S. (1.3 SG), FRAC W/9786 GALS 20# GELLED 2% KCL WTR & 20,966# 10/20 SAND 2760-81
2	2593-2599	ACIDIZE W/750 GALS 15% FE ACID & 18 B.S. (1.3 SG) 2593-99
2	2499-2506, 2477-79, 2462-70, 2450-54, 2434-44  CIBP @ 2412'	ACIDIZE IN 2' INTERVALS W/775 GALS 15% HCL ACID, 25 GALS/FT, ACIDIZE W/3100 GALS 15% FE ACID & 93 B.S. (1.3 SG), FRAC W/36,000 GALS 20# GELLED 2% KCL WTR & 130,000# 12/20 SAND 2434-2506

**RECEIVED**  
KANSAS CORPORATION COMMISSION

JAN 24 1995

CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL

WF

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

WELL NAME: GOING B-2 & B-2X  
SECTION 35-32S-41W  
MORTON COUNTY, KANSAS  
COMMENCED: SEPTEMBER 24, 1994  
COMPLETED: SEPTEMBER 29, 1994  
OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth From	To	Formation	Remarks
0	1104	Sand & Redbed	Ran 19 jts of 24#
1105	1239	Glorietta Sand	8 5/8" csg set @
1240	2799	Redbed & Shale	787'; w/1000 SX of ✓
2800	2900	Shale & Lime	75/25 pozmix; 2% CC; 1/4# SX Flocele; Tailed w/150 SX Common; 2% CC; 1/4# sx Flocele; Cement and Circulate 320 SX ✓ to pit; Plug down at 3:30 p.m. on 09/25/94.

Ran 67 jts 5 1/2" 15.5#, Set @ 2888'; w/215 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 6:00 p.m., on 09/29/94

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.

RECEIVED  
KANSAS CORPORATION COMMISSION

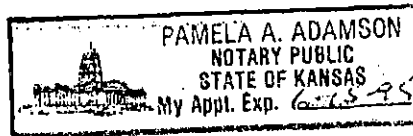
*James P. Reilly*  
JAMES P. REILLY, PRESIDENT

JAN 24 1995

CONSERVATION DIVISION  
WICHITA, KS

Subscribed & sworn to before me this

October 5, 1994



My Appointment Expires:

June 15, 1995

*Pamela A. Adamson*

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

# ORIGINAL



HALLIBURTON

DATE 9-29-94 PAGE NO.

JOB LOG HAL-2013-C

CUSTOMER ANADARKO PETROLEUM WELL NO. 2-A LEASE GOING "B" JOB TYPE 5 1/2 LONG STRING TICKET NO. 635121

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							CALLED OUT READY 1300
	1300							ON LOCT. L.D.D.P.
	1330							CALLED OFF TO GO ON KILL
	1500							JOB BACK AT 1500 HR.
	1500							START RUNNING CSG 5 1/2"
	1615							Hook up CEMENTING HEAD
	1626							✓ CIRCULATION TO PIT
	1637							Hook up TO CMT LINE
	1640	5	10				260	START SPACER 2% KCL
	1642	5	30					START MUD FUSH
	1648	5	10					START SPACER 2% KCL
	1650	5.7	103					START LEAD CMT 12 1/2 GAL
	1708	5	14.8					START TAIL CMT. 13 1/2 GAL
	1711	0	0				0	SHUT DOWN WASH LINES - DROPPING
	1716	6.4	58				700/700	START DISPLACEMENT. H <sub>2</sub> O
	1625	2	68				1250	SLOW RATE DOWN - 68 TOTAL BBL
	1630	0	0					PLUG LANDED - FLOAT HEAD
								JOB OVER
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL KS.
								HAVE A GOOD DAY
								BROADFOOT-MARTINEZ-M <sup>J</sup> INTYRE-BOONE

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 24 1995

CONSERVATION DIVISION  
WICHITA, KS

CUSTOMER ANADARKO PETROLEUM LEASE GOING WELL NO. 2A JOB TYPE 5 1/2" LONG STRING DATE 9-29-94

FIELD WEST PANDAA COUNCIL GROVE SEC 35 TWP 32S RNG. 41W COUNTY MORTON STATE KS.

