

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

API NO. 15-

CONFIDENTIAL

189-21592-0000

County Stevens

C NE - NE Sec. 14 Twp. 31S Rge. 35 X W

Operator: License # 4549

4620 Feet from (S)N (circle one) Line of Section

Name: Anadarko Petroleum Corporation

660 Feet from (E)W (circle one) Line of Section

Address P. O. Box 351

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

City/State/Zip Liberal, KS 67905-0351

Lease Name Hanke "B" Well # 1

Purchaser: Texaco Trading & Transportation

Field Name Lahey

Operator Contact Person: J. L. Ashton

Producing Formation Chester

Phone (316) 624-6253

Elevation: Ground 2974.9 KB NA

Contractor: Name: Gabbert-Jones, Inc.

Total Depth 5797 PBDT 5797

License: 5842

Amount of Surface Pipe Set and Cemented at 1730 Feet

Wellsite Geologist: NA

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

X New Well Re-Entry Workover

1000 feet depth set _____ Feet

X Oil SWD SIOW Temp. Add
Gas ENHR SIGW Wichita
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:

Operator: KCC

Chloride content 1800 ppm Fluid volume 5000 bbls

Well Name: MAR 1 4

Dewatering method used Natural Evaporation

Comp. Date 11-17-93 Old Total Depth 11-28-93

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. _____

Spud Date 11-17-93 Date Reached TD 11-28-93 Completion Date 1-21-94

Operator Name _____

Lease Name MAY 2 4 1995 Lease No. _____

Quarter _____ Sec. _____ Twp. _____ Rge. _____ E/W _____

County _____ 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 Technical Assistant Date 1-28-94

Subscribed and sworn to before me this 28 day of January, 1994.

Notary Public Cheryl Steers

Date Commission Expires _____

A **CHERYL STEERS**
Notary Public - State of Kansas
My Appt. Expires 6-1-97

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 Hanke "B" Well #

East

County Stevens

Sec. 14 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: DUAL INDUCTION
 SPECTRAL DENSITY NEUTRON
 MICRO
 COMPUTER ANALYZED

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#	1730	Pozmix & Common	825	4% gel 2% cc 3% cc
Production	7 7/8	5 1/2	15.50#/ft	5751	Pozmix	415	6% gel 0.75% fric, red 5#/sx floecle 5#/sx gilsonite, 10% salt
			DV. TOOL	3091	Class "H"	150	5#/sx floecle 5#/sx gilsonite 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)	
		Amount	Depth
2	5636-42, 5628-30	A/800 gal 15% fe acid & 19 BS.	5628-5640
2	5598-5617	A/1400 gals 15% fe acid & 46 BS. Frac w/47,000 gal 35# Borate x-linked 2% KCL wtr + 98,500# 16/30 sd. A/1000 gals HF acid & 45 BS.	5598-5617

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2 3/8	5569	-			
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
1-14-94							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity
		123		19		19	154 41.4° @ 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 5598-5640 O.A.

ORIGINAL

CONFIDENTIAL

HANKE B-1
NE NE 14-31S-35W
Lahey Field
Stevens County, Kansas
Elev.: 2975 (GL)

API#15-189-21592

<u>FORMATION</u>	<u>MEASURED DEPTH</u>	<u>SUBSEA</u>
B/ Stone Corral	1772	+1203
Chase Group	2580	+395
Odell Shale	2650	+325
Winfield	2663	+312
Council Grove	2883	+92
Wabunsee	3259	-284
B/ Heebner	4063	-1088
Toronto	4082	-1107
Lansing	4178	-1203
Kansas City "A"	4648	-1673
Marmaton	4833	-1858
Cherokee	5028	-2053
Morrow Formation	5361	-2386
B/ Pennsylvania	5475	-2500
L/ Chester	5534	-2559
Ste. Genevieve	5655	-2680
DTD	5797	-2822
LTD	5782	-2807

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

KCC
MAR 14
CONFIDENTIAL

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 14 1994

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL CONFIDENTIAL

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

WELL NAME: HANKE B-1
SEC: 14-31S-35W
Stevens County, Kansas

COMMENCED: 11-17-93
COMPLETED: 11-29-93

OPERATOR: ANADARKO PETROLEUM CORPORATION API # 15-189-21592

DEPTH From	To	FORMATION	REMARKS
0	650	Sand-clay-redbed	
650	1240	Redbed-gyp	Ran 41jts of 24#8 5/8"
1240	1380	Sand	csg set @ 1739'w/625
1380	1740	Gyp-redbed	sks 50/50 posmix 4%gel
1740	1798	Anhy	2%CC-200sks class H
1798	2260	Anhy-shale	Common 3%CC
2260	3115	Shale-lime	PD @ 12:15pm 11-18-93
3115	5797	Lime-shale	

RELEASED
MAY 24 1995

FROM CONFIDENTIAL

Ran 131jts of 15 1/2 #5 1/2"
csg set @ 5752-
DV tool @ 3091-
Top w/50sks 65/35 posmix
6%gel-365sks 50/50 posmix
1/4# cellophone flake
5# gilsonite
PD @ 11:00pm 11-28-93
2nd stage-150sks class H
1/4# floseal
PD @ 12:00am 11-29-93
RR @ 1:00am 11-29-93

5797-TD

KCC
MAR 14 --
CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

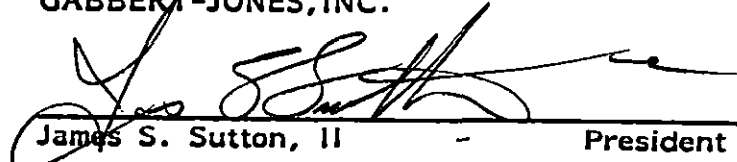
MAR 14 1994

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.

