

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
Liberal, KS 67905-0351
Purchaser: Panhandle Eastern Pipeline Co.
(Transporter)
Operator Contact Person: M. L Pease
Phone (316) 624-6253
Contractor: Name: Gabbert-Jones, Inc.
License: 5842
Wellsite Geologist: NA

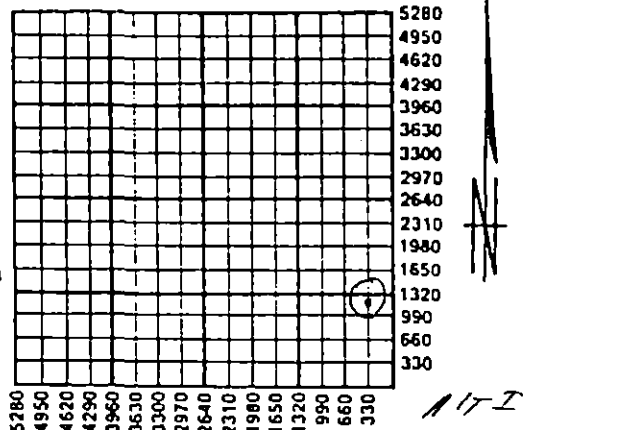
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Desal. Comp.
 Dry Other (Core, Water Supply, etc.)

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

Drilling Method:
 Mud Rotary Air Rotary Cable
4/1/89 4/4/89 5/11/89
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21,313-00-00
County Stevens
S2 S4
NE SW SW Sec. 35 Twp. 33S Rge. 38 East
1250 Ft. North from Southeast Corner of Section
330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Perrill "C" Well # 1H
Field Name Hugoton
Producing Formation Chase
Elevation: Ground 3165.0 KB NA
Total Depth 2945 PBDT 2912



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CONSERVATION DIVISION
Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 596 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: M. L Pease
Title Division Production Manager Date 12/13/89

Subscribed and sworn to before me this 13th day of December 19 89.

Notary Public: Cheryl Steers
Date Commission Expires _____



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

SIDE TWO

Operator Name Anadarko Petroleum Corporation

Lease Name Perrill "C"

Well # 1H

Sec. 35 Twp. 33S Rge. 38

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	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>986</td> <td>1122</td> </tr> <tr> <td>Cedar Hills</td> <td>1180</td> <td>1360</td> </tr> <tr> <td>Stone Corral</td> <td>1656</td> <td>1730</td> </tr> <tr> <td>Chase</td> <td>2556</td> <td>2890</td> </tr> <tr> <td>Council Grove</td> <td>2890</td> <td>NA</td> </tr> <tr> <td>TD</td> <td></td> <td>2945</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	986	1122	Cedar Hills	1180	1360	Stone Corral	1656	1730	Chase	2556	2890	Council Grove	2890	NA	TD		2945
Name	Top		Bottom																				
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Stone Corral	1656	1730																					
Chase	2556	2890																					
Council Grove	2890	NA																					
TD		2945																					
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						

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	24.0	596	Pozmix & Common	370	3% CC
Production	7 7/8	5 1/2	14.0	2940	Class C	250	10% DCD 20% DCD
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
2	2586-96, 2618-49, 2662-2701,			BRK DWN w/17,900 gal 2% KCL			
2	2726-64, 2782-2805, 2846-54			FRAC. w/108,200 gal X-Linked			
2	2872-82			2% KCL WTR & 367,700# 12/20 SD.			
TUBING RECORD				Liner Run			
	Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production 6/20/89		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas 1630 Mcf @ 90 psig	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval
2586-2882
O.A.

HALLIBURTON SERVICES

A Halliburton Company

INVOICE

INVOICE NO.	DATE
802705	04/01/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
PERRILL C-1H		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES #6	CEMENT SURFACE CASING		04/01/1989	
AGGT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	JOHN SHILLING		33876	COMPANY TRUCK	7448

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

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	6	MI	2.20	13.20
		1	UNT		
001-016	CEMENTING CASING	600	FT	515.00	515.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	8 5/8	IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
504-043	PREMIUM CEMENT	165	SK	6.85	1,130.25
506-105	POZMIX A	55	SK	3.91	215.05
507-210	FLOCELE	93	LB	1.21	112.53
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00
500-207	BULK SERVICE CHARGE	386	CFT	.95	366.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	103.242	TMI	.70	72.27
INVOICE SUBTOTAL					3,740.50
DISCOUNT-(BID)					1,122.13-
INVOICE BID AMOUNT					2,618.37
*- KANSAS STATE SALES TAX					89.95
*- SEWARD COUNTY SALES TAX					22.49
INVOICE TOTAL					\$2,730.81

FINAL APPROVAL	
AGE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
APR 10 1989	
APPROVED	IDC
DATE	TANGIBLE
CHECKED BY	OPERATIONS

4315-2041
K44-14

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CONSERVATION DIVISION
Wichita, Kansas

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

PERRILL "C" 1H
 SEC. 35-33S-38W
 STEVENS COUNTY, KANSAS

Commenced: 4-1-89
 Completed: 4-4-89
 Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	533	Sand - Clay	Ran 15 jts of 24# 8 5/8" csg LD @ 596' w/220 sks 25/75 Posmix - 2% CC - 1/4# CF 150 sks Common - 3% CC 1/4# CF PD @ 11:45 PM 4-1-89
533	1200	Redbed	
1200	1368	Glorietta Sand	
1368	2550	Shale	
2550	2820	Lime - Shale	
2820	2945	Shale - Lime	Ran 70 jts of 14# 5 1/2" csg LD @ 2940' w/210 sks Class C 20% DCD - 2% CC - 1/4# CF 40 sks Class C - 10% DCD 2% CC - 1/4# CF PD @ 3:30 PM 4-4-89
	2945 TD		

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.

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

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 STATE CORPORATION COMMISSION

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

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

DEC 20 1989

CONSERVATION DIVISION
 Wichita, Kansas

[Signature]
 Lola Lenore Costa

My Commission expires Nov. 21, 1992