

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

ORIGINAL

API NO. 15- 129-211410000

County Morton

- C - NW - SW Sec. 11 Twp. 33S Rge. 40 X E

1980 Feet from S/W (circle one) Line of Section

660 Feet from E/W (circle one) Line of Section

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

Lease Name USA "AD" Well # 1

Field Name Stirrup

Producing Formation Morrow

Elevation: Ground 3275.6 KB NA

Total Depth 5760 PBDT 5489

Amount of Surface Pipe Set and Cemented at 1577 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 cnt.

Drilling Fluid Management Plan ALTI 12-18-92
(Data must be collected from the Reserve Pit)

Chloride content 750 ppm Fluid volume 5000 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. _____

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Texaco Trading & Transportation

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Norseman Drilling, Inc.

License: 03779

Wellsite Geologist: NA

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

X Oil _____ SVD _____ SIGW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW _____
_____ Dry _____ Other (Core, WSM, Expl., Cathodic, etc)

RELEASED
FEB 9
FROM CONFIDENTIAL

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

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. _____

10-2-92 10-15-92 11-16-92
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 Beverly J. Williams
Beverly J. Williams

Title Engineering Technician Date 11-30-92

Subscribed and sworn to before me this 30th day of November 19 92

Notary Public Cheryl Steers

Date Commission Expires _____

CHERYL STEERS
Notary Public, State of Kansas
My Appt. Expires 6-1-93

KANSAS CORPORATION COMMISSION OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

DISTRIBUTION

KCC _____ SW/Rep _____ NGPA _____
KS _____ Plug _____ Other _____
(Specify)

DEC 02 1992
12-18-92
WICHITA, KS

Operator Name Anadarko Petroleum Corporation

Lease Name USA "AD"

Well # 1

Sec. 11 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.)

Log Formation (Top), Depth and Datum Sample
Name Top Datum

SEE ATTACHMENT

List All E.Logs Run:

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#	1577	Pozmix & Class "H"	775	4% tot gel 2% CC
Production	7 7/8	5 1/2	15.50#	5512	Pozmix & Thixset	185	1#/sk flocele 5#/sk gel 0.3% Halad 344
			FO Tool	2651	Pozmix	120	

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	5408-5412
4	5392-5408	F/19,500 gals 40# x-linked gelled	
		2% KCL wtr & 72,250# 16/30 sd	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	5363.72			
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
11-16-92					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	184	44	28	4182	35.4

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: 5392-5412 O.A.

ORIGINAL

ATTACHMENT

USA "AD" NO. 1
SECTION 11-33S-40W
MORTON COUNTY, KANSAS

RELEASED

DEC 2 1992

FROM CONFIDENTIAL

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	1583
Chase	2301
Council Grove	2603
Admire	2842
Wabaunsee	3030
Topeka	3274
Heebner	3777
Toronto	3792
Lansing	3892
Kansas City	4295
Marmaton	4584
Cherokee	4778
Morrow	5206
"D" Sand	5388
L. Morrow	5517
Keyes	5650
Chester	5710
St. Genevieve	5737
TD	5760

DEC 1 1993
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 02 1992
CONSERVATION DIVISION
WICHITA, KS

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

RECEIVED
 KANSAS CORPORATION COMMISSION

DEC 02 1992

CONSERVATION DIVISION
 WICHITA, KS

WELL NAME: USA "AD" #1
 SECTION 11-33S-40W
 MORTON COUNTY, KANSAS

COMMENCED: OCTOBER 2, 1992

COMPLETED: OCTOBER 17, 1992

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth From	To	Formation	Remarks
0	1189	Sand & Redbed	Ran 39 jts of 24#
1190	1300	Glorietta Sand	8 5/8" csg set @
1301	2780	Redbed	1570'; w/575 SX of
2781	5760	Lime-Shale	50/50 posmix-4% Gel-2%CC Tailed with 200 SX Class H-2%CC Job complete at 4:30 a.m. 10/4/92.

DEC 1 1992
 CONFIDENTIAL

Ran 5 1/2" 15.50#,
 Set @ 5512'; Cement
 w/50 SX 65/35 pozmix
 plus 135 SX Thix;
 Set 1/4# Floseal;
 5# SX Gelsonite;
 Plug down @ 2:30
 a.m. on 10/17/92.

