

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION 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, Kansas 67905-0351

Purchaser Panhandle Eastern Pipe Line Co.  
(Transporter)

Operator Contact Person M. L. Pease  
Phone (316) 624-6253

Contractor: License # 5842  
Name Gabbert-Jones, Inc.

Wellsite Geologist NA  
Phone

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

7/13/88 7/16/88 9/23/88  
Spud Date Date Reached TD Completion Date  
2837 2826  
Total Depth PBID

Amount of Surface Pipe Set and Cemented at 518 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt  
Cement Company Name Halliburton Services  
Invoice # 769398

API No. 15-189-21,212-0000 FROM CONFIDENTIAL  
County Stevens  
NENE SW SW Sec. 30 Twp. 32S Rge. 38 East  
X West

1250 Ft North from Southeast Corner of Section  
3882 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Shafer "D" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3205.3 KB

Section Plat

Grid showing section plat with elevations ranging from 330 to 5280.

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

X Other (explain) Contractor provided water (purchased from city, R.W.D. #)

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. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Subscribed and sworn to before me this 31st day of Dec 1988

Notary Public

Date Commission Expires

KANSAS REGISTERED  
WICHITA  
DEC 28 1988

NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 1-6-91

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

Sec 100  
Rge 38  
Twp 32S

Operator Name **APX Corporation** Lease Name **fer "D"** Well # **1H**

Sec. **30** Twp. **32S** Rge. **38**  East  West County **Stevens**

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name	Top	Bottom
Sand, Clay	0'	523'
Redbed	523	1240
Glorietta Sand	1240	1393
Shale	1393	2730
Shale, Lime	2730	2837
TD		2837

CASING RECORD  Now  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	518	Pozmix A	295	3% CC
Production	7-7/8"	5-1/2"	14.0	2831	Class C	245	10% DCD, 20% DCD

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2454-2470, 2474-2515, 2524-2564, 2600-2640, 2655-2684, 2708-2723, 2752-2763	Brkdn w/21,200 gal 2% KCL wtr F/135,000 gelled 2% KCL wtr & 367,800# 12/20 sd	2454-2763

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 **9/27/88** Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	0 Bbls	2100 MCF @ 94 psig	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) ..... **..2454-2763.OA..**  
 Dually Completed  Conningled

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Field Name Hugoton

Producing Formation Chase

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Section Plat

Table with 10 columns and 10 rows representing a section plat grid. Values range from 5280 to 330.

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Docket #  Repressuring

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Division of Water Resources Permit #

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(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge East West

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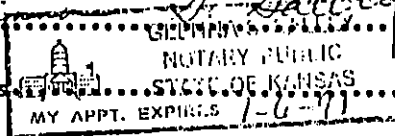
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature M. L. Pease  
Title Division Production Manager Date 10/22/88

Subscribed and sworn to before me this 31st day of Oct. 1988

Notary Public [Signature]

Date Commission Expires [Signature]



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SHD/Pop NGPA  
KGS Plug Other  
(Specify)  
12-22-88

RECEIVED  
STATE CORPORATION COMMISSION  
12-22-88  
DEC 16 1988  
CONSERVATION DIVISION  
Wichita, Kansas