

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

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address P. O. Box 351

City/State/Zip Liberal, KS 67905-0351

Purchaser: Texaco Trading & Transportation Co.

Operator Contact Person: J. L. Ashton

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: RELEASED

Well Name: _____

Comp. Date MAY 24 1995 Old Total Depth _____

Deepening Plug Back Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11-3-93 11-14-93 3-1-94
 Spud Date Date Reached TD Completion Date

API NO. 15- 189-21590-0000

County Stevens

C - SE - NW Sec. 13 Twp. 31S Rge. 35 XX ^E

1980 Feet from SW (circle one) Line of Section

1980 Feet from E (circle one) Line of Section

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

Lease Name Hanke "A" Well # 4

Field Name Lahey

Producing Formation Morrow

Elevation: Ground 2915.7 KB NA

Total Depth 5650 PBD 5595

Amount of Surface Pipe Set and Cemented at 1738 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.

Drilling Fluid Management Plan ALT 1 JZ 6-16-94
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 5000 bbls

Dewatering method used Natural Evaporation

Location of fluid disposal if handled on site _____

Operator Name _____

Lease Name _____

Quarter Sec. _____

County _____ Docket No. _____

KCC
MAR 11
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
3-14-94
MAR 14 1994
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.

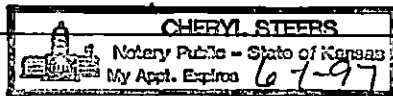
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly J. Williams
 Title Technical Assistant Date 3-11-94

Subscribed and sworn to before me this 11th day of March 1994.

Notary Public Cheryl Steers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

ORIGINAL

Operator Name Anadarko Petroleum Corporation

Lease Name Hanke

Well # 4

East

County Stevens

Sec. 13 Twp. 31S Rge. 35

West

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.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See Attachment

List All E.Logs Run: SONIC BOND
 BOREHOLE COMPENSATED DENSITY
 COMPENSATED CYBERLOOK
 SONIC MICRO
 DUAL INDUCTION

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#	1738	Pozmix & Common	825	4% gel 2% cc 3% cc
Production	7 7/8	5 1/2	15.5#	5622	Pozmix	385	6% gel 0.75% fric red. 1#/sx flocele
		DV Tool		23118	Pozmix	185	5#/sx gel & 10% salt 1#/sx flocele 5#/sx gel, 10% salt.

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	5322-62	A/3000 gals 15% fe acid & 190 BS.	5322-62

TUBING RECORD Size 2 3/8 Set At 5409 Packer At - Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 2-18-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	180	54	2	300	42.2° @ 60° API

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 5322-62

ORIGINAL

HANKE A-4
SE NW 13-31S-35W
Lahey Field
Stevens County, Kansas
Elev.: 2915 (GL)

API # 15-189-21590

<u>FORMATION</u>	<u>MEASURED DEPTH</u>	<u>SUBSEA</u>
B/ Stone Corral	1743	+1172
Chase Group	2532	+383
Odell Shale	2602	+313
Winfield	2614	+301
Council Grove	2838	+77
Wabaunsee	3213	-297
B/ Heebner	4017	-1101
Toronto	4034	-1118
Lansing	4130	-1214
Kansas City "A"	4599	-1683
Marmaton	4790	-1874
Cherokee	4964	-2048
Morrow Formation	5291	-2375
Morrow Sand	5323	-2407
B/ Pennsylvania	5421	-2505
L/ Chester	5481	-2565
Ste. Genevieve	5587	-2671
DTD	5650	-2734
LTD	5658	-2742

