

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

API NO. 15- 129-21144-80-06

County Morton

C - SW - SW Sec. 2 Twp. 33S Rge. 40 X W

Operator: License # 4549

CONFIDENTIAL

660 Feet from S (circle one) Line of Section

Name: Anadarko Petroleum Corporation

660 Feet from E (circle one) Line of Section

Address P. O. Box 351

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

City/State/Zip Liberal, Kansas 67905-0351

Lease Name USA "K" Well # 2

Field Name Stirrup

Purchaser: _____

Producing Formation Morrow

Operator Contact Person: J. L. Ashton

Elevation: Ground 3271.4 KB NA

Phone (316) 624-6253

Total Depth 5680 PBDT 5524

Contractor: Name: Norseman Drilling, Inc

Amount of Surface Pipe Set and Cemented at 1547 Feet

License: 03779

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: NA

If yes, show depth set _____ Feet

Designate Type of Completion

New Well Re-Entry Workover

Oil SUD SIOW Temp. Abd.

Gas ENHR SIGW

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

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DLT 1 1-12-93 DP
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Chloride content 1000 ppm Fluid volume 7000 bbls

Well Name: _____

Dewatering method used Natural Evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SUD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SUD or Inj?) Docket No. _____

Operator Name **RELEASED**

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

11-3-92 11-13-92 12-9-92

Spud Date Date Reached TD Completion Date

County **FROM CONFIDENTIAL** Docket No. _____

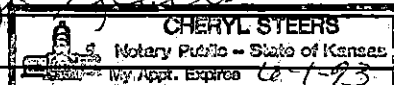
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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 Beverly J. Williams
Title Engineering Technician Date 1-4-92

Subscribed and sworn to before me this 14 day of January, 19 93.

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 SUD/Rep NEPA
 KGS Plug Other (Specify)

PI

Operator Name Anadarko Petroleum Corporation Lease Name USA "K" Well # 2

Sec. 2 Twp. 33S Rge. 40 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:

Log Formation (Top), Depth and Datum Sample

Name Top Datum

SEE ATTACHMENT

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	1547	Pozmix & Common	725	4% gel 2% cc 2% cc
Production	7 7/8	5 1/2	15.50	5591	Pozmix & Thixset	310	5#/sx Flocele 5#/sx gilsonite
		FO TOOL		2622	Pozmix	160	.03% Halad 34 2% cc

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	5276-5281	! /600 gals 7 1/2% fe acid	5276-81

TUBING RECORD Size 2 3/8 Set At 5267 Packer At - Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 12-9-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>67</u>	Gas Mcf <u>339</u>	Water Bbls. <u>-</u>	Gas-Oil Ratio <u>5059</u>	Gravity <u>41.2</u>
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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. Coningled Other (Specify)

Production Interval 5276-81

ATTACHMENT

RELEASED

FEB 2 8 1994

USA "K" No. 2
Section 2-33S-40W
Morton County, Kansas

FROM CONFIDENTIAL

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	1560
Chase	2254
Krider	2282
Winfield	2325
Towanda	2383
Ft. Riley	2447
Florence	2494
Council Grove	2552
Admire	2802
Wabaunsee	2986
Topeka	3228
Heebner	3716
Toronto	3728
Lansing	3812
Kansas City	4200
Marmaton	4490
Cherokee	4644
Morrow	5080
Morrow "D" Top	5240
Morrow "D" Base	5282
L. Morrow	5391
Keyes	5519
Ste. Genevieve	5612
TD	5680

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

JAN 4
CONFIDENTIAL

ORIGINAL



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO. 250968	DATE 11/19/1992
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WELL LEASE NO./PLANT NAME USA "K" 2	WELL/PLANT LOCATION MORTON	STATE KS	WELL/PLANT OWNER SAME
SERVICE LOCATION LIBERAL	CONTRACTOR NONE	JOB PURPOSE RECEMENT	TICKET DATE 11/19/1992
ACCT. NO. 019595	CUSTOMER AGENT JOHN SHILLING	VENDOR NO. 33876	CUSTOMER P.O. NUMBER COMPANY TRUCK
			FILE NO. 42930

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

RECEIVED
 KANSAS CORPORATION COMMISSION
 CONSERVATION DIVISION
 WICHITA, KS
 JAN 05 1993

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	20	MI	2.60	52.00
009-134	CEMENT SQUEEZE	2622	FT	1,125.00	1,125.00
009-019		1	UNT		
018-315	MUD FLUSH	1000	GAL	.60	600.00
504-120	HAZEL LIGHT - PREMIUM PLUS	160	SK	7.82	1,251.20
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	26.50	79.50
500-207	BULK SERVICE CHARGE	164	CFT	1.15	190.90
500-306	MILEAGE OMTS MAT DEL OR RETURN	149.950	TMI	.80	119.96
INVOICE SUBTOTAL					3,418.56
DISCOUNT-(BID)					512.77-
INVOICE BID AMOUNT					2,905.79
* - KANSAS STATE SALES TAX					117.40
* - SEWARD COUNTY SALES TAX					23.96
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,047.15

4029 - 2063
[Handwritten signature]

JAN 4
 CONFIDENTIAL

RELEASED
 FEB 28 1994

ORIGINAL
 FROM CONFIDENTIAL

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
NOV 24 1992	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



