

ORIGINAL SIDE ONE

KCC

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

API NO. 15- 129-21,076-0000 MAY 24
County Morton **CONFIDENTIAL** East: _____ West: _____
C SW SE Sec. 33 Twp. 32S Rge. 40 X

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address P.O. Box 351
City/State/Zip Liberal, Kansas 67905-0351
Purchaser: Texaco Trading & Transportation
Operator Contact Person: J. L. Ashton
Phone (316) 624-6253
Contractor: Name: Gabbert-Jones, Inc.

660 Ft. North from Southeast Corner of Section
1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

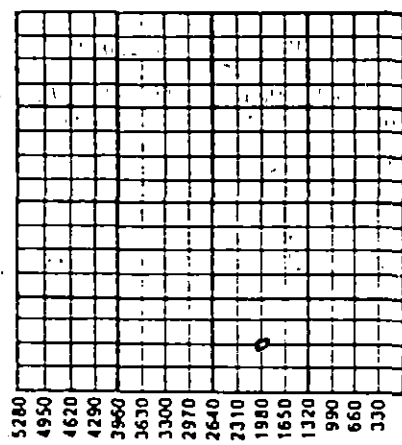
Lease Name Morrison "A" Well # 1
Field Name Stirrup
Producing Formation U. Morrow
Elevation: Ground 3296.9 KB NA
Total Depth 5950 PBTD 5387

License: 5842
Wellsite Geologist: NA
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

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STATE CORPORATION COMMISSION
5-28-91
MAY 28 1991

CONSERVATION DIVISION
Abd. Wichita, Kansas

If OWD: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
3-22-91 4-3-91 5-10-91
Spud Date Date Reached TD Completion Date



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
N
A1E 2 24
6-28-94

Amount of Surface Pipe Set and Cemented at 1539 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 5-23-91

Subscribed and sworn to before me this 23rd day of May, 1991.

Notary Public Cheryl Steers

Date Commission Expires _____

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

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

P1

Operator Name Anadarko Petroleum Corporation Lease Name Morrison "A" Well # 1

Sec. 33 Twp. 32S 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	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name Top Bottom SEE ATTACHMENT
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

MODULAR RESERVOIR TESTING SUMMARY
 DUAL INDUCTION
 MICRO
 MSG/GAMMA/CBL
 COMPENSATED NEUTRON DENSITY

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	1539	Pozmix & Common	775	4% gel 2% cc
Production	7 7/8	5 1/2	15.5	5428	Pozmix & Thixset Premium "H"	215	1/4# Flocele 5#/sk Gilsonite

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5300-04	A/750 gal 7-1/2% fe acid.	5300-04

TUBING RECORD Size 2-3/8 Set At 5285 Packer At 5285 Liner Run Yes No

Date of First Production 4-20-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 127 Bbls.	Gas 1384 Mcf	Water - Bbls.	Gas-Oil Ratio 10,900	Gravity 38.9 @ 60
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled

Other (Specify) ENTER VARIO Production Interval 5300-04

ORIGINAL

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MAY 8 4

CONFIDENTIAL

ATTACHMENT

MORRISON A-1
Section 33-32S-40W
Morton County, Kansas

<u>NAME</u>	<u>DEPTH</u>	<u>SUBSEA</u>
B/STONE CORRAL	1550	+1747
TOP CHASE GROUP	2252	+1045
TOP COUNCIL GROVE	2536	+761
TOP ADMIRE	2778	+519
TOP WABAUNSEE	2970	+327
TOP TOPEKA	3212	+85
TOP HEEBNER	3698	-401
TOP TORONTO	3714	-417
TOP LANSING	3806	-509
TOP KANSAS CITY	4188	-891
TOP MARMATON	4476	-1179
TOP CHEROKEE	4634	-1337
TOP MORROW	5066	-1769
TOP MORROW "D" SANDSTONE	5264	-1967
TOP LOWER MRROW	5408	-2111
TOP STE. GENEVIEVE	5622	-2325
TOP ST. LOUIS	5765	-2468
RTD	5950	-2653
LTD	5952	-2655

RECEIVED
STATE CORPORATION COMMISSION

MAY 28 1991

CONSERVATION DIVISION
Wichita, Kansas



KCC

INVOICE

ORIGINAL

REMIT TO: P O BOX 2015 HOUSTON TX 77216

MAY 24

CONFIDENTIAL

0312

556028 ANADARKO PETROLEUM CORP

BOX 35A LIBERAL KS 67901

INVOICE DATE

INVOICE NUMBER

03-12-3660

TYPE SERVICE

CEMENTING CEMENT SURFACE C

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
HARRISON A	KS	HORTON	ULYSSES	DS	
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
			03/24/91	JLN BARLOW	

ITEM CODE	DESCRIPTION	UOH	QTY	UNIT PRICE	AMOUNT
102071020	CSNG CHNT 1501-2000' 1ST BHR	BHR	1	1,000.0000	1,000.00
049102000	TRANSPORTATION CHNT TON MILE	MI	955	.8000	764.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	891	1.1500	1,024.65
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	125.0000	125.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	25	2.6500	66.25
040015000	D909, CEMENT CLASS H	CFT	553	7.2500	4,009.25
045008000	D35, LITEPOZ 3 EXTENDER	CFT	287	3.5000	1,004.50
045014050	D20, BENTONITE EXTENDER	LBS	1932	.1600	309.12
067005100	SI, CALCIUM CHLORIDE	LBS	1342	.3400	456.28
056702085	PLUG CENG 8-5/8" TOP PLASTIC	EA	1	95.0000	95.00
	DISCOUNT - MATERIAL				2,055.94-
	DISCOUNT - SERVICE				1,042.97-
				SUB TOTAL --	5,755.14
					3,818.20
					162.27
					38.18
				AMOUNT DUE --	5,955.59

