

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

API NO. 15- 129-21,148-00-00

County Morton

-W/2 - NE - NW Sec. 11 Twp. 33S Rge. 40 X ^E _W

Operator: License # 4549

660 Feet from S (N) (circle one) Line of Section

Name: Anadarko Petroleum Corporation

1830 Feet from E (W) (circle one) Line of Section

Address P. O. Box 351

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

City/State/Zip Liberal, KS 67905-0351

Lease Name USA "AC" Well # 1

Purchaser: Texaco Trading & Transportation Co.

Field Name Stirrup

Operator Contact Person: J. L. Ashton

Producing Formation U. Morrow "D"

Phone (316) 624-6253

Elevation: Ground 3285.7 KB NA

Contractor: Name: Norseman Drilling Company

Total Depth 5600 PBTB 5543

License: 03779

Amount of Surface Pipe Set and Cemented at 1586 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion:

X New Well Re-Entry Temp. And

X Oil SWD SLOW Temp. And

Gas ENHR SIGW Temp. And

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

If yes show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cnt.

Drilling Fluid Management Plan ALT 1 / -21-93
(Data must be collected from the Reserve Pit)

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 PBTB

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

11-18-92 12-1-92 12-22-92

Spud Date Date Reached TD Completion Date

Chloride content 1300 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.

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.

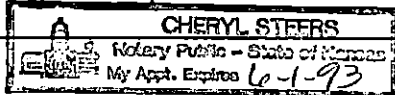
Signature Beverly J. Williams

Title Engineering Technician Date 1-12-93

Subscribed and sworn to before me this 12th 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 NGPA
 KGS Plug Other (Specify)

P1

Operator Name Anadarko Petroleum Corporation Lease Name USA "AC" Well # 1

Sec. 11 Twp. 33S Rgs. 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 New 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#	1586	Pozmix & Class "H"	750	4% gel, 2% cc 2% cc
Production	7 7/8	5 1/2	15.50#	5558	Pozmix & Thixset	205	1#/sx Flocele 5#/sx Gilsonite
		FO TOOL		2702	Pozmix	130	

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	5376-5400, 5357-70	A/in 2' intervals, 50 gal/ft w/1850 gals 7 1/2% fe acid.	5357-5400
		A/3700 gals 7 1/2% fe acid.	

TUBING RECORD

Size	Set At	Packer At	Liner Run
2 7/8	5366	-	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 12-18-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	300	91	-	303	40.2

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: 5357-5400 O.A.

ATTACHMENT

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

RECORDED

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	1598
Chase	2306
Krider	2334
Winfield	2376
Towanda	2436
Ft. Riley	2502
Florence	2550
Council Grove	2613
Admire	2858
Wabaunsee	3040
Topeka	3287
Heebner	3787
Toronto	3799
Lansing	3883
Kansas City	4284
Marmaton	4581
Cherokee	4738
Morrow	5194
Top "D"	5356
Base "D"	5401
Lower Morrow	5511
TD	5600

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 13 1993
CONSERVATION DIVISION
WICHITA, KS

JAN 12

ORIGINAL

RT,

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

ORIGINAL

WELL NAME: USA "AC" No. 1
SECTION 11-33S-40W
MORTON COUNTY, KANSAS

COMMENCED: NOVEMBER 18, 1992

COMPLETED: DECEMBER 3, 1992

OPERATOR: ANADARKO PETROLEUM CORPORATION

JAN 12
GARDNER, KANSAS

Depth From	To	Formation	Remarks
0	1157	Sand & Redbed	Ran 39 jts of 24#
1158	1330	Glorietta Sand	8 5/8" csg set @
1331	2400	Redbed	1586'; w/525 SX of
2401	5600	Lime-Shale	50/50 posmix-4% Gel-2%CC Tailed with 200 SX Class H-2%CC Job complete at 12:30 p.m. 11/19/92.
			Ran 5 1/2" 15.50#, Set @ 5598'; Cement w/50 SX 65/35 pozmix plus 155 SX Thix; Set 1/4# Floseal; 5# SX Gelsonite; Plug down @ 5:45 p.m. on 12/3/92.

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 13 1993
CONSERVATION DIVISION
WICHITA, KS

STATE OF KANSAS)I, the undersigned, being duly sworn on
COUNTY OF SEDGWICK)oath, state that the above Drillers' Well
)Log is true and correct to the best of my
)knowledge and belief and according to the
)records of this office.

NORSEMAN DRILLING, INC.

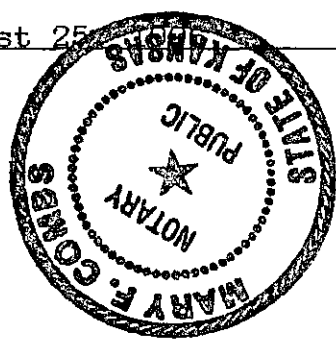
James P. Reilly
JAMES P. REILLY, PRESIDENT

Subscribed & sworn to before me this

December 10, 1992

My Appointment Expires:

August 25, 1995



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



The Western Company
of North America

INVOICE NO. 411443	OUR RECEIPT NO. 239669	DATE 12/08/92
YOUR ORDER NO.		
02800	1225	93200

REMIT TO: P.O. BOX 911543
DALLAS, TX 75391-1543

ANADARKO PRODUCTION
BOX 351
LIBERAL KS 67901

SERVICES FROM OUR STATION AT PERRYTON CEMENTING	OUR ENGINEER REYNOLDS	SIGNED FOR YOU BY SCHILLING
FOR SERVICING WELL NAME USA AC 1	COUNTY MORTON	STATE KS 15

