

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- 129-21,230-00-01

County Morton

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

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: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

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

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  PBD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

9-29-93 10-14-93 11-18-93

Spud Date Date Reached TD Completion Date

660 Feet from S (circle one) Line of Section

660 Feet from E (circle one) Line of Section

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

Lease Name USA "AD" Well # 2

Field Name Stirrup

Producing Formation U. Morrow "D"

Elevation: Ground 3279.5 KB 3291.5

Total Depth 5832 PBD 5781

Amount of Surface Pipe Set and Cemented at 1562 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

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12-22-93  
DEC 02 1993

Completion, cement circulated from \_\_\_\_\_

Feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan

\_\_\_\_\_ must be collected from the Reserve Pit)

CONSERVATION DIVISION  
Wichita, Kansas

Chloride content 700 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. \_\_\_\_\_

FROM CONFIDENTIAL

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 Technical Assistant Date 11-30-93

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

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  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Operator Name Anadarko Petroleum Corporation Lease Name USA "AD" Well # 2

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	17 1/2	13 3/8	55	639	Pozmix & Class "H"	690	4% gel 2% cc 2% cc
Surface	12 1/4	8 5/8	24	1562	Pozmix & Class "H"	785	4% tot gel 2% cc 2% cc
Production	7 7/8	5 1/2	15.50	5832	Pozmix & Class "H"	235	1#/sx flocele, 5#/sx gilsonite, 0.3% Halad 344.

DV Tool Set at 2811 **ADDITIONAL CEMENTING/SQUEEZE RECORD** Pozmix 130 1#/sx flocele, 5#/sx gilsonite.

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	5485-90	450 gals 7-1/2% fe acid + 40 BS	5485-90
4	5468-85	1100 gals 7-1/2% fe acid + 132 BS.	5468-85

**TUBING RECORD** Size 2 3/8 Set At 5498 Packer At - Liner Run  Yes  No  
 Date of First, Resumed Production, SWD or Inj. 11-12-93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours Oil 21 Bbls. Gas 0 Mcf Water - Bbls. Gas-Oil Ratio - Gravity 34.2 @ 60°

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18:)  
**METHOD OF COMPLETION**  Open Hole  Perf.  Dually Comp.  Commingled 5468-5490  
 Other (Specify) \_\_\_\_\_ Production Interval \_\_\_\_\_

ATTACHMENT

CONFIDENTIAL

USA "AD" No. 2  
Section 11-33S-40W  
Morton County, Kansas

ORIGINAL

API #15-129-21230

<u>NAME</u>	<u>TOP</u>
B/STONE CORRAL	1604
CHASE	2324
COUNCIL GROVE	2628
ADMIRE	2868
WABAUNSEE	3056
TOPEKA	3302
HEEBNER	3810
TORONTO	3826
LANSING	3923
KANSAS CITY	4327
MARMATON	4630
CHEROKEE	4832
MORROW	5278
MORROW "D"	5466
L. MORROW	5600
KEYES	5712
CHESTER	5757
TD	5832

DEC 1  
CONFIDENTIAL

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STATE CORPORATION COMMISSION

DEC 02 1993

CONSERVATION DIVISION  
Wichita, Kansas

RELEASED

FEB 1 1994

BELOW CONFIDENTIAL

**WESTERN**

# The Western Company of North America

INVOICE NO. 431486	OUR RECEIPT NO. 260414	DATE 10/01/93
YOUR ORDER NO.		
02800	1225	93200

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

 ANADARKO PRODUCTION CO.  
DRAWER X  
ELKHART KS 67950

SERVICES FROM OUR STATION AT PERRYTON CEMENTING	OUR ENGINEER RABE	SIGNED FOR YOU BY RIDENOUR
FOR SERVICING WELL NAME U S A AD-2	COUNTY STEVENS	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
J3915	MILEAGE, AUTO/PICK-UP/TREATING VAN	MILE	17.0	1.550	26.35	38.00	16.34
J3905	MILEAGE, HEAVY VEHICLE, PER UNIT	MILE	17.0	2.900	49.30	38.00	30.57
J4015	BULK MATERIAL DELIVERY, DRY	TONMI	597.5	.900	537.75	38.00	333.41
F0055	CEMENT CASING, 1501 - 2000 FT	8HRS	1.0	1155.000	1155.00	38.00	716.10
M1005	BULK MATERIALS SERVICE CHARGE	CU FT	835.3	1.350	1127.66	38.00	699.15
P432N	PREMIUM CMT, HUGOTON, KS	SACK	493.0	9.080	4476.44	38.00	2,775.39
P422N	POZ A, HUGOTON, KS	SACK	292.0	5.180	1512.56	38.00	937.79
P2495	BENTONITE	LB	983.0	.160	157.28	38.00	97.51
H5027	CALC CHLORIDE-TX PANHANDLE	LB	1360.0	.390	530.40	38.00	328.85
P3625	CMT PLUG, RUBBER, TOP 8-5/8"	EACH	1.0	110.000	110.00	38.00	68.20
SUB TOTAL					9682.74		6,003.31