KCC
MAR 11
CONFIDENTIAL

RELEASED
MAY 24 1995
FROM CONFIDENTIAL

Correlation Source: *"Type Logs of Kansas, 1966,"* Vol. I; Catalog No. 1-31-35W

RECEIVED
KANSAS CORPORATION COMMISSION
3-14-94
MAR 14 1994

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

GABBERT-JONES, INC.
WICHITA, KANSAS

- DRILLERS' WELL LOG -

WELL NAME: HANKE A-4

SEC: 13-31S-35W

Stevens County, Kansas

COMMENCED: 11-3-93

COMPLETED: 11-15-93

OPERATOR: ANADARKO PETROLEUM CORPORATION API#15-189-21590

DEPTH From	To	FORMATION	REMARKS
0	300	Sand	
300	500	Sand-Clay	Ran 41jts of 24#8 5/8" csg
500	1145	Redbed-Gyp	LD @ 1737'w/625sks
1145	1394	Sand	50/50 Posmix-4%gel-2%CC
1394	1738	Redbed-Gyp	200sks class H common
1738	2038	Anhy	3%CC
2038	3015	Shale-Lime	PD @ 4:30pm 11-4-93
3015	5304	Lime-Shale	
5304	5364	Core #1	Ran 129jts of 15 1/2 #5 1/2"
5364	5650	Lime-Shale	csg set @5623'w/DV Tool @ 3118-cemented bottom w/50sks 65/35 posmix 6%gel-335sks 50/50 Posmix-1/4#floseal 5# Gilsonite PD @ 5:30pm 11-15-93 Top w/190sks 50/50 posmix 1/4#floseal 5# gilsonite PD @ 7:00pm 11-15-93 RR @ 8:00pm 11-15-93

5650-TD

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

MAR 14 1994

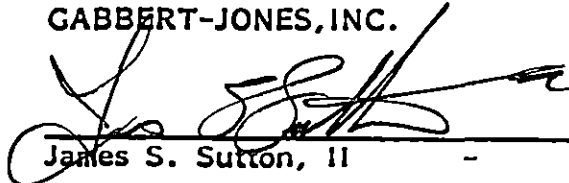
3-14-94

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.



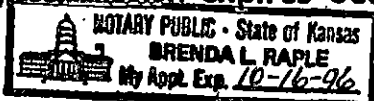
James S. Sutton, II

President

Subscribed & sworn to before
me this 18th day of
November, 1993


Brenda L. Raple, Notary Public

My commission expires October 16, 1996.



CUSTOMER COPY

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



INVOICE

INVOICE NO.	DATE
648060	11/15/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
HANKE "A" 4		STEVENS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES	CEMENT PRODUCTION CASING		11/15/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	B. D. GLICK		33876	COMPANY TRUCK	59582

DIRECT CORRESPONDENCE TO:

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

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	32 MI		2.75	176.00
		2 UNT			
007-013	MULT STAGE CEMENTING-1ST STAGE	5593 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			
26	INSERT VALVE F. S. - 5 1/2" BRD	1 EA		350.00	350.00
847.6318					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1 EA		55.00	55.00
815.19311					
40	CENTRALIZER-5-1/2 X 8-1/2	20 EA		44.00	880.00
806.60022					
71	MULT STAGE CMTR-5-1/2 BRD	1 EA		2,450.00	2,450.00
813.80300					
75	PLUG SET - FREE FALL - 2-5" RELEASED	1 EA		460.00	460.00
813.16510					
320	CEMENT BASKET 5 1/2"	1 EA		110.00	110.00
800.9883					
350	HALLIBURTON WELD-A	1 EA		14.50	14.50
890.10802					
504-131	CEMENT - 50/50 POZMIX PREMIUM	520 SK		6.92	3,598.40
504-118	CEMENT - HALL. LIGHT PREMIUM	50 SK		8.05	402.50
507-153	CFR-3	39 LB		4.85	160.05
507-210	FLOCELE	130 LB		1.40	182.00
508-291	GILSONITE BULK	2600 LB		.40	1,040.00
509-968	SALT	2556 LB		.13	332.28
018-315	MUD FLUSH	11 1/2 100 GAL		.65	1,365.00
218-788	CLAYFIX II	5 GAL		24.00	120.00
500-207	BULK SERVICE CHARGE	668 CFT		1.35	901.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	871.74 TMI		.95	828.15

KCC
MAR 11
CONFIDENTIAL

MAY 24 1995

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

CONTINUED ON NEXT PAGE

MAR 11 1994

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.