BW

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
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251280 11/04/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA "K" 2		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		NORSEMAN #1		CEMENT SURFACE CASING		11/04/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	JOHN SHILLING		33876	COMPANY TRUCK	42413	

RECEIVED
 KANSAS CORPORATION COMMISSION
 CONSERVATION DIVISION
 WICHITA, KS
 JAN 05 1993

DIRECT CORRESPONDENCE TO:
 ANADARKO PETROLEUM CORP.
 P. O. BOX 351
 LIBERAL, KS 67905-0351
 FIRST OKLAHOMA TOWER
 100 WEST PARK AVENUE
 SUITE 2050
 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	20	MI	2.60	52.00
001-016	CEMENTING CASING	1547	FT	1,020.00	1,020.00
030-018	CEMENTING PLUS SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
12A 825.217	GUIDE SHOE - 8 5/8" BRD THD.	1	EA	216.00	216.00
24A 815.19502	INSERT FLOAT VALVE - 8 5/8"	1	EA	171.00	171.00
27 815.19415	FILL-UP UNIT 7"- 8 5/8"	1	EA	30.00	30.00
40 807.93059	CENTRALIZER 8-5/8" X 12.25"	3	EA	62.00	186.00
320 800.8888	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
350 890.10802	HALLIBURTON WELD-A	1	LB	11.50	11.50
504-043	PREMIUM CEMENT	200	SK	8.44	1,698.00
504-043	PREMIUM CEMENT	263	SK	8.44	2,219.72
506-105	POZMIX A	19383	LB	.064	1,240.83
506-121	HALLIBURTON-GEL 2%	9	LB	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	9	SK	14.75	132.75
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	26.50	344.50
500-207	BULK SERVICE CHARGE	769	CFT	1.15	884.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	654.69	TMI	.80	525.95
INVOICE SUBTOTAL					8,974.00
DISCOUNT-(BID)					3,726.22-
INVOICE BID AMOUNT					5,247.78

ORIGINAL

4/29-2041
16

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

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE, UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
251280	11/04/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
USA "K" 2		MORTON		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	NORSEMAN #1	CEMENT SURFACE CASINO		11/04/1992	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		36876	COMPANY TRUCK	42413

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				227.20
	*-SEWARD COUNTY SALES TAX				46.37
RELEASED					
FEB 28 1994					
FROM CONFIDENTIAL					
JAN 4					
CONFIDENTIAL					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,521.35

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

4029-2041
16

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM, IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE				
251285	11/14/1992				
WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
USA "K" 2	MORTON	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	NORSEMAN #1	CEMENT PRODUCTION CASINO	11/14/1992		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019395	JOHN SHILLING		33876	COMPANY TRUCK	42770

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67903-0351

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KANSAS CORPORATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	DISCOUNT-(BIDD INVOICE BID AMOUNT				2,393.21- 7,317.45
	4-KANSAS STATE SALES TAX				217.76
	4-SEWARD COUNTY SALES TAX				44.46
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$7,579.67

RELEASED
FEB 2 8 1994

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 05 1993
CONSERVATION DIVISION
WICHITA, KS

FROM CONFIDENTIAL

JAN 4
CONFIDENTIAL

ORIGINAL

4029-2041
HT

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE				
251285	11/14/1992				
WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
USA "K" 2	MORTON	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	NORSEMAN #1	CEMENT PRODUCTION CASING	11/14/1992		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		35876	COMPANY TRUCK	42770

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351

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PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA MILEAGE	20	MI	2.60	52.00
001-016	CEMENTING CASING	1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5608	FT	1,520.00	1,520.00
12A	GUIDE SHOE - 5 1/2" BRD THD.	1	EA	50.00	50.00
825.205		1	EA	121.00	121.00
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1	EA	83.00	83.00
815.1925		1	EA	83.00	83.00
27	FILL-UP UNIT 5 1/2" - 6 5/8"	1	EA	30.00	30.00
815.1931		1	EA	30.00	30.00
40	CENTRALIZER 5-1/2" X 7 7/8"	17	EA	44.00	748.00
807.9302		17	EA	44.00	748.00
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883		1	EA	90.00	90.00
350	HALLIBURTON WELD-A	1	LB	11.50	11.50
890.1090		1	LB	11.50	11.50
018-315	MUD FLUSH	1260	GAL	1.60	2016.00
218-758	CLAYFIX II	4	GAL	20.00	80.00
504-043	PREMIUM CEMENT	225	SK	8.44	1,899.00
504-118	HALLIBURTON LIGHT CEMENT - PREM	50	SK	7.66	383.00
507-210	FLOCELE	56	LB	1.30	72.80
507-778	HALAD-3A	63	LB	20.25	1,275.75
508-101	THIXSET COMPONENT A	212	LB	5.35	1,134.20
508-103	THIXSET COMPONENT B	53	LB	8.40	445.20
508-291	GILSONITE BULK	1125	LB	.35	393.75
500-207	BULK SERVICE CHARGE	302	CFT	1.15	347.30
500-306	MILEAGE CMTG MAT DEL OR RETURN	272.700	TMI	.80	218.16
INVOICE SUBTOTAL					9,710.66

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

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.