**WELL DATA**

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 \_\_\_\_\_ MOD WT. \_\_\_\_\_  
 PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	861	2888	
CSG	U	24	8 3/8	61	787	✓
TUBING						
OPEN HOLE			7 7/8	787	2900	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

**JOB DATA**

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-29-94</u>	DATE <u>9-29-94</u>	DATE <u>9-29-94</u>	DATE <u>9-29-94</u>
TIME <u>1000</u>	TIME <u>1300</u>	TIME <u>1630</u>	TIME <u>1800</u>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT 5 1/2</u>	<u>1</u>	<u>H</u>
FLOAT SHOE <u>Fillup</u>	<u>1</u>	
GUIDE SHOE <u>REGULAR</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>S-4</u>	<u>14</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>5w</u>	<u>1</u>	
HEAD		<u>C</u>
PACKER		
OTHER		<u>0</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>T. BROADFOOT</u>	<u>4604</u>	<u>LIBERAL KS.</u>
<u>R. MARTINEZ</u>	<u>38242</u>	<u>"</u>
<u>D. MCINTYRE</u>	<u>52941</u>	<u>HUGOTON KS.</u>
<u>J. BOWNE</u>	<u>75496</u>	<u>"</u>
<u>M. HESTON</u>	<u>52920</u>	<u>LIBERAL KS.</u>
	<u>5303</u>	
	<u>4449</u>	
	<u>75505</u>	
	<u>76568</u>	<u>EXPLORER</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 \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.  
 OTHER \_\_\_\_\_

DEPARTMENT CEMENT  
 DESCRIPTION OF JOB CEMENT 5 1/2 LONG STRING.  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X John Shady  
 HALLIBURTON OPERATOR J. Broadfoot COPIES REQUESTED \_\_\_\_\_

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 JAN 24 1995  
 CONSERVATION DIVISION  
 WICHITA, KS

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>215</u>	<u>PREM PLUS</u>		<u>B</u>	<u>20% DIACEL D</u>	<u>2.69</u>	<u>12</u>
<u>1</u>	<u>40</u>	<u>PREM PLUS</u>		<u>B</u>	<u>20% DIACEL D</u>	<u>2.09</u>	<u>13</u>

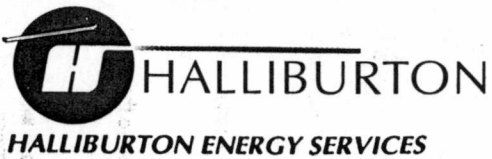
**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESURUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL BBL GAL. 68  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY BBL GAL. 103-14.8  
 HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 FEET 43 REASON SHOE JT.

REMARKS 10 BBL CMT PIT 27SKS ✓



CHARGE TO: AMERICAN  
 ADDRESS: P.O. Box 351  
 CITY, STATE, ZIP CODE: 19114 PA 19114-0351

COPY

TICKET

ORIGINAL

No.

635121 - 3

PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>LIBERAL PA 19112</u>	WELL/PROJECT NO. <u>2A</u>	LEASE <u>GOING "B"</u>	COUNTY/PARISH <u>TRINT</u>	STATE <u>PA</u>	CITY/OFFSHORE LOCATION	DATE <u>9-27-94</u>	OWNER <u>SAME</u>
2. <u>HIGHTON PA 02302</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>NORSEMAN DRILLING</u>	RIG NAME/NO. <u>NORSEMAN 2</u>	SHIPPED VIA <u>PU</u>	DELIVERED TO <u>LOUISIANA RIGGING</u>	ORDER NO.
3.	WELL TYPE <u>O2</u>	WELL CATEGORY <u>O1</u>	JOB PURPOSE <u>O35</u>	WELL PERMIT NO.	WELL LOCATION <u>35-325-41W</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
800-117					MILEAGE	58	mi	1	UNIT	2.75	159.50
001-016					Pump CHARGE	21	HR	6	HR		1455.00
030-016					Top PLUG	5	IN	1	EA		60.00
12A	825-205				REGULAR C-LOG SHEET						121.00
34A	815-19251				INSERT						110.00
27	515-19311				7-ILLUP						55.00
40	806-60022				CONT-2-2-2					44.00	606.00
314-163					CLA 7 x 11	2	HR	1	EA	24.00	48.00
015-313					PLUG FLASH					65.00	817.00