FEDERAL I.D. NO. C 75-0763484

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE/UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT
F0575	CEMENT THRU DP/TB, 2501 - 3000'	8HRS	1.0	1150.000			1,150.00
K1005	MILEAGE CHARGE, PER UNIT	MILE	55.0	2.700			148.50
K1025	MILEAGE AUTO/PICK-UP/TREATING VAN	MILE	55.0	1.380			75.90
P482F	PACESTR LITE PREM, PERRYTON, TX	SACK	130.0	7.200			936.00
P3095	WMW-1	GAL	840.0	.490			411.60
P0615	POTASSIUM CHLORIDE	LB	550.0	.260			143.00
M1005	BULK MATERIALS SVC CHG-LAND JOBS	CU FT	149.0	1.230			183.27
M2305	DELIVERY CHG BULK MATLS	TONMI	344.0	.820			282.08
90300	SALES CONCESSION ON BID JOBS						638.88

RECEIVED
 KANSAS CORPORATION COMMISS
 JAN 13 1993
 CONSERVATION DIVISION
 WICHITA, KS

4028-2041
14

ORIGINAL

EXPLORATION	
WELL	LOCAL
LIBERAL OPERATIONS RECEIVED	
DEC 11 1992	
PROJECT	IDC
DATE	
CODED BY	OPERATION

HALLIBURTON SERVICES

A Halliburton Company

P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

INVOICE NO.	DATE
304815	12/03/1992

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
USA AC 1	MORTON	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	NORSEMAN #2	CEMENT PRODUCTION CASING	12/03/1992		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	43579

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
 JAN 13 1993
 CONSERVATION DIVISION
 WICHITA, KS

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	5600	FT	1,520.00	1,520.00
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2	IN	50.00	50.00
018-315	MUD FLUSH	1260	GAL	.60	756.00
218-738	CLAYFIX II	15	GBL	20.00	300.00
504-043	PREMIUM CEMENT	55	SK	8.44	1,308.20
504-118	HALLIBURTON LIGHT CEMENT -PREM	50	SK	7.66	383.00
507-210	FLOCELE	37	LB	1.30	50.70
507-778	HALAD-344	44	LB	20.25	891.00
508-101	THIXSET COMPONENT A	146	LB	5.35	781.10
508-103	THIXSET COMPONENT B	37	LB	8.40	310.80
508-291	GILSONITE BULK	775	LB	.35	271.25
500-207	BULK SERVICE CHARGE	224	CFT	1.15	257.60
500-206	MILEAGE CHRG MAT DEL OR RETURN	202.220	TMI	.80	161.78

RELEASED
FEB 28 1994

FROM CONFIDENTIAL

INVOICE SUBTOTAL

DISCOUNT--(BID)
INVOICE BID AMOUNT

*--KANSAS STATE SALES TAX
*--SEWARD COUNTY SALES TAX

FINAL APPROVAL	
DATE	LOCATION
LIBERAL OPERATIONS RECEIVED	
DEC 15 1992	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

ORIGINAL

JAN 12 1993
CONFIDENTIAL

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$5,478.27

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.



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
251024	11/19/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA AC 1		MORTON		KS	SAFE	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		NORSEMAN #1		CEMENT SURFACE CASING		11/19/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	JOHN SHILLING		32876	COMPANY TRUCK	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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				235.27
	*-SEWARD COUNTY SALES TAX				48.03
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$5,706.97

*4028-2001
 JH*

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 13 1993
 CONSERVATION DIVISION
 WICHITA, KS

ORIGINAL



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

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

INVOICE NO.	DATE
251024	11/19/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA AC 1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL		NORSEMAN #1	CEMENT SURFACE CASING		11/19/1992	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	JOHN SHILLING		33876	COMPANY TRUCK	42930	

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

DIRECT CORRESPONDENCE TO:
 FIRST OKLAHOMA TOWER
 210 WEST PARK AVENUE
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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	1601	FT	1,020.00	1,020.00
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
825.217		1	EA	216.00	216.00
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.1950		1	EA	171.00	171.00
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	30.00	30.00
815.1941		1	EA	30.00	30.00
40	CENTRALIZER 8-5/8" X 12.25"	4	EA	62.00	248.00
807.9305		4	EA	62.00	248.00
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
800.8688		1	EA	122.00	122.00
350	HALLIBURTON WELD-	1	LB	11.50	11.50
890.1080		1	LB	11.50	11.50
504-043	PREMIUM CEMENT	275	SK	8.44	2,321.00
506-105	POZMIX A	20350	LB	.064	1,302.40
506-121	HALLIBURTON-GEL 2X		LB	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	9	SK	14.75	132.75
504-043	PREMIUM CEMENT	200	SK	8.44	1,688.00
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	26.50	344.50
500-207	BULK SERVICE CHARGE	794	CFT	1.15	913.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	678.880	THI	.80	543.10
INVOICE SUBTOTAL					9,245.35
DISCOUNT-(BID)					3,821.68
INVOICE BID AMOUNT					5,423.67

ORIGINAL

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