

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

APl NO. 15- 129-21,103-00-00  
County Morton  
App. S/2 - SW - SE Sec. 3 Twp. 33S Rge. 40 X U

Operator: License # 4549

660 Feet from S (circle one) Line of Section  
1993 650 Feet from E (circle one) Line of Section

Name: Anadarko Petroleum Corp.

Address P. O. Box 351

RELEASED FROM CONFIDENTIAL

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

City/State/Zip Liberal, Kansas 67905-0351

Lease Name Ratzlaff "E" Well # 1

Purchaser: Texaco Trading & Transportation

Field Name Stirrup

Operator Contact Person: J. L. Ashton

Producing Formation Upper Morrow

Phone (316) 624-6253

Elevation: Ground 3252.6 KB

Contractor: Name: Gabbert-Jones, Inc.

Total Depth 5900 PBDT 5380

License: 5842

Amount of Surface Pipe Set and Cemented at 1531 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
X New Well Re-Entry Workover

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

X Oil SWD SLOW 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.

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

Drilling Fluid Management Plan AIT  
(Data must be collected from the Reserve Pit)

Operator: \_\_\_\_\_

Chloride content 1200 ppm Fluid volume 5000 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/SWD  
Plug Back PBDT  
Commingled Docket No.  
Dual Completion Docket No.  
Other (SWD or Inj?) Docket No.

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

License No. \_\_\_\_\_

10-8-91 10-18-91 12-10-91  
Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. S Rng. E/W

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 1-27-92

Subscribed and sworn to before me this 27 day of January  
19 92

Notary Public Cheryl Steers

Date Commission Expires \_\_\_\_\_

CHERYL STEERS  
My Appt. Expires 6-1-93

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)

Operator Name Anadarko Petroleum Corporation Lease Name Ratzlaff "E" Well # 1

Sec. 3 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<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	See Attachment.		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
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#	1531	Pozmix & Class "H"	725	4% gel 2% cc 2% cc
Production	7 7/8	5 1/2	15.5#	5899	LW & Thix-Set	310	1/4#/sxs flocele 5#/sxs gilsonite

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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	5808-18 CIBP set @ 5380	None Pmp 2 sxs cmt on plug	
	5280-5307	Sqz perms. Cmt w/25 sxs Micro-Matrix + 25 sxs Class "H"	
4	5288-5303	A/2' intervals w/50 gals 7 1/2% HCL acid/ft.	

<b>TUBING RECORD</b>	Size 2 3/8	Set At 5234	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------------	---------------	----------------	-------------------	---

Date of First, Resumed Production, SWD or Inj. 12-10-91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. 97	Gas Mcf 33	Water Bbls. 0	Gas-Oil Ratio 340	Gravity 39.6 @ 60°
-----------------------------------	-----------------	---------------	------------------	----------------------	-----------------------

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 5288-5303

# ORIGINAL

## ATTACHMENT

RATZLAFF "E" No. 1  
Section 3-33S-40W  
Morton County, Kansas

<u>NAME</u>	<u>TOP</u>
B/Stone Corral	1546
Chase	2244
Winfield	2310
Council Grove	2542
Admire	2789
Wabaunsee	2976
Topeka	3218
Heebner	3712
Toronto	3728
Lansing	3830
Kansas City	4210
Marmaton	4382
Cherokee	4696
T. Morrow	5106
L. Morrow	5423
Chester	5630
St. Genevieve	5646
St. Louis	5794
TD	5900

JAN 28 1995  
CONFIDENTIAL

RELEASED

FEB 22 1993

FROM CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 29 1992

CONSERVATION DIVISION  
WICHITA, KS



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

HALLIBURTON SERVICES

ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
142369	10/20/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
DARTLAND #1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL		CERT # 7 JONES #11	CEMENT PRODUCTION CASING		10/20/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019594	WIM RABLOW		33876	COMPANY TRUCK	24201	

