

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION 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: License # 5842  
Name Gabbert-Jones, Inc

Wellsite Geologist NA  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover STATE

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

If OMWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
6/5/89 6/8/89 6/9/89  
Spud Date Date Reached TD Completion Date  
1721 0  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 755 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt  
Cement Company Name Halliburton Services  
Invoice # 803059  
MIL DYA

API NO. 15-189-21-342-0000

County Stevens

N/2 Sec 16 Twp 32S Rge 38 East  
West

4030 Ft North from Southeast Corner of Section  
2440 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

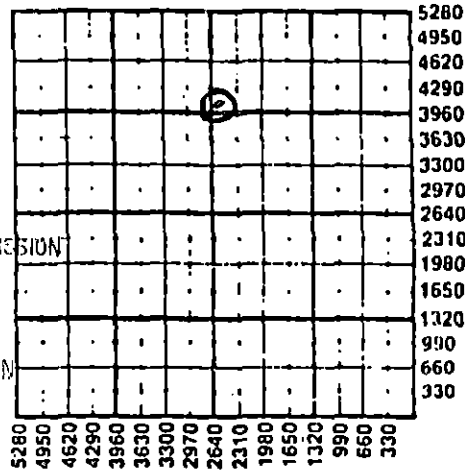
Lease Name SPIKES "D" Well # 1H

Field Name Hugoton

Producing Formation NA

Elevation: Ground 3220 KB NA

Section Plat



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III 25 1989

CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain) Contractor provided water.  
(purchased from city, R.W.D. #)

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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

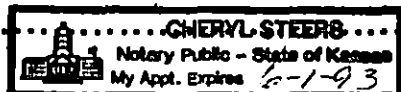
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature M. L. Pease  
Title Division Production Manager Date 7/23/89

Subscribed and sworn to before me this 23rd day of July 1989

Notary Public Cheryl Steers

Date Commission Expires 6-1-93



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Sec. 16 Twp. 32S Rge. 38

Operator Name ... Anadarko Petroleum Corporation ... Lease Name ... SPIKES "D" ... Well # ... 1H ...

Sec. 16 ... Twp. 32S ... Rge. 38 ...  East  West County ... STAVERS

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Clay-Sand	0	540
Redbed	540	1250
Glorietta Sand	1250	1460
Redbed-Shale	1460	1697
Redbed	1697	1721
TD		1721

CASING RECORD <input checked="" type="checkbox"/> Now <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"	8.578"	24	755	Pozmix & Common	510	2% CC

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

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

Date of First Production	Producing Method
NA	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbl's	MCF	Bbl's	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease

Dually Completed  
 Commingled

GABBERT-JONES  
DRILLERS WELL LOG

SPIKES "D" 1H  
Sec. 16-32S-38W  
STEVENS COUNTY, KS

Commenced: 6-5-89  
Completed: 6-9-89  
Operator: ANADARKO PETROLEUM CORP.

Depth		Formation	Remarks
From	To		
0	540	Clay-Sand	Ran 18 jts of 24# 8 5/8" csg LD @ 755 w/360 sks 25/75 Posmix - 2% CC 1/4# FS - 150 sks Common 3% CC - 1/4# FC PD @ 10:30 PM 6-5-89
540	1250	Redbed	
1250	1460	Glorietta Sand	
1460	1697	Redbed-Shale	
1697	1721'	Redbed	
	1721 - TD		

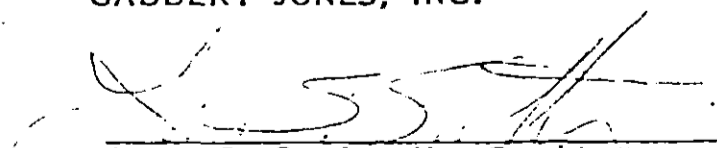
D & A

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STATE COMMISSION  
JUN 25 1989  
CONSERVATION DIVISION  
Topeka, Kansas

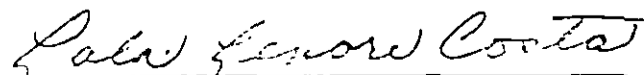
State of Kansas )  
County of Sedgwick ) I, the undersigned, being duly sworn on oath, state  
that the above Drillers ' Well Log is true and correct  
to the best of my knowledge and belief and according  
to the records of this office.

GABBERT-JONES, INC.

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

  
James S. Sutton, II --President

Subscribed & sworn to before me this  
16th day of June 1989

  
Lola Lenore Costa

My Commission expires Nov. 21, 1992

# HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
603059	06/05/1989

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
SPIRES D-1H	STEVENS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	GABBERT & JONES #9	CEMENT SURFACE CASING	06/05/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
019595	DAVID GILMORE		33876
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO.
			17532

DIRECT CORRESPONDENCE TO:

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

SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

4339-2041

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	10	MI	2.20	22.00
		1	UNT		
001-016	CEMENTING CASING	764	FT	580.60	580.60
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	8	5/8 IN	90.00	90.00
		1	EA		
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
504-043	PREMIUM CEMENT	270	SK	6.85	1,849.50
506-105	POZNIX A	90	SK	3.91	351.90
507-210	FLOCELE	128	LB	1.21	154.88
509-406	ANHYDROUS CALCIUM CHLORIDE	11	SK	25.75	283.25
500-207	DULK SERVICE CHARGE	532	GFT	.95	505.40
500-306	MILEAGE CMTG. MAT DEL OR RETURN	235.740	TMI	.70	165.02
	INVOICE SUBTOTAL				5,030.05
	DISCOUNT (BID)				1,710.18
	INVOICE BID AMOUNT				3,319.87
	*- KANSAS STATE SALES TAX				116.90
	*- SEWARD COUNTY SALES TAX				29.22
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$3,465.99

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STATE CORPORATION COMMISSION

JUN 25 1989

CONSERVATION DIVISION  
Wichita, Kansas

*David Gilmore*

6-15-89

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 INTEREST THEREON IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.