

12/21/88  
RELEASED

ORIGINAL

SIDE ONE

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

API NO. 15-129-20,928-00-00 JAN 0 3 1992

County Morton FROM CONFIDENTIAL

E2E2 NW SW Sec. 19 Twp 33S Rge. 39 East  
X West

1980 Ft North from Southeast Corner of Section  
4030 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Doll "A" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3270.0 KB

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

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

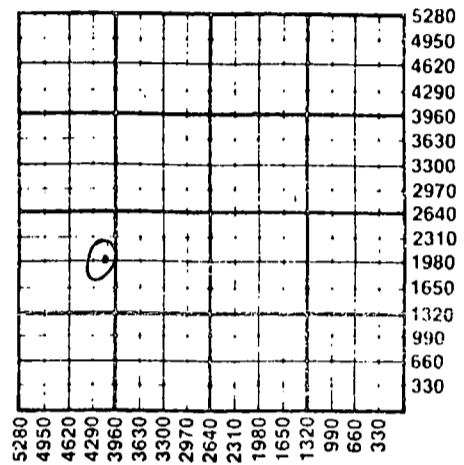
Drilling Method:  
 Mud Rotary  Air Rotary  Cable

8/26/88 8/28/88 10/26/88  
Spud Date Date Reached TD Completion Date  
2817 2649  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 527 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 # 769960

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WICHITA, KANSAS

Section Plat



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

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 12/20/88

Subscribed and sworn to before me this 19th day of Dec 1988  
Notary Public Glenna S. Salley

Date Commission Expires  
GLENNA S. SALLEY  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 1-6-91

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)  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH  
Form ACO-1 (5-86)

DEC 20 1988

Sec 19, Twp 33, Rge 39

Operator Name APX Corporation Lease Name Doll "A" Well # 1H

Sec 19 Twp 33S Rge 39 County Morton

East  
 West

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'	532'
Redbed	532	1230
Glorietta Sand	1230	1330
Shale	1330	2215
Shale, Lime	2215	2520
Lime, Shale	2520	2817
TD		2817

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"	24.0	527	Pozmix & Common	295	2% CC
Production	7-7/8"	5-1/2"	14.0	2810	Class C	240	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	2447-2456, 2473-2509, 2514-2559, 2594-2631, 2653-2681, 2696-2708, 2750-2756, 2740-2744	Brk dwn w/19,700 gal 2% KCL Frac w/135,000 gal x-link gelled 2% KCL + 367,800# 12/20 sd	2447-2631 OA
	Cmt retainer at 2649		

TUBING RECORD

Size Set At Packer at Liner Run  Yes  No

Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (explain)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	@ 40#	481 MCF	0 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) ..... 2447-2631  
 Dually Completed  Commingled .....

**HALLIBURTON SERVICES**

A Halliburton Company

INVOICE

INVOICE NO.	DATE
769960	08/26/1988

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
DOLL A-1H		MORTON		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES	CEMENT SURFACE CASING		08/26/1988	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	MAX DEEM JR			COMPANY TRUCK	63990

APX CORPORATION  
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
000-117	MILEAGE	16	MI	2.20	35.20
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	535	FT	489.00	489.00
		1	UNT		
030-016	TYPE SW ALUMINUM PLUG-TOP	8	5/8 IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	109	SK	6.85	746.65
506-105	POZMIX A	36	SK	3.91	140.76
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
509-406	ANHYDROUS CALCIUM CHLORIDE	7	SK	25.75	180.25
507-210	FLOCELE	74	LB	1.21	89.54
500-207	BULK SERVICE CHARGE	309	CFT	.95	293.55
500-306	MILEAGE	221.152	TMI	.70	154.81
INVOICE SUBTOTAL					3,239.26
DISCOUNT-(BID)					615.42-
INVOICE BID AMOUNT					2,623.84
*- KANSAS STATE SALES TAX					87.97
*- SEWARD COUNTY SALES TAX					21.99
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,733.80

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CONSERVATION DIVISION  
Wichita, Kansas

FINAL APPROVAL

APET LOCATION

LIBERAL OPERATIONS RECEIVED

SEP 01 1988

9-1-88

2086-2041  
KA 9-1

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

DOLL "A" 1H  
SEC. 19-33S-39W  
STEVENS COUNTY, KS

Commenced: 8-26-88  
Completed: 8-28-88  
Operator: ANADARKO PETROLEUM CORP.

Depth		Formation	Remarks
From	To		
0	532	Sand-Clay	Ran 12 jts of 24# 8 5/8" csg set @ 527' w/145 sks 25/75 Posmix - 2% CC - 1/4# Cellophane - 150 sks Common 3% CC - 1/4# Cellophane PD @ 4:15 PM 8-26-88
523	1230	Redbed	
1230	1330	Glorietta Sand	
1330	2215	Shale	
2215	2520	Shale-Lime	
2520	2817	Lime-Shale	
	2817 - TD		Ran 68 jts of 14# 5 1/2 " csg set @ 2810 w/200 sks class C - 20% DCD +2% CC - 1/4# Cellophane - 40 sks class C - 10% DCD 2% CC - 1/4# cellophane PD @ 10:00 PM 8-28-88 Rig Release 11:00PM 8-28-88

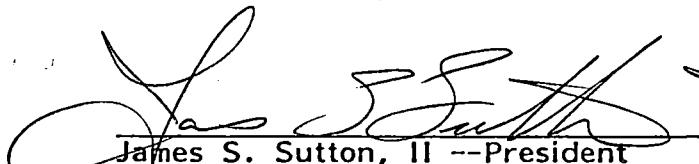
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CONSERVATION DIVISION  
Wichita, Kansas

State of Kansas ) I, the undersigned, being duly sworn on oath, state  
County of Sedgwick ) 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 --President

Subscribed & sworn to before me this  
31st day of August 1988

  
Lola Lenore Costa

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

My Commission expires Nov. 21, 1988