JAN 28 1993  
CONFIDENTIAL

DIRECT CORRESPONDENCE TO:  
 ANADARKO PETROLEUM CORP  
 P. O. BOX 351  
 LIBERAL, KS 67905-0351

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 - MID CONTINENT MILEAGE			2.60	104.00
001-016	CEMENTING CASING	5900	FT	0.00	1,520.00
030-016	CEMENTING PLUG 5W ALUM TOP	1	EA	50.00	50.00
018-315	MUD FLUSH	2100	GAL	.55	1,155.00
218-738	CLAYFL	4	GAL	20.00	80.00
019-240	CASING SWIVEL W/WALL CLEANERS	1	EA	150.00	150.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	105.00	105.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.1925					
27	FILL UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.1931					
40	CENTRALIZER 5-1/2" MODEL S-4	14	EA	44.00	616.00
807.9302					
60	ROT WALL CLEANER 2 1/8" SPIKE	16	EA	22.00	352.00
807.0007					
66	FAS RIP LIMIT CLAMP 5 1/2"	34	EA	11.30	384.20
807.6403					
23	CEMENTER FO-5 1/2 8RD	1	EA	1,610.00	1,610.00
813.0151					
20	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883					
350	HALLIBURTON WFLD-3	1	LB	11.50	11.50
890.1080					
504 043	PREMIUM CEMENT	260	SK	6.85	1,781.00
574-118	HALLIBURTON LIGHT CEMENT PREM	50	SK	6.48	324.00
507-210	FLOCCLE	65	LB	1.30	84.50
508-01	THIXSET COMPONENT A	244	LB	5.35	1,305.40
508-03	THIXSET COMPONENT B	61	LB	8.15	497.15

RELEASED

FEB 22 1993

FROM CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

JAN 29 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 ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES

A Halliburton Company

REMIT TO:

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

VOICE

ORIGINAL

INVOICE NO.	DATE
142369	10/20/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
REZZIA F E-1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
LITREDA		GARRIOTT JONES #11	CEMENT PRODUCTION CASING		10/20/1991	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
01250	TIM BARLOW		33826	COMPANY TRUCK	24201	

RELEASED  
FEB 22 1993  
JAN 28 1993  
FROM CONFIDENTIAL  
CONFIDENTIAL

DIRECT CORRESPONDENCE TO:  
ANEMARKO PETROLEUM CORP  
P. O. BOX 351  
LIBERAL, KS 67505-0351

WEST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
500	GILSONITE BULK	1300	LB	.35	455.00 *
500	BULK SERVICE CHARGE	340	CFT	1.15	391.00 *
500	MILEAGE CMTG MAT DEL OR RETURN	294.27	TMI	.80	235.37 *
INVOICE SUBTOTAL					11,414.12
DISCOUNT--(BID)					2,784.91-
INVOICE BID AMOUNT					8,629.21
*- KANSAS STATE SALES TAX					270.84
*- SEWARD COUNTY SALES TAX					63.75
INVOICE TOTAL PLEASE PAY THIS AMOUNT					\$8,963.80

*Jim Barlow*

*10/20/91*

*4661-2041*  
*KA*

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 29 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.



INVOICE

REMIT TO: P O BOX 201526 HOUSTON TX 77216

INVOICE DATE
10/10/91

757028  
ANADARKO PETROLEUM CORP  
BOX 351  
LITERAL KS 67701

PAGE
1

INVOICE NUMBER
83-12-0068

TYPE SERVICE
CEMENTING CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
SATSLAFF 191	KS	HORTON	WYLSSES	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 7-325-404			10/09/91	JAN 28 1993 CONFIDENTIAL NEW SHILLINE	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059260002	MILEAGE, ALL OTHER EQUIPMENT	MI	18	2.6500	47.70
059697000	PACK TREAT ANALYSIS RECORDER	JOB	1	125.0000	125.00
102071029	CSNG CHNT 1501-2000' 1ST BR	CHR	1	1,000.0000	1,000.00
047102000	TRANSPORTATION CHNT TON MILE	MI	593	.8000	474.40
049100000	SERVICE ENG CEMENT MATL LAB	CFT	780	1.1500	897.00
040015000	0909, CEMENT CLASS II	CFT	463	7.2500	3,356.75
045008000	D35, LITEFOZ 3 EXTENDER	CFT	262	3.5000	917.00
045014050	D20, BENTONITE EXTENDER	LBS	1754	.1600	282.24
067005100	S1, CALCIUM CHLORIDE	DS	1258	.3400	427.72
048601000	CEMENT HEAD RENTAL	JOB	1	.0000	N/C
056704005	PLUG CERG 8-5/8' TOP AL CORE	EA	1	150.0000	150.00
	DISCOUNT - MATERIAL				2,053.48
	DISCOUNT - SERVICE				1,017.64

