

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: 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

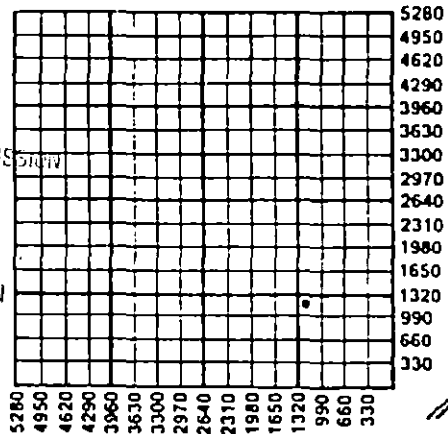
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd. CONSERVATION DIVISION
 Gas Inj Delayed Comp. Wichita, Kansas
 Dry Other (Core, Water Supply, etc.)

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

Drilling Method:
 Mud Rotary Air Rotary Cable
8/9/89 8/12/89 10/20/89
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21,370-0000
County Stevens
NW SE SE Sec. 16 Twp. 32S Rge. 38 East
1250 Ft. North from Southeast Corner of Section
1250 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Spikes "D" Well # 2H
Field Name Hugoton Youngred East
Producing Formation Chase
Elevation: Ground 3186.2 KB NA
Total Depth 2903 PBDT 2880



Amount of Surface Pipe Set and Cemented at 591 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.

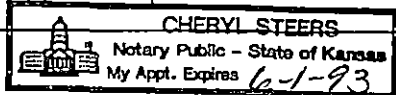
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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, 19 90.

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)

SIDE TWO

Operator Name Anadarko Petroleum Corp. Lease Name Spikes "D" Well # 2H
 Sec. 16 Twp. 32S 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)	<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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> <th style="width:20%;"></th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>1144</td> <td>1238</td> <td></td> </tr> <tr> <td>Cedar Hills</td> <td>1270</td> <td>1441</td> <td></td> </tr> <tr> <td>Stone Corral</td> <td>1713</td> <td>1759</td> <td></td> </tr> <tr> <td>Chase</td> <td>2490</td> <td>2820</td> <td></td> </tr> <tr> <td>Council Grove</td> <td>2820</td> <td>NA</td> <td></td> </tr> <tr> <td>TD</td> <td></td> <td>2903</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom		Blaine	1144	1238		Cedar Hills	1270	1441		Stone Corral	1713	1759		Chase	2490	2820		Council Grove	2820	NA		TD		2903	
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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 1/4	8 5/8	24.0	591	Pozmix & Common	185	2% CC
Production	7 7/8	5 1/2	14.0	2973	Class C	605	3% CC 20% DCD 10% DCD
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			
2	2808-19, 2766-78, 2710-39, 2654-84,			BK DWN w/18,100 gals 2% KCL			2513-2819
2	2593-2624, 2541-72, 2513-30			WTR & 403 BS. Frac w/136,600 gals x-linked gelled 2% KCL			O.A.
				WTR & 233,000# 10/20 SD			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production WO PIPELINE CONN		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 1790 @ 95 psi	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval 2513-2819 O.A.
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ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
823416	08/10/1989

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
SPIKES D 2H	STEVENS	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	GABERT AND JONES	CEMENT SURFACE CASING	08/10/1989		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	PAUL GATLIN		33876	COMPANY TRUCK	81055

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

RECEIVED
STATE CORPORATION COMMISSION
JUL 25 1989

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	1	MI	2.20	22.00
		10	UNT		
001-016	CEMENTING CASING	591	FT	511.40	511.40
		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	139	SK	6.85	952.15
506-105	POZMIX A	46	SK	3.91	179.86
507-210	FLOCELE	84	LB	1.21	101.64
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00
500-207	BULK SERVICE CHARGE	351	CFT	.95	333.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	156.470	TMI	.70	109.53
INVOICE SUBTOTAL					3,541.53
DISCOUNT-(BID)					1,133.25-
INVOICE BID AMOUNT					2,408.28
*-KANSAS STATE SALES TAX					86.94
*-SEWARD COUNTY SALES TAX					20.45
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,515.67

CONSERVATION DIVISION
Wichita, Kansas

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
AUG 24 1989	
APPROVED	IDC
DATE	TANGIBLE
CODED 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.