1455-2041 KCC

RECEIVED STATE CORPORATION COMMISSION

MAY 28 1991

CONSERVATION DIVISION Wichita, Kansas

FINAL APPROVAL

AFE # LOCATION

LIBERAL OPERATIONS RECEIVED

MAR 28 1991

APPROVED DATE CODED BY

IDC TANGIBLE OPERATIONS

WITH QUESTIONS CALL 316-356-1272 FEDERAL TAX ID # 38-239-7173 TERMS -- NET 30 DAYS DUE ON OR BEFORE APR 23, 1991

THANK YOU. WE APPRECIATE YOUR BUSINESS.

RA Adamiak R A ADAMIAK



MAY 2 4

INVOICE

REMIT TO:

ORIGINAL

P.O. BOX 201556
HOUSTON TX 77256

CONFIDENTIAL

0312

556026
ANADARKO PETROLEUM CORP

BOX 351
LIBERAL KS 67901

PAGE	1
INVOICE DATE	04/23/91
INVOICE NUMBER	200-12-1000
TYPE SERVICE	CEMENT/AG CEMENT PRODUCTION

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
ADDRESS 01	KS	HOUSTON	HYLSES	DC	
LOCATION / PLANT ADDRESS	DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE			
ADDRESS 400	04/24/91	JOHN SHULTZ			

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
102871055	C.SNG CMNT 5001-5500' 1ST BRK	SHR	1	1,405.0000	1,405.00
049102000	TRANSPORTATION CMNT TON MILE	MT	288	.8000	230.40
049100000	SERVICE CHG CEMENT HATL LAND	CFT	265	1.1500	304.75
059200002	HILFAE, ALL OTHER EQUIPMENT	MT	25	2.6500	66.25
059697000	PACR TREAT ANALYSTS RECORDER	JOB	1	125.0000	125.00
040015000	D909, CEMENT CLASS H	CFT	33	7.2500	239.25
045008000	D35, LITEPOZ 3 EXTENDER	CFT	17	3.5000	59.50
102146003	D804A REGULATED FULLUP CMNT	SK	165	11.0000	1,815.00
067005100	S1, CALCIUM CHLORIDE	LBS	155	.3400	52.70
045014050	D20, BENTONITE EXTENDER	LBS	261	.1600	41.76
045019050	D42, KOLITE LOST CIRC ADDITI	LBS	825	.4100	338.25
044003025	D29, CELLOPHANE FLAKES	LBS	41	1.4500	59.45
067011000	H117, POTASSIUM CHLORIDE	LBS	1200	.2500	300.00
101761000	D892, CHEMICAL WASH CW9	BRL	30	12.7500	382.50
045020100	D53, CEMENT AGENT	LBS	310	.3300	102.30
056700054	PLUG BENG 5-1/2" TOP AL CORE	EA	1	105.0000	105.00
	DISCOUNT - MATERIAL				1,048.73
	DISCOUNT - SERVICE				639.41

1455-2041
Kt
Jim Louder

SUB TOTAL -- 3,938.97

STATE TAX 2.446.99 104.00

AMOUNT DUE -- 4,042.97

H C STATE TAX 2.446.99

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STATE CORPORATION COMMISSION

MAY 28 1991

CONSERVATION DIVISION
Wichita, Kansas

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
APR 23 1991	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 38-239-7173

TERMS -- NET 30 DAYS DUE ON OR BEFORE MAY 07, 1991

THANK YOU. WE APPRECIATE YOUR BUSINESS.

RA Adamsak
R A ADAMAK



INVOICE

HALLIBURTON SERVICES

MAY 24

A Halliburton Company

INVOICE NO.	DATE
141529	04/09/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
MORRISON 1-A	MORTON	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	DUNNAM WELL SER	CEMENT PRODUCTION CASING	04/09/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
019595	DAVID GILMORE		33876
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	13851

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	MILEAGE	60	MI	2.60	156.00
009-019	PLUGGING BK SPOT CEMENT OR MUD	2596	FT	1,125.00	1,125.00
018-315	MUD FLUSH	1000	GAL	.45	450.00
314-163	CLAYFIX II	5	GAL	20.00	100.00
504-050	PREMIUM PLUS CEMENT	175	SK	7.08	1,239.00
507-210	FLOCELE	44	LB	1.30	57.20
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	26.25	105.00
500-959	SPECIAL CHARGES	2950	LB	.42	1,239.00
500-207	BULK SERVICE CHARGE	360	CFT	1.15	414.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	217.404	TMI	.80	173.92

INVOICE SUBTOTAL

5,059.12

DISCOUNT-(BID)

910.63-

INVOICE BID AMOUNT

4,148.49

*-KANSAS STATE SALES TAX

157.15

*-SEWARD COUNTY SALES TAX

36.98

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STATE CORPORATION COMMISSION

MAY 23 1991

CONSERVATION DIVISION
Wichita, Kansas

1455-2041
16A

Jim [Signature]

APPROVAL	
APR #	LOCATION
LIBERAL OPERATIONS RECEIVED	
APR 22 1991	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

4-22-91

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$4,342.62

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