

MUST BE TYPED

SIDE ONE

14-315-35W

COPY

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

API NO. 15- 189-21989  
County STEVENS  
- C - SW - NE Sec. 14 Twp. 31 Rge. 35 E  
1980 Feet from NX (circle one) Line of Section  
1980 Feet from EX (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE SE, NW or SW (circle one)  
Lease Name HANKE "B" Well # 4  
Field Name CHURCHMAN-BIBLE  
Producing Formation CHESTER  
Elevation: Ground 2975.1 KB --  
Total Depth 5770 PBDT 5695  
Amount of Surface Pipe Set and Cemented at 1738 Feet  
Multiple Stage Cementing Collar Used? X Yes \_\_\_ No  
If yes, show depth set 3304 Feet  
If Alternate II completion, cement circulated from \_\_\_  
feet depth to \_\_\_ w/ \_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 1 DPW  
(Data must be collected from the Reserve Pit) 5-10-84  
Chloride content 1800 ppm Fluid volume 700 bbls  
Dewatering method used NATURAL EVAPORATION  
Location of fluid disposal if hauled offsite:  
**RELEASED**  
Operator Name \_\_\_\_\_  
Lease Name NOV 1 1996 License No. \_\_\_\_\_  
Quarter Sec. OCT 20 S. Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket CON

Operator: License # 4549  
Name: ANADARKO PETROLEUM CORPORATION  
Address P. O. BOX 351 **CONFIDENTIAL**  
City/State/Zip LIBERAL, KANSAS 67905-0351  
Purchaser: TEXACO TRADING & TRANSPORTATION, INC.  
Operator Contact Person: J. L. ASHTON  
Phone ( 316 ) 624-6253  
Contractor: Name: BIG "A" DRILLING, INC.  
License: 31572  
Wellsite Geologist: NA  
Designate Type of Completion  
X New Well \_\_\_ Re-Entry \_\_\_ Workover  
X Oil \_\_\_ SWD \_\_\_ SLOW \_\_\_ Temp. Abd.  
\_\_\_ Gas \_\_\_ ENHR \_\_\_ SIGW  
\_\_\_ Dry \_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
\_\_\_ Deepening \_\_\_ Re-perf. \_\_\_ Conv. to Inj/SWD  
\_\_\_ Plug Back \_\_\_ PBDT  
\_\_\_ Commingled \_\_\_ Docket No. \_\_\_\_\_  
\_\_\_ Dual Completion \_\_\_ Docket No. \_\_\_\_\_  
\_\_\_ Other (SWD or Inj?) \_\_\_ Docket No. \_\_\_\_\_  
9-5-95 9-18-95 10-11-95  
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 David W. Kapple  
Title DIVISION DRILLING ENGINEER Date 10/20/95  
Subscribed and sworn to before me this 20th day of October, 1995.  
Notary Public L. Marc Harvey  
Date Commission Expires \_\_\_\_\_

**L. MARC HARVEY**  
Notary Public - State of Kansas  
My Appt. Expires 6/12/98

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) \_\_\_\_\_

OCT 24 1995

Form ACO-1 (7-91)

**SIDE TWO**

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HANKE "B" Well # 4

Sec. 14 Twp. 31 Rge. 35  East  West

County STEVENS

**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 Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: CNL-LDT, DIL, ML, SONIC, MSFL, SBT-GR.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Datum</td> </tr> <tr> <td>B/STONE CORRAL</td> <td>1792</td> <td></td> </tr> <tr> <td>CHASE</td> <td>2570</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2883</td> <td></td> </tr> <tr> <td>HEEBNER</td> <td>4034</td> <td></td> </tr> <tr> <td>LANSING</td> <td>4134</td> <td></td> </tr> <tr> <td>MARMATON</td> <td>4820</td> <td></td> </tr> <tr> <td>MORROW</td> <td>5350</td> <td></td> </tr> <tr> <td>CHESTER</td> <td>5520</td> <td></td> </tr> <tr> <td>ST LOUIS</td> <td>5692</td> <td></td> </tr> </table>	Name	Top	Datum	B/STONE CORRAL	1792		CHASE	2570		COUNCIL GROVE	2883		HEEBNER	4034		LANSING	4134		MARMATON	4820		MORROW	5350		CHESTER	5520		ST LOUIS	5692	
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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	12.25	8.625	24	1738	MIDCON 2/ PREEM PLUS	335/160	2%CC, 1/4#/SK FLC/SAME.
PRODUCTION	7.875	5.5	15.5	5763	MIDCON 2 / 50/50 POZ	115/90	2%CC, .6%HALAD 322/10%SALT, .75% HALAD 322, 1/4#/ SK FLC.
			FO TOOL @	3304	MIDCON 2	65	NONE

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
2	5592-5615	ACID: 4000 GAL 7-1/2% FEHCL	5592-5615'
		FRAC: 35658 GAL 40# BORATE XLINK 2% KCL	5592-5615'
		WTR & 138300# 20/40 SD.	

TUBING RECORD	Size 2-3/8	Set At 5565	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 10-13-95	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 100 Bbls.	Gas 25 Mcf	Water 38 Bbls.	Gas-Oil Ratio	Gravity
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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: 5592-5615

COPY

Attachment to Form ACO-1

CONFIDENTIAL

Core Description  
Anadarko Petroleum Corporation  
Hanke B-4  
Sec 14-31S-35W  
Stevens Co. Kansas

RELEASED

NOV 1 1996

15-189-21989

FROM CONFIDENTIAL

OCT 20

CONFIDENTIAL

5580-5582	Sh-Gry, Calc.
5582-5588.5	Ls-Brn, Crsly Xln, Crs Foss. Frag. (Crin), Sptd Oil Stn, Slo Cut.
5588.5-5601	Sh-Gry, Sli Calc, Smooth Txt.
5601-5603	Ls-Drk Brn, Crs Crin. Frag, Tite.
5603-5608	Ss-Lt Brn, Vf Grn, Sil & Calc, Sptd Oil Stn, Slo Stng Cut, 6%
5608-5612	Ss-Lt Brn, F Grn, Calc, Discrete White Clay Granis, uniform Stn, Good Por, 12%, Excel Strng Cut.
5612-5617	Ls-V Lt Brn, Foss, Sandy Lams, Uniform Stn, Strong Cuts, Lams of 8%.
5617-5618	Ss-Lt Brn, V Crs. Grn, Sil, Tite.
5618-5619	Ls-Brn, F Xln, Shaley Lams, Tite.
5619-5620.5	Ss- Lt Brn, V Sil, Discrete White Clay Grns, Spttd Oil Stain, P-F Por.
5620.5-5623	Ss-Upper F Grn, Ls Clasts, Disc Clay Grns, 6-8%, Spttd Stain.
5623-5624	Ls-Brn, Crs Crin Frag, Tite.
5624-5640	Sh-Gry, Calc.

RECEIVED  
STATE CORPORATION COMMISSION

OCT 24 1995

STATE CORPORATION COMMISSION