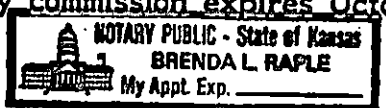
GABBERT-JONES, INC.


James S. Sutton, II President

Subscribed & sworn to before me this 2nd day of December, 1993


Brenda L. Raple, Notary Public

My commission expires October 16, 1996.





INVOICE

INVOICE NO.	DATE
649679	11/18/1993

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
HANKE B-1	STEVENS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL		CEMENT SURFACE CASING	11/18/1993
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
019595	JIM BARLOW		33876
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO.
			59849

RELEASED

DIRECT CORRESPONDENCE TO:

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

MAY 24 1995

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	15	MI	2.75	41.25
		1	UNT		
001-016	CEMENTING CASING	1752	FT	1,220.00	1,220.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8.5	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					
350	HALLIBURTON WELD-A	1	LB	14.50	14.50
890.10802					
40	CENTRALIZER 8-5/8" X 12.25"	3	EA	72.00	216.00
807.93059					
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
800.8888					
504-043	CEMENT - PREMIUM	200	SK	8.95	1,790.00
504-131	CEMENT - 50/50 POZMIX PREMIUM	625	SK	6.92	4,325.00
509-406	ANHYDROUS CALCIUM CHLORIDE	16	SK	28.25	452.00
507-277	HALLIBURTON-GEL BENTONITE	11	SK	15.50	170.50
500-207	BULK SERVICE CHARGE	879	CFT	1.35	1,186.65
500-306	MILEAGE CMTG MAT DEL OR RETURN	560.18	TMI	.95	532.17

KCC
MAR 14
CONFIDENTIAL

2904-2040
KA

INVOICE SUBTOTAL	10,587.07
DISCOUNT-(BID)	3,496.06-
INVOICE BID AMOUNT	7,091.01
*-KANSAS STATE SALES TAX	306.67
*-SEWARD COUNTY SALES TAX	62.60
INVOICE TOTAL - PLEASE PAY THIS AMOUNT	\$7,460.28

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.

CUSTOMER COPY

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

INVOICE

HALLIBURTON
ORIGINAL **CONFIDENTIAL**

INVOICE NO.	DATE
648038	11/28/1993

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
HANKE B-1	STEVENS	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL		CEMENT PRODUCTION CASING	11/28/1993		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	6018

RELEASED

A DIRECT CORRESPONDENCE TO 2

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

MAY 24 1995

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000

FROM CONFIDENTIAL OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	66 MI		2.75	181.50
		1 UNT			
007-013	MULT STAGE CEMENTING-1ST STAGE	5763 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			
27	FILL-UP UNIT 5 1/2"-6 5/8"	1 EA		55.00	55.00
815.19311					
12A	GUIDE SHOE - 5 1/2" BRD THD.	1 EA		121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1 EA		110.00	110.00
815.19251					
40	CENTRALIZER-5-1/2 X 8-1/2	11 EA		44.00	484.00
806.60022					
320	CEMENT BASKET 5 1/2"	1 EA		110.00	110.00
800.8883					
71	MULT STAGE CMTR-5-1/2 BRD	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					
018-315	MUD FLUSH	2100 GAL		.65	1,365.00
314-163	CLAYFIX II	4 GAL		24.00	96.00
504-131	CEMENT - 50/50 POZMIX PREMIUM	515 SK		6.92	3,563.80
504-118	CEMENT - 50/50 LIGHT PREMIUM	50 SK		8.05	402.50
507-210	FLOCELE	129 LB		1.40	180.60
507-153	CFR-3	12-3-93 LB		4.85	160.05
508-291	GILSONITE BULK	2575 LB		.40	1,030.00
509-968	SALT	2531 LB		.13	329.03
500-207	BULK SERVICE CHARGE	662 CFT		1.35	893.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	540.04 TMI		.95	513.04

KCC

MAR 14 1994

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KANSAS CORPORATION COMMISSION

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

MAR 14 1994

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CONSERVATION DIVISION PAGE 1
WICLUTA KS

INVOICE

H HALLIBURTON
ORIGINAL CONFIDENTIAL

INVOICE NO.	DATE
648038	11/28/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
HANKE B-1		STEVENS		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
LIBERAL				CEMENT PRODUCTION CASINO	
				TICKET DATE	
				11/28/1993	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	6018

RELEASED

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

MAY 24 1995

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

FROM CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				15,650.22
	DISCOUNT-(BID)				3,912.53
	INVOICE BID AMOUNT				11,737.69
	*-KANSAS STATE SALES TAX				387.11
	*-SEWARD COUNTY SALES TAX				79.02
	KCC				
	MAR 14				
	CONFIDENTIAL				
	<i>2904-2040</i>				
	<i>164</i>				
	<i>J.M. [Signature]</i>				
	FINAL APPROVAL				
	APPROVED	LOCATION			
	LIBERAL OPERATIONS				
	RECEIVED				
	DEC 02 1993				
	12-3-93				
	APPROVED	IDC			
	DATE	TANGIBLE			
	CODED BY	OPERATIONS			
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$12,203.82

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.