

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- 129-21,108-00-00 JAN 31

County Morton CONFIDENTIAL

C -N/2 - SW - NW Sec. 11 Twp. 33S Rge. 40 X W

Operator: License # 4549

FEET FROM SE 13630 Feet from (S) (circle one) Line of Section

Name: Anadarko Petroleum Corporation

4620 Feet from (E) (circle one) Line of Section

Address P. O. Box 351

Footages Calculated from Nearest Outside Section Corner:

FROM CONFIDENTIAL

NE, (SE) NW or SW (circle one)

City/State/Zip Liberal, KS 67905-0351

Lease Name USA "AA" Well # 1

Purchaser: Texaco Trading & Transportation Co.

Field Name Stirrup

Operator Contact Person: J. L. Ashton

Producing Formation U. Morrow

Phone (316) 624-6253

Elevation: Ground 3274.1 KB NA

Contractor: Name: Gabbert-Jones, Inc.

Total Depth 6000 PBDT 5474

License: 5842

Amount of Surface Pipe Set and Cemented at 1578 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? X Yes X No

Designate Type of Completion

If yes, show depth set 2545 Feet

X New Well      Re-Entry      Workover

If Alternate II completion, cement circulated from     

X Oil      SWD      S10W      Temp. Abd.

feet depth to      w/      sx cnt.

     Gas      ENHR      S16W

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

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

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

Operator:     

Drill pipe content 600 ppm Fluid volume 5000 bbls

Well Name:     

Dewatering method used hauled offsite

Comp. Date      Old Total Depth     

Location of fluid disposal if hauled offsite:     

     Deepening      Re-perf.      Conv.     

Operator Name Anadarko Petroleum Corporation

     Plug Back      PBDT

Lease Name Ratzlaff "E" No. 1 License No. 4549

     Commingled      Docket No.     

Quarter 3 Sec. 3 Twp. 33 S Rng. 40               

     Dual Completion      Docket No.     

County Morton Docket No.     

     Other (SWD or Inj?) Docket No.     

11-22-91 12-5-91 1-4-92

Spud Date      Date Reached TD      Completion Date     

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KANSAS CORPORATION COMMISSION  
FEB 3 1992  
CONSERVATION DIVISION  
WICHITA, KS

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 1-30-92

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

Notary Public Cheryl Steers

Date Commission Expires     

CHERYL STEERS  
Notary Public - State of Kansas  
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 USA TAAI

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.)

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
Conductor		13 3/8	48#	570	Pozmix & Common	450	2% cc 3% cc
Surface	12 1/4	8 5/8	24#	1578	Pozmix & Common	775	4% gel 2% cc 2% cc
Production	7 7/8	5 1/2	15.50#	5514	Pozmix & Thixset	155	1/4# sx flocele, 5#/sx gil, 0.3% lad

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	5368-80		A/in 2' intervals w/40 gals 7 1/2% HCL acid/ft.
4	5354-68		A/2600 gals 7 1/2% HCL acid	

**TUBING RECORD** Size 2 3/8 Set At 5390 Packer At - Liner Run  Yes  No

Date of First, Resumed Production, SWD or In]. 1-4-92 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	99	27	0	273	41.5

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 \_\_\_\_\_

# ORIGINAL

2000  
JAN 31  
CONFIDENTIAL

## ATTACHMENT

USA "AA" No. 1  
Section 11-33S-40W  
Morton County, Kansas

<u>NAME</u>	<u>DEPTH</u>	<u>SUBSEA</u>
B/Stone Corral	1582	(+1692)
Chase Group	2290	(+ 984)
Council Grove	2594	(+ 680)
Wabaunsee	3022	(+ 252)
Topeka	3267	(+ 7)
Heebner	3762	- 488
Toronto	3778	- 504
Lansing	3878	- 604
Kansas City	4262	- 988
Marmaton	4556	-1282
Cherokee	4744	-1470
Morrow	5166	-1892
Morrow "D"	5354	-2080
Lower Morrow	5499	-2225
Keyes	5622	-2348
Chester	5682	-2408
Ste. Genevieve	5708	-2434
St. Louis	5858	-2584
TD	6000	

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2 2 1992

FROM CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

FEB 3 1992

CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL

GABBERT-JONES, INC.  
DRILLERS' WELL LOG

WELL NAME: USA AA-1  
SEC:11-33S-40W  
MORTON COUNTY, KS

CONFIDENTIAL

COMMENCED: 11-22-91

COMPLETED: 12-7-91

OPERATOR: ANADARKO PETROLEUM CORP.

Depth		Formation	Remarks
From	To		
0	385	Sand-Clay	
385	1030	Redbed-Gyp-Sand	Ran 14jts of 48# 13 3/8" csg set @ 570'w/350sks 25/75
1030	1180	Redbed-Gyp	Posmix-4%Gel-2%CC-150
1180	1300	Sand	Sks Common - 2% cc-1/4#FC
1300	1495	Gyp-Redbed	PD @ 9:00 11/23/91
1495	1578	Redbed-Gyp	
1578	1715	Gyp-Redbed	
1715	2065	Anhy-Shale	Ran 38jts of 24# 8 5/8" csg set @ 1578'w/575sks 50/50
2065	2965	Shale-Lime	Posmix-4%Gel-2%CC-200sks class H common-2%CC
2965	6000	Lime-Shale	PD @ 5:15am 11-25-91

6000-TD

FROM CONFIDENTIAL

Ran 132jts of 15 1/2 # 5 1/2" csg FO tool@ 2588-csg set @ 5514-top w/50sks 65/35 Posmix-105sks Fixset 1/4#FS-5#Gilsonite 3% of 1% HD 44 PD @ 2:30am 12-7-91 RR @ 3:30am 12-7-91

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KANSAS CORPORATION COMMISSION

FEB 3 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.

