

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5598  
Name: APX 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.  
 Gas  Inj  Delayed Completion  
 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  
6/6/89 6/9/89 9/15/89  
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21,330-00-00  
County Stevens  
NE SW NE Sec. 3 Twp. 34S Rge. 38  East West  
3890 Ft. North from Southeast Corner of Section  
1390 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

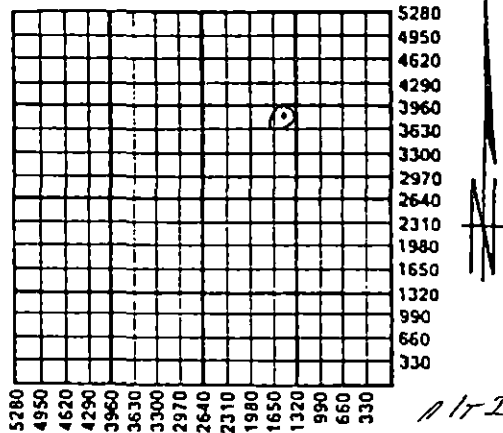
Lease Name Moser "A" Well # 2H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3195.0 KB NA

Total Depth 2945 PBDT 2930



Amount of Surface Pipe Set and Cemented at 580 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.

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Wichita, Kansas

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 12/14/89

Subscribed and sworn to before me this 14th day of December 19 89.

Notary Public Cheryl Steers

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



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

SIDE TWO

Operator Name APX Corporation

Lease Name Moser "A"

Well # 2H-

Sec. 31 Twp. 34S 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.

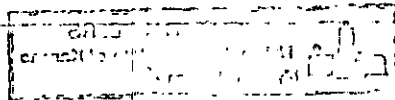
Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log    <input type="checkbox"/> Sample</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>1057</td> <td>1172</td> </tr> <tr> <td>Cedar Hills</td> <td>1213</td> <td>1432</td> </tr> <tr> <td>Stone Corral</td> <td>1682</td> <td>1760</td> </tr> <tr> <td>Chase</td> <td>2566</td> <td>2918</td> </tr> <tr> <td>Panoma Council Grove</td> <td>2918</td> <td>NA</td> </tr> <tr> <td></td> <td></td> <td>2945</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	1057	1172	Cedar Hills	1213	1432	Stone Corral	1682	1760	Chase	2566	2918	Panoma Council Grove	2918	NA			2945
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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																						

<b>CASING RECORD</b> <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	580	Pozmix & Common	375	3% CC
Production	7 7/8	5 1/2	14.0	2937	Class C	250	10% DCD 20% DCD
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b> (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	2906-12, 2897-2902, 2866-75, 2805-24			BRK DN w/17,400 gal 2% KCL		2597-2912'	
2	2743-90, 2691-2716, 2633-2667,			WTR. FRAC. w/111,000 gal gelled		O.A.	
2	2597-2606			2% KCL WTR & 401,700# 12/20 SD.			
<b>TUBING RECORD</b>							
Size		Set At		Packer At		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production	Producing Method						
10/10/89	<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 2420 Mcf @ 80 psig	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas:     Vented     Sold     Used on Lease     Open Hole     Perforation     Dually Completed     Comingled  
 (If vented, submit ACO-18.)    Other (Specify) \_\_\_\_\_

Production Interval 2597-2912'

O.A.



P.O. BOX 651046  
DALLAS, TX 75265

**HALLIBURTON SERVICES**

A Halliburton Company

INVOICE

INVOICE NO.	DATE
803008	06/06/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
MOSE A-2H		STEVENS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #6	CEMENT SURFACE CASING		06/06/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	JOHN SHILLING			COMPANY TRUCK	77532

DIRECT CORRESPONDENCE TO:

APX CORPORATION  
P. O. BOX 351  
LIBERAL, KS 67905-0351

SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

*2166-2041*

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	585	FT	509.00	509.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	98.00	98.00
		1	EA		
504-043	PREMIUM CEMENT	169	SK	6.85	1,157.65
506-105	POZMIX A	56	SK	3.91	218.96
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00
507-210	FLOCELE	94	LB	1.21	113.74
500-207	BULK SERVICE CHARGE	391	CFT	.95	371.45
500-306	MILEAGE CMTG MAT DEL OR RETURN	174.320	TMI	.70	122.02
INVOICE SUBTOTAL					3,846.32
DISCOUNT-(BID)					1,307.73-
INVOICE BID AMOUNT					2,538.59
*-KANSAS STATE SALES TAX					87.53
*-SEWARD COUNTY SALES TAX					21.89
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,648.01

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Wichita, Kansas

*David L. Limer*

*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 ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

GABBERT-JONES  
DRILLERS WELL LOG

MOSER "A" 2H  
SEC. 3-34S-38W  
STEVENS COUNTY, KS

Commenced: 6-6-89

Completed: 6-9-89

Operator: APX CORPORATION

Depth		Formation	Remarks
From	To		
0	930	Sand-Clay	Ran 14jts of 24# 8 5/8"
930	1225	Shale	csg LD @ 580 w/225 sks
1225	1375	Glorietta Sand	25/75 Posmix - 2%CC - 1/4 CF
1375	1435	Shale	150 Common - 3%CC
1435	1890	Shale- Lime	1/4# CF
1890	2640	Shale	PD @ 3:30 PM 6-6-89
2640	2945	Shale-Lime	
	2945 - TD		Ran 71 jts of 14# 5 1/2" csg LD @ 2937 w/210 sks class C 20% DCD - 2%CC - 1/4# SF 40 sks Class C - 10% DCD 2% CC - 1/4# SF PD @ 5:15 AM 6-9-89

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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*  
James S. Sutton, II --President

Subscribed & sworn to before me this  
20th day of June 1989

*Lola Lenore Costa*  
Lola Lenore Costa

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