2351

2351

2351

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STATE CORPORATION COMMISSION  
OCT 02 1993  
CONSERVATION DIVISION  
VICTORIA, TEXAS

FINAL APPROVAL	
APPROVED	LOCATION
LIDER	OPERATIONS
RECEIVED	
OCT 05 1993	
APPROVED	IDC
DATE	ISSUE
CODED BY	OPERATIONS

PHONE: (713) 629-2600

TERMS: NET 30 DAYS

6,003.31

CUSTOMER COPY

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



HALLIBURTON  
ENERGY SERVICES

INVOICE

CONFIDENTIAL

ORIGINAL

INVOICE NO.	DATE
549152	10/14/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
USA "AD" 2		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL			CEMENT PRODUCTION CASING		10/14/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	57995

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

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STATE CORPORATION COMMISSION  
DEC 02 1993  
CONSERVATION DIVISION  
Wichita, Kansas

DIRECT CORRESPONDENCE TO:  
OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	80	MI	2.75	220.00
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	5854	FT	1,850.00	1,850.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	1,295.00	1,295.00
		1	UNT		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	55.00	55.00
815.19311					
71	MULT STAGE CMTR-5-1/2 8RD	1	EA	2,450.00	2,450.00
813.80300					
75	PLUG SET - FREE FALL - 2-STAGE	1	EA	460.00	460.00
813.16510					
320	CEMENT BASKET 5 1/2"	1	EA	110.00	110.00
800.8883					
350	HALLIBURTON WELD-A	1	LB	14.50	14.50
890.10802					
40	CENTRALIZER 5-1/2" X 7 7/8"	12	EA	44.00	528.00
807.93022					
018-315	MUD FLUSH	2520	GAL	.65	1,638.00
218-738	CLAYFIX II	10	GAL	24.00	240.00
504-131	CEMENT - 50/50 POZMIX PREMIUM	315	SK	6.92	2,179.80
504-118	CEMENT - HALL. LIGHT PREMIUM	50	SK	8.05	402.50
507-210	FLOCELE	79	LB	1.40	110.60
507-778	HALAD-344	47	LB	25.30	1,189.10
508-291	GILSONITE BULK	1575	LB	.40	630.00
500-207	BULK SERVICE CHARGE	403	CFT	1.35	544.05
500-306	MILEAGE CMTG MAT DEL OR RETURN	283.05	TMI	.95	268.90

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

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY

INVOICE



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

INVOICE NO.	DATE
549152	10/14/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
USA "AD" 2		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	TICKET DATE
LIBERAL				CEMENT PRODUCTION CASING	10/14/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	57995

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

DIRECT CORRESPONDENCE TO:

OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				14,416.45
	DISCOUNT-(BID)				3,604.09-
	INVOICE BID AMOUNT				10,812.36
	*-KANSAS STATE SALES TAX				293.41
	*-SEWARD COUNTY SALES TAX				59.91
	STATE CORPORATION COMMISSION				
	RECEIVED DEC 02 1993 CONSERVATION DIVISION Wichita, Kansas				
	<i>Jim Carlson</i>				
	2351-2040				
	10/22/93				
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>				\$11,165.68

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GABBERT-JONES, INC.  
 WICHITA, KANSAS  
 - DRILLERS' WELL LOG -

ORIGINAL

WELL NAME: USA AD-2  
 SEC: 11-33S-40W  
 Morton County, Kansas

API# 15-129-21230

COMMENCED: 9-29-93  
 COMPLETED: 10-14-93  
 OPERATOR: ANADARKO PETROLEUM CORPORATION

DEPTH From	To	FORMATION	REMARKS
0	520	sand-clay-redbed	
520	642	redbed-gyp	Ran 14jts of 55#13 3/8" csg
642	652	redbed	set @ 639'w/490sks 50/50
652	1140	gyp-redbed	Posmix-200sks prem
1140	1330	sand	2%CC
1330	1565	gyp-redbed	PD @ 9:15pm 9-29-93
1565	1600	anhy-redbed	
1600	2010	anhy-shale	Ran 38jts of 24#8 5/8" csg
2010	2585	shale-lime	set @ 1564'w/585sks
2585	5832	lime-shale	50/50 posmix-200sks class H common PD @ 12:45pm 10-1-93

5832-TD

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DEC 02 1993

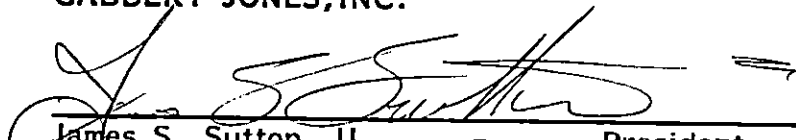
CONSERVATION DIVISION  
 Wichita, Kansas

Ran 135jts of 15 1/2 #5 1/2"  
 csg-DV Tool @ 2814  
 cemented bottom w/50sks  
 65/35 posmix-185sks 50/50  
 posmix-1/4# cellophane flakes  
 5# gilsonite-3% halid  
 344  
 PD @ 4:30pm 10-14-93  
 RR @ 7:45pm 10-14-93


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 21st, day of  
 October, 1993

  
 Brenda L. Raple, Notary Public

My commission expires October 16, 1996.