RELEASED

FEB 22 1993

FROM CONFIDENTIAL

SUB TOTAL -- 4,606.69

3,000.23 130.91

3,000.23 30.80

AMOUNT DUE -- 4,769.40

H C STATE TAX ON  
H F C LOCAL TAX ON

4661-2041

Jim. Carlow

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 29 1992  
CONSERVATION DIVISION  
WICHITA, KS

WITH QUESTIONS CALL 316-358-1275  
FEDERAL TAX ID # 30-239-7173  
TERMS -- NET 30 DAYS DUE ON OR BEFORE NOV 09, 1991

THANK YOU, WE APPRECIATE YOUR BUSINESS.

J. B. Watson  
T. J. WATSON

WELL NAME: RATZLAFF "E" - 1  
 SEC 3-33S-40W  
 MORTON COUNTY, KANSAS

COMMENCED: 10-8-91

COMPLETED: 10-20-91

OPERATOR: ANARDARKO PETROLEUM CORP

JAN 28 1993  
 CONFIDENTIAL

R-9

Depth From	To	Formation	Remarks
0	580	Sand-Clay	Ran 37 jts 24# 8 5/8" csg. LD
580	1120	Redbed	@ 1531' w/525 sks 50/50 Posmix
1120	1182	Glorietta Sand	4% Gel 2% CC 200 sks Class H
1182	2050	Redbed	2% CC. PD @ 11:15PM 10-9-91.
2050	2673	Shale	
2673	3550	Shale-Lime	Ran 145 jus of 15 1/2# 5 1/2" csg. LD
3550	3765	Lime-Shale	@ 5899' w/50 sks 65/35 Posmix - 260
3765	3947	Shale-Lime	sks Fixset 1/4 # CF. 5# Gilsonite.
3947	4309	Lime-Shale	FO Tool @ 4347. PD @ 4:15PM 10-20-91.
4309	4410	Shale-Lime	RR @ 5:15PM 10-20-91.
4410	4740	Lime-Shale	
4740	5100	Shale-Lime	
5100	5320	Lime-Shale	
5320	5465	Shale-Lime	
5465	5730	Lime-Shale	
5730	5900	Shale-Lime	

RELEASED

22 1093

FROM CONFIDENTIAL

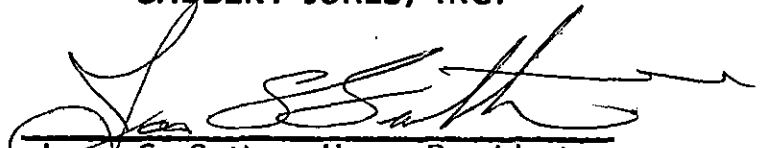
5900 - TD

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JAN 29 1992  
 CONSERVATION DIVISION  
 WICHITA, KS

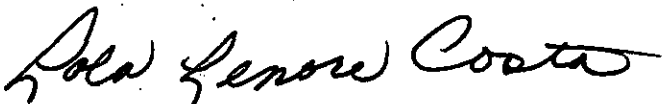
STATE OF KANSAS  
 COUNTY OF SEDGWICK

) 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 records of this office.

GABBERT-JONES, INC.

  
 James S. Sutton, II. -- President

Subscribed & sworn to before me this  
24th day of October, 1991.

  
 Lola Lenore Costa

My commission expires Nov. 21, 1992

