

SIDE ONE

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: NA

Operator Contact Person: M. L. Pease

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 Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

* Lost circulation while drilling, plugged & abandoned
If OWN: old well info as follows: 8/8/89

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

8/4/89 8/7/89 NA 8/8/89
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21366-00-00

County Stevens

E/2 NE Sec. 10 Twp. 34S Rge. 39 East West

3890 Ft. North from Southeast Corner of Section

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

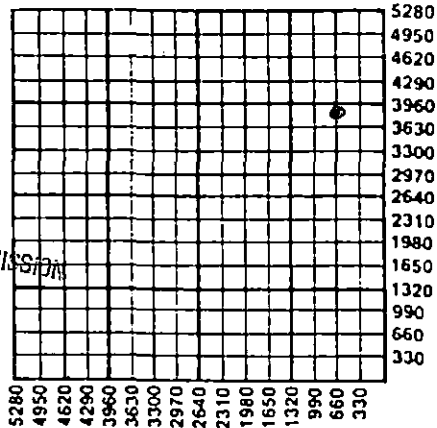
Lease Name Stainbrook "C" Well # 1H

Field Name Hugoton

Producing Formation NA

Elevation: Ground 3258.9 KB NA

Total Depth 1654 PBDT _____



Amount of Surface Pipe Set and Cemented at 8 5/8 @ 559 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.

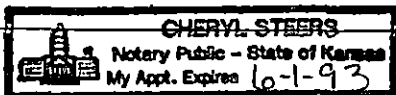
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature David W. Kapple
Title Division Production Engineer Date 11/9/89

Subscribed and sworn to before me this 9th day of November, 1989.

Notary Public Cheryl Steers

Date Commission Expires _____



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)

ORIGINAL

X

SIDE TWO

Operator Name Anadarko Petroleum Corporation Lease Name Stainbrook "C" Well # 1H
 Sec. 10 Twp. 34S Rge. 39 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

Name	Top	Bottom
Sand-Clay	0	556
Redbed-Shale	556	1230
Shale	1230	1272
Glorietta Sand	1272	1450
Shale	1450	1654
TD		1654

Lost circulation during drilling operations. Plug and abandoned as detailed on the attached CP-1 & CP-4 Forms.

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	559	25/75 POZ	355	2% CaCl ₂ + 1/4 sx floccule.

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

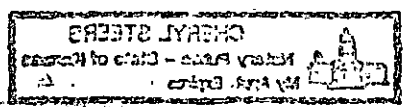
TUBING RECORD

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production NA	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) NA
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: NA **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled
 (If vented, submit ACO-18.) Other (Specify) _____


ORIGINAL

WELL DATA
LD HUGOTON INT-FIELD SEC 10 TWP 34 RNG 39 COUNTY STEVENS STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 1642

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	24"	8 5/8"	6-6'		
LINER	U	16.6"	4 1/2"	6-6'	1400'	
OPEN HOLE			7 7/8"		1642'	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-8-89</u>	DATE <u>8-8-89</u>	DATE <u>8-8-89</u>	DATE _____
TIME <u>0400</u>	TIME <u>0610</u>	TIME <u>0740</u>	TIME _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>MYRON HESTON</u> # 76568	<u>32605</u> Pickup	<u>LIBERAL, KS</u>
<u>JEFF CLARK</u> # 71281	<u>1572-6595</u> 75TC4-REM	<u>LIBERAL, KS</u>
<u>MIKE GILBERT</u> # 83445	<u>1544-6610</u> Bull truck	<u>HUGOTON, KS</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

ORIGINAL

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API
DISPL. FLUID _____ DENSITY _____ LB/GAL-API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL-LB. _____ IN
GELLING AGENT TYPE _____ GAL-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL-LB. _____ IN
BREAKER TYPE _____ GAL-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL-LB. _____ IN
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT CEMENT
DESCRIPTION OF JOB PLUG TO AUGER
50 SK AT 1400'
50 SK AT 559'
10 SK AT 40' 15 SK IN RAT HOLE
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X John Skisling
HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>2125</u>	<u>60% Poz</u>	<u>PREM</u>	<u>B</u>	<u>6% TOTAL GEL</u>	<u>1.65</u>	<u>13.1</u>

PRESSURES IN PSI _____
CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET _____ REASON _____