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 27, 1992 _____

My Appointment Expires:

_____ August 25, 1996 _____

Mary F. Combs

 Mary F. Combs, Notary Public
 8515 S. West Street
 Wichita, KS 67233



ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
251017	10/21/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA AD 1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		NONE		CEMENT PRODUCTION CASING		10/21/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876		COMPANY TRUCK	41593

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

RELEASED
FEB 4 1994

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

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA 000-117	A - EASTERN AREA1 MILEAGE	25	MI	2.60	65.00 *
009-019	PLUGGING BK SPOT CEMENT OR MUD	2651	FT	1,125.00	1,125.00 *
018-315	MUD FLUSH	840	GAL	.60	504.00
218-739	CLAYFIX II	6	GAL	20.00	120.00
504-118	HALLIBURTON LIGHT CEMENT -PREM	125	SK	7.24	905.00 *
500-207	BULK SERVICE CHARGE	125	CFT	1.15	143.75 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	144.1	TMI	.80	115.28 *
INVOICE SUBTOTAL					2,978.03
DISCOUNT-(BID)					446.70-
INVOICE BID AMOUNT					2,531.33
*-KANSAS STATE SALES TAX					98.05
*-SEWARD COUNTY SALES TAX					20.00
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,649.38

2127-204
KH

DEC 1 1993

Jim Sackow

11/5/92

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 2 1992
CONSERVATION DIVISION
WICHITA, KS

ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
251017	10/21/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA AD 1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		NONE		CEMENT PRODUCTION CASING		10/21/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	JOHN SHILLING		33876	COMPANY TRUCK	41593	

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
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	25	MI	2.60	65.00 *
009-019	PLUGGING BK SPOT CEMENT OR MUD	2651	FT	1,125.00	1,125.00 *
018-315	MUD FLUSH	840	GAL	.60	504.00
218-738	CLAYFIX II	6	GAL	20.00	120.00
504-118	HALLIBURTON LIGHT CEMENT -PREM	125	SK	7.24	905.00 *
500-207	BULK SERVICE CHARGE	125	CFT	1.15	143.75 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	144.1	TMI	.80	115.28 *
INVOICE SUBTOTAL					2,978.03
DISCOUNT-(BID)					446.70-
INVOICE BID AMOUNT					2,531.33
*-KANSAS STATE SALES TAX					98.05
*-SEWARD COUNTY SALES TAX					20.00
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,649.38

2127-2041
KH

OPERATIONS RECEIVED
OCT 29 1992
OPERATIONS

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 02 1992
CONSERVATION DIVISION
WICHITA, KS

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.



ORIGINAL HALLIBURTON SERVICES

INVOICE

A Halliburton Company

INVOICE NO.	DATE
216673	10/03/1992

WELL LEASE NO./PLANT NAME USA AD 1		WELL/PLANT LOCATION NORTON		STATE KS	WELL/PLANT OWNER SABIC
SERVICE LOCATION LIBERAL		CONTRACTOR HORSEMAN #1		JOB PURPOSE CEMENT SURFACE CASING	
TICKET DATE 10/03/1992		ACCT. NO. 019595		CUSTOMER AGENT JOHN SHILLING	
VENDOR NO.		CUSTOMER P.O. NUMBER 33776		SHIPPED VIA COMPANY TRUCK	
FILE NO. 40759					

DIRECT CORRESPONDENCE TO:
ANADARKO PETROLEUM CORP. 1 FIRST OKLAHOMA TOWER
P. O. BOX 351 210 WEST PARK AVENUE
LIBERAL, KS 67905-0351 SUITE 2050
OKLAHOMA CITY, OK 73102-5601

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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	1527	FT	1,020.00	1,020.00
030-016	CEMENTING PLUG 5W ALUM TOP	8 5/8	IN	100.00	100.00
12A	WIDE SHOULDER - 8 5/8" STD TRD.	1	EA	216.00	216.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" STD	1	EA	171.00	171.00
815.1950					
27	FILL-UP UNIT 7" - 8 5/8"	1	EA	30.00	30.00
815.1941					
40	CENTRALIZED 8-5/8" X 12.25"	4	EA	62.00	248.00
807.23059					
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
800.8888					
504-043	PREMIUM CEMENT	200	SK	7.74	1,548.00
504-043	PREMIUM CEMENT	288	SK	7.74	2,228.72
506-105	POZMIX A	21238	LB	.06	1,274.28
506-121	HALLIBURTON-GEL 2%	10	LB	.00	N/C
507-277	HALLIBURTON-GEL BENTON	10	SK	14.75	147.50
509-406	ANHYDROUS CALCIUM CHLORIDE	14	SK	25.50	357.00
500-207	BULK SERVICE CHARGE	823	CFI	1.15	946.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	701.520	MI	.80	561.22
INVOICE SUBTOTAL					9,134.17
DISCOUNT-(BID)					3,702.54-
INVOICE BID AMOUNT					5,431.63
*-KANSAS STATE SALES TAX					295.67

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 02 1992

CONSERVATION DIVISION
WICHITA, KS

***** 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



INVOICE

ORIGINAL

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
216873	10/03/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA AD 1		MORTON		KS	SAFE	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		NORSEMAN #1		CEREM SURFACE CASING		10/03/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	JOHN SHILLING		39876	COMPANY TRUCK	40759	

AMADARKO 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
	*--SEWARD COUNTY SALES TAX				48.11
<p><i>Jim Coulson</i></p> <p>RECEIVED KANSAS CORPORATION COMMISSION DEC 02 1992 CONSERVATION DIVISION WICHITA, KS</p> <p>2127-2041 KH</p> <p>OCT 14 1992</p> <p>APPROVED _____ DATE _____ CODED BY _____</p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,715.41

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