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER COPY

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



INVOICE

INVOICE NO.	DATE
648060	11/15/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
HANKE "A" 4		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES	CEMENT PRODUCTION CASING		11/15/1993	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	B.D. GLICK		33876	COMPANY TRUCK	59582

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

DIRECT CORRESPONDENCE TO:
APL 15-181-21590
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				16,570.68
	DISCOUNT-(BID)				2,580.95-
	INVOICE BID AMOUNT				13,989.73
	*-KANSAS STATE SALES TAX				496.66
	*-SEWARD COUNTY SALES TAX				101.36
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$14,587.75

KCC
CONFIDENTIAL

2905-2040
KX

Jim Benton

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

3-11/24/93
3-11-94

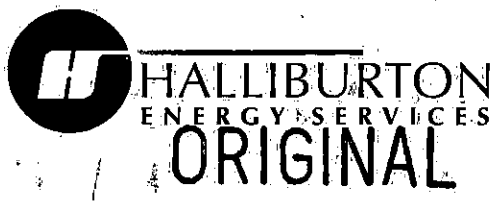
RECEIVED
KANSAS CORPORATION COMMISSION

MAR 14 1994

CONSERVATION DIVISION
WICHITA, KS

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.

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



CUSTOMER COPY
INVOICE

INVOICE NO.	DATE
549169	11/04/1993

WELL/LEASE NO./PROJECT HANKE A-4		WELL/PROJECT LOCATION STEVENS		STATE KS	OWNER SAME
SERVICE LOCATION LIBERAL		CONTRACTOR GABBERT & JONES	JOB PURPOSE CEMENT SURFACE CASING		TICKET DATE 11/04/1993
ACCT. NO. 019595	CUSTOMER AGENT JIM BARLOW	VENDOR NO.	CUSTOMER P.O. NUMBER 33876	SHIPPED VIA COMPANY TRUCK	FILE NO. 59272

ANADARKO PETROLEUM CORP
P. O. BOX 351
LIBERAL, KS 67905-0351
RELEASED
MAY 24 1995

DIRECT CORRESPONDENCE TO:
APL 75-187-1590
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

FROM CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	24	MI	2.75	66.00
		1	UNT		
001-016	CEMENTING CASING	1748	FT	1,220.00	1,220.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8	IN	130.00	130.00
		1	EA		
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	55.00	55.00
815.19415					
40	CENTRALIZER 8-5/8" X 12.25" KCC	3	EA	72.00	216.00
807.93059					
320	CEMENT BASKET 8 5/8" MRI	1	EA	122.00	122.00
800.8888					
350	HALLIBURTON WELD-A CONFIDENTIAL	1	LB	14.50	14.50
890.10802					
504-131	CEMENT - 50/50 POZMIX PREMIUM	625	SK	6.92	4,325.00
507-277	HALLIBURTON-GEL BENTONITE	11	SK	15.50	170.50
504-043	CEMENT - PREMIUM	200	SK	8.95	1,790.00
509-406	ANHYDROUS CALCIUM CHLORIDE	16	SK	28.25	452.00
500-207	BULK SERVICE CHARGE	857	CFT	1.35	1,156.95
500-306	MILEAGE CMTG MAT DEL OR RETURN	920.375	TMI	.95	874.36

INVOICE SUBTOTAL **3-11-94** **RECEIVED** 10,979.31
DISCOUNT-(BID) **11-187** KANSAS CORPORATION COMMISSION 4,029.12-
INVOICE BID AMOUNT 6,950.19
MAR 14 1994
*-KANSAS STATE SALES TAX 301.49

***** CONTINUED ON NEXT PAGE ***** CONSERVATION DIVISION WICHITA, KS

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



HALLIBURTON ENERGY SERVICES ORIGINAL

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

INVOICE NO.	DATE
549169	11/04/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
HANKE A-4		STEVENS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES	CEMENT SURFACE CASING		11/04/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JIM BARLOW		33876	COMPANY TRUCK	59272

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

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER - 1510
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	*- SEWARD COUNTY SALES TAX				61.55

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

KCC

MAR 11

CONFIDENTIAL

2905-2040
KA

Jim Barlow

RECEIVED

KANSAS CORPORATION COMMISSION

MAR 14 1994

CONSERVATION DIVISION
WICHITA, KS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$7,313.23

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.