*[Signature]*  
James S. Sutton, II. -- President

Subscribed & sworn to before me this  
December 10, 1991

*[Signature]*  
Lola Lenore Costa

Lola Lenore Costa



My commission expires Nov. 21, 1992



INVOICE

**ORIGINAL** **HALLIBURTON SERVICES**

A Halliburton Company

INVOICE NO.	DATE
186848	11/25/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
USA AA#1		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #12		CEMENT SURFACE CASING		11/25/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	JIM BARLOW		33876	COMPANY TRUCK	26410	

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FEB 3 1992  
CONSERVATION DIVISION  
WICHITA, KS

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

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	20	MI	2.60	52.00
		1	UNT		
001-016	CEMENTING CASING	1591	FT	1,020.00	1,020.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	130.00	130.00
		1	EA		
504-043	PREMIUM CEMENT	350	SK	6.85	2,397.50
500-207	BULK SERVICE CHARGE	350	CFT	1.15	407.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	329.000	TMI	.80	263.20
504-043	PREMIUM CEMENT	200	SK	6.85	1,370.00
504-043	PREMIUM CEMENT	288	SK	6.85	1,972.80
506-105	POZMIX A	287	SK	4.32	1,239.84
506-121	HALLIBURTON-GEL 2%	10	SK	.00	N/C
507-277	HALLIBURTON-GEL BENTONITE	10	SK	14.75	147.50
509-406	ANHYDROUS CALCIUM CHLORIDE	14	SK	26.25	367.50
500-207	BULK SERVICE CHARGE	823	CFT	1.15	946.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	701.530	TMI	.80	561.22
504-043	PREMIUM CEMENT	200	SK	6.85	1,370.00
500-207	BULK SERVICE CHARGE	200	CFT	1.15	230.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	188.000	TMI	.80	150.40
INVOICE SUBTOTAL					12,620.91
DISCOUNT - (BID)					3,786.26
INVOICE BID AMOUNT					8,834.65
*- KANSAS STATE SALES TAX					343.59
*- SEWARD COUNTY SALES TAX					80.84
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$9,259.08

4662-204  
KA

*John Skelley*

12-3-91

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

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



**ORIGINAL HALLIBURTON SERVICES**

INVOICE

A Halliburton Company

INVOICE NO.	DATE
187183	12/05/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
USA AA#1		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	TICKET DATE
LIBERAL		GABBERT & JONES #12		CEMENT PRODUCTION CASING	12/05/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	27094

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DIRECT CORRESPONDENCE TO:

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

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
000-117	MILEAGE	20	MI	2.60	52.00
001-016	CEMENTING CASING	5514	FT	1,520.00	1,520.00
030-016	CEMENTING PLUG SW ALUM TOP	5 1/2	IN	50.00	50.00
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	155.00	155.00
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					
73	CEMENTER-FO-5-1/2 8RD 14-17#	1	EA	1,610.00	1,610.00
813.0151					
40	CENTRALIZER 5-1/2" X 7 7/8"	5	EA	44.00	220.00
807.9302					
50	FLUIDMASTER CENT 5 1/2 5-4	6	EA	50.00	300.00
807.9352					
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00
800.8883					
018-315	MUD FLUSH	1260	GAL	.55	693.00
314-163	CLAYFIX II	4	GAL	20.00	80.00
504-043	PREMIUM CEMENT	105	SK	6.85	719.25
504-118	HALLIBURTON LIGHT CEMENT - PREM	50	SK	6.48	324.00
507-210	FLOCELE	26	LB	1.30	33.80
507-778	HALAD-344	30	LB	20.25	607.50
508-101	THIXSET COMPONENT A	99	LB	5.35	529.65
508-103	THIXSET COMPONENT B	25	LB	8.15	203.75
508-291	GILSONITE BULK	525	LB	.35	183.75
500-207	BULK SERVICE CHARGE	168	CFT	1.15	193.20
500-306	MILEAGE CHGT MAT DEL OR RETURN	151.850	TMI	.80	121.48

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FEB 3 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

# ORIGINAL HALLIBURTON SERVICES

INVOICE

A Halliburton Company

INVOICE NO.	DATE
187183	12/05/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
USA AA#1		MORTON	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL	GABBERT & JONES #12	CEMENT PRODUCTION CASING		12/05/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK 27084

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
	INVOICE SUBTOTAL				7,904.38
	DISCOUNT - (BID)				2,078.73-
	INVOICE BID AMOUNT				5,825.65
	*- KANSAS STATE SALES TAX				155.17
	*- SEWARD COUNTY SALES TAX				36.51
	<b>INVOICE TOTAL</b>				<b>\$6,017.33</b>

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KANSAS CORPORATION COMMISSION  
FEB 3 1992  
CONSERVATION DIVISION  
WICHITA, KS

4662-2041  
KT

LIBERAL OPERATIONS RECEIVED	
DEC 16 1991	
1-PROD	IDC
12/16/91	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