

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, Kansas 67905-0351

Purchaser: Panhandle Eastern Pipeline Company  
(Transporter)

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.)

If OWO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

8/14/89 8/17/89 10/26/89

Spud Date Date Reached TD Completion Date

API NO. 15- 189-21,369-00-00

County Stevens

NE SE SW Sec. 22 Twp. 34S Rge. 38  East West

1250 Ft. North from Southeast Corner of Section

2740 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

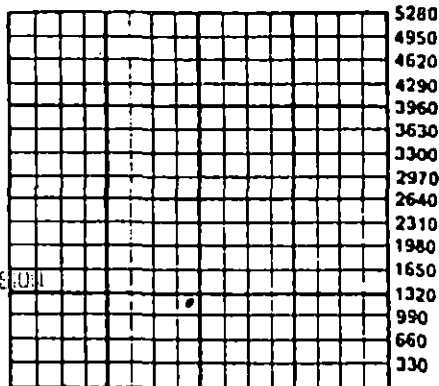
Lease Name Burrows "C" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3216.3 KB NA

Total Depth 3010 PBDT 2994



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STATE CORPORATION COMMISSION

JAN 25 1990

CONSERVATION DIVISION  
Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 642 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 Beverly J. Williams

Title Engineering Technician Date 1-23-90

Subscribed and sworn to before me this 23rd day of January, 1990.

Notary Public C Cheryl Steers

Date Commission Expires \_\_\_\_\_



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

X

**SIDE TWO**

Operator Name Anadarko Petroleum Corporation Lease Name Burrows "C" Well # 1H  
 Sec. 22 Twp. 34S Rge. 38  East County Stevens  
 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.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Blaine	1115	1183
Cedar Hills	1223	1411
Stone Corral	1700	1776
Chase	2630	2968
Council Grove	2968	NA
TD		3010

**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#	642	Pozmix & Common Class "C"	400	2% CC
Production	7-7/8"	5-1/2"	14#	3008		260	3% CC 20% DCD 10% DCD

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2946-60, 2915-26, 2853-84, 2793-2842, 2738-66, 2676-2719, 2647-58	Brk dwn w/20,700 gals 2% KCl wtr + 468 BS. Frac w/111,600 gals X-linked gelled 2% KCl wtr + 401,700# 10/20 sand.	2647-2960 O.A.

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production WO Sales Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  
 2420 @ 87#

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Conningled  
 Other (Specify): \_\_\_\_\_  
 Production Interval: 2647-2960 O.A.

ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
823289	08/14/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BURROWS C-1H		STEVENS		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL		GABBERT & JONES #11	CEMENT SURFACE CASING		08/14/1989	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
019595	DAVID GILMORE		33876	COMPANY TRUCK	81136	

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STATE CORPORATION COMMISSION

DIRECT CORRESPONDENCE TO:

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

AUG 23 1989

SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

CONSERVATION DIVISION  
Wichita, Kansas

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	645	FT	533.00	533.00
		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	188	SK	6.85	1,287.80
506-105	POZMIX A	62	SK	3.91	242.42
509-406	ANHYDROUS CALCIUM CHLORIDE	9	SK	25.75	231.75
507-210	FLOCELE	100	LB	1.21	121.00
500-207	BULK SERVICE CHARGE	418	CFT	.95	397.10
500-306	MILEAGE CMTG MAT DEL OR RETURN	278.850	TMI	.70	195.20
INVOICE SUBTOTAL					4,166.77
DISCOUNT-(BID)					1,250.02-
INVOICE BID AMOUNT					2,916.75
*-KANSAS STATE SALES TAX					107.12
*-SEWARD COUNTY SALES TAX					25.21
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$3,049.08

FINAL APPROVAL	
APR #	LOCATION
LIBERAL OPERATIONS RECEIVED	
AUG 23 1989	
APPROVED	IDC
DATE	TANGIBLE
LOGGED BY	OPERATIONS

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.

GABBERT-JONES  
DRILLERS WELL LOG

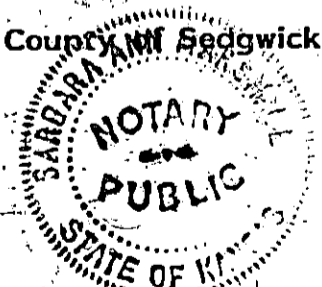
BURROW "C" 1H  
SEC. 22-34S-38W  
STEVENS COUNTY, KS

Commenced: 8-14-89  
Completed: 8-18-89  
Operator: ANADARKO PETROLEUM CORP. R-11

Depth		Formation	Remarks
From	To		
0	645	Sand-Clay	Ran 14 jts of 24# 8 5/8" csg set @ 583' w/210 sks 25/75 Posmix -2%CC -1/4#CF 150 sks Common - 3%CC 1/4#CF PD @ 8:45PM 8-15-89
645	851	Redbed	
851	1238	Sand	
1238	1408	Glorietta Sand	
1408	2000	Shale	
2000	3010	Shale-Lime	
	3010 -TD		Ran 67 jts of 14# 5 1/2" csg LD @ 2891' w/205 sks class C - 20%DCD - 2%CC 1/4#CF - 40sks class C 10%DCD - 2%CC - 1/4#CF PD @ 4:00AM 8-18-89 RR @ 5:00 AM 8-18-89

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STATE CORPORATION COMMISSION  
JAN 25 1990  
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.

*James S. Sutton, II*  
James S. Sutton, II - President

Subscribed & sworn to before me this  
22nd day of Aug 1989

*Barbara Ann Marshall*  
Barbara Ann Marshall

My Commission expires Aug. 15, 1992