SUMMARY

VOLUMES

PRESLUSH: BBL-GAL _____ TYPE _____
LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
TREATMENT: BBL-GAL _____ DISPL: BBL-GAL _____
CEMENT SLURRY: BBL-GAL 36.700L
TOTAL VOLUME: BBL-GAL _____

RECEIVED STATE CORPORATION COMMISSION

11117 12 1009

CONSERVATION DIVISION Wichita, Kansas

CUSTOMER: A. ANDERSON PETROLEUM
LEAD: STAINBACK
WELL NO.: C-1-H
JOB TYPE: P.T.A.
DATE: 8-8-89



HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
823360	08/04/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
STAINBROOK C-1H		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES #6	CEMENT SURFACE CASING		08/04/1989	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	DAVID GILMORE		33876	COMPANY TRUCK	80907

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

DIRECT CORRESPONDENCE TO:
SUITE 500
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	15	MI	2.20	33.00
		1	UNT		
001-016	CEMENTING CASING	567	FT	501.80	501.80
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	98.00	98.00
		1	EA		
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
504-043	PREMIUM CEMENT	154	SK	6.85	1,054.90
506-105	POZMIX A	51	SK	3.91	199.41
507-210	FLOCELE	89	LB	1.21	107.69
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00
500-207	BULK SERVICE CHARGE	371	CFT	.95	352.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	243.300	TMI	.70	170.31

INVOICE SUBTOTAL **3,751.06**

DISCOUNT-(BID)

INVOICE BID AMOUNT **1,200.31-**
2,550.75

*-KANSAS STATE SALES TAX **92.94**

*-SEWARD COUNTY SALES TAX **21.88**

4355-2041

KA 8 18

[Signature]
FINAL APPROVAL

AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
AUG 17 1989	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

RECEIVED
STATE CORPORATION COMMISSION
AUG 15 1989
CONSERVATION DIVISION
Wichita, Kansas

INVOICE TOTAL - PLEASE PAY THIS AMOUNT **=====** **\$2,665.57**

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

ORIGINAL

ATTACH TO INVOICE & TICKET NO. 823360

DISTRICT Liberal, KS

DATE 8-4-89

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Quindarko Petroleum Corp (CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. C-1 H LEASE Stainbrook SEC 10 TWP. 34 RANGE 39W

FIELD Hughes Drifill COUNTY STEVENSON STATE KS OWNED BY Smye

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER TYPE _____ SET AT _____

TOTAL DEPTH 564' MUD WEIGHT 9.1#

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF _____

	NEW USED	WEIGHT	SIZE	FROM	.TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>24</u>	<u>8 5/8</u>	<u>667</u>	<u>567</u>	<u>1500</u>
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>6.6</u>	<u>564</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

Cement Surface CSC with 205 sk 2 5/8 P02 2% CC 114# Fluor
at 15.3# Followed by 150 sk Premium 3% CC 114# Fluor at 16.4#
Displace Sw Top Plug with Fresh H₂O.

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees:

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are 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 attorneys 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.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

NOV 13 1989

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE 8-4-89

TIME 17:15 A.M. P.M.

CONSERVATION DIVISION

CUSTOMER

DRILLERS WELL LOG

STAINBROOK C 1H
 SEC. 10-34S-39W
 STEVENS COUNTY, KS

ORIGINAL

Commenced: 8-4-89
 Completed: 8-8-89
 Operator: ANADARKO PETROLEUM CORP. R-6

Depth		Formation	Remarks
From	To		
0	556	Sand-Clay	Ran 13jts of 24# 8 5/8" csg set @ 559' w/205 sks Posmix - 2%CC - 1/4#CF - 150sks Common 3%CC - 1/4#CF PD @ 7:45 PM 8-4-89
556	1230	Redbed-Shale	
1230	1272	Shale	
1272	1450	Glorietta Sand	
1450	1654	Shale	
1654 - TD			

Plugged

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 13 1989
 CONSERVATION DIVISION
 Wichita, Kansas

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.

[Signature]
 James S. Sutton, II --President

Subscribed & sworn to before me this
 11th day of Aug 1989

[Signature]
 Lola Lenore Costa

LOLA LENORE COSTA
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 11-21-92

My Commission expires Nov. 21, 1992