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 24 1995  
 CONSERVATION DIVISION  
 WICHITA, KS

<b>LEGAL TERMS:</b> Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, <b>PAYMENT, RELEASE, INDEMNITY,</b> and <b>LIMITED WARRANTY</b> provisions. CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <u>X</u>	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>344315</u>  FROM CONTINUATION PAGE(S) <u>606944</u>  SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>951214</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"/>			
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?		<input checked="" type="checkbox"/>			
DATE SIGNED <u>9-27-94</u>	TIME SIGNED <u>1500</u>	<input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M.	TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		
<input type="checkbox"/> I do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered			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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<u>X</u>			







HALLIBURTON

ORIGINAL

JOB LOG FORM 2013 R-4

DATE	PAGE NO.
9-25-94	
TICKET NO.	
634 974	

CUSTOMER	WELL NO.	LEASE	JOB TYPE
Amadarko	B-2	Going	Surface

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							Called out
	1230							on loc
	1356							Hook To circulate
	1420							Hook To Truck
	1426	6	229			0-100		Pump Lead Cement
	1508	6	28			100-150		Pump Tail Cement
	1509					-		Drop Plug
	1511	4	38			0-200		Pump Displacement
	1521	2	10			200-30		slow Rate
	1526					300-800		Land Plug Float Held
								Job Ended

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 24 1995

CONSERVATION DIVISION  
WICHITA, KS



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Midcontinent  
Liberal

BILLED ON TICKET NO. 634974

CUSTOMER Amador Co  
LEASE Going  
WELL NO. B-2  
JOB TYPE Surface  
DATE 9-25-94

### WELL DATA

FIELD \_\_\_\_\_ SEC. 35 TWP. 32S RNG. 91W 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	<u>N</u>	<u>261</u>	<u>8 5/8</u>	<u>G-1</u>	<u>788</u>	<input checked="" type="checkbox"/>
LINER						
TUBING						
OPEN HOLE			<u>600' 17 1/2</u>	<u>188' 12 1/4</u>		SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

### JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-25-94</u>	DATE <u>9-25-94</u>	DATE <u>9-25-94</u>	DATE <u>9-25-94</u>
TIME <u>1000</u>	TIME <u>1230</u>	TIME <u>1356</u>	TIME <u>1530</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>Tex Pat</u>	<u>1</u>	
CENTRALIZERS <u>54-8 5/8</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Crist</u>	<u>38242</u>	
<u>D 7653</u>	<u>PU</u>	
<u>R. Martinez</u>	<u>75496</u>	
<u>G 2731</u>	<u>RCM</u>	
<u>G. McIntyre</u>	<u>5302</u>	
<u>G 3755</u>	<u>B&amp;K</u>	
<u>D. McIntyre</u>	<u>7620</u>	
<u>D 9704</u>		
<u>Don Hamilton</u>		
<u>G 3090</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 \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

DEPARTMENT \_\_\_\_\_  
DESCRIPTION OF JOB JAN 24 1995  
CONSERVATION DIVISION  
JOB DONE THROUGH \_\_\_\_\_ CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE Ronald Crist  
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>1000</u>	<u>Prem 7 1/2 Poz</u>	<u>B</u>		<u>2% Gel 2% CC 1/4 floccle</u>	<u>1.29</u>	<u>14.5</u>
	<u>150</u>	<u>H</u>	<u>B</u>		<u>2% CC 1/4 floccle</u>	<u>1.06</u>	<u>16.4</u>

### PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 48.2  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 229LC 78 TC  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS 14 BB cmt To pit 322 Sacks  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 40.46 REASON Shoe