

ORIGINAL

SIDE ONE

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 Pipe Line 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 OWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4-14-89 4-16-89 8-11-89
Spud Date Date Reached TD Completion Date

API NO. 15- 129-20,965-00-00
County Morton
NW SE SE Sec. 15 Twp. 33S Rge. 40 X East West
1250 Ft. North from Southeast Corner of Section
1250 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

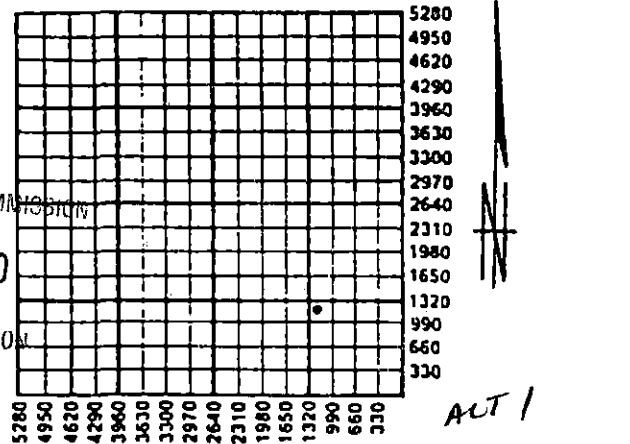
Lease Name ZIMMER "A" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3300.1 KB NA

Total Depth 2701 PBTD 2595



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STATE CORPORATION COMMISSION
FEB 1 1990
CONSERVATION DIVISION
Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 570 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.

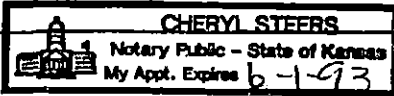
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly P. Williams
Title Engineering Technician Date 1-30-90

Subscribed and sworn to before me this 30th day of January, 1990.

Notary Public Cheryl Steers

Date Commission Expires _____



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

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SIDE TWO

Operator Name APX CORPORATION Lease Name ZIMMER "A" Well # 1H

Sec. 15 Twp. 33S Rge. 40 East West
 County Morton

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)</p>	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: center;">Top</th> <th style="text-align: center;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td style="text-align: center;">1060</td> <td style="text-align: center;">1144</td> </tr> <tr> <td>Cedar Hills</td> <td style="text-align: center;">1183</td> <td style="text-align: center;">1340</td> </tr> <tr> <td>Stone Corral</td> <td style="text-align: center;">1603</td> <td style="text-align: center;">1620</td> </tr> <tr> <td>Chase</td> <td style="text-align: center;">2306</td> <td style="text-align: center;">2643</td> </tr> <tr> <td>Council Grove</td> <td style="text-align: center;">2643</td> <td style="text-align: center;">NA</td> </tr> <tr> <td>TD</td> <td style="text-align: center;">2701</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	1060	1144	Cedar Hills	1183	1340	Stone Corral	1603	1620	Chase	2306	2643	Council Grove	2643	NA	TD	2701	
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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#	570	Pozmix & Common	325	3% CC
Production	7 7/8	5 1/2	14#	2694	Class "C"	230	10% DCD 20% 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	2330-2337, 2345-2387, 2406-2448	BK dwn w/11,100 gal 2% KCL wtr. Frac w/57,000 gal foamed gelled 2% KCL wtr + 130,000# 12/20 snd.
2	2472-2505	Acidize w/3300 gal 15% FE Acid Frac w/6600 gal foamed gelled 2% KCL wtr & 8000# 12/20 snd.

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 9-12-89	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		1790 @ 80 psi			

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 2330-2505 O.A.

GABBERT-JONES
DRILLERS WELL LOG

ORIGINAL

ZIMMER "A" 1H
SEC. 15-33S-40W
STEVENS COUNTY, KANSAS

Commenced: 4-14-89
Completed: 4-16-89
Operator: APX CORPORATION

Depth		Formation	Remarks
From	To		
0	431	Sand - Clay	Ran 14 jts of 24# 8 5/8" csg LD @ 570' w/175 sks 25/75 Posmix - 2% CC - 1/4# CF 150 sks Common - 3% CC 1/4# CF. PD @ 7:00 PM 4-14-89
431	575	Redbed	
575	1188	Redbed - Shale	
1188	1300	Glorietta Sand	
1300	2701	Shale	
	2701 TD		Ran 63 jts of 14# 5 1/2" csg LD @ 2694' w/190 sks Class C 20% DCD - 2% CC - 1/4# CF 40 sks Class C - 10% DCD 2% CC - 1/4# CF PD @ 4:45 PM 4-16-89.

RECEIVED
STATE CORPORATION COMMISSION

FEB 1 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
20th day of April 1989

Lola Lenore Costa
Lola Lenore Costa

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

My Commission expires Nov. 21, 1992