

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-..... 189-21,249-0000 JAN 03 1992
County..... Stevens FROM CONFIDENTIAL
NWNW SE NE Sec. 20 Twp. 32S Rge. 38 East
..... West

Operator: License # 5598
Name APX Corporation
Address P. O. Box 351
City/State/Zip Liberal, Kansas 67905-0351

3890 Ft North from Southeast Corner of Section
1250 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser Panhandle Eastern Pipe Line Co.
(Transporter)

Lease Name Hugoton Energy "A" Well # 1H
Field Name Hugoton

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

Producing Formation Chase
Elevation: Ground 3210.0 KB

Contractor License # 5842
Name Gabbert-Jones, Inc.

Wellsite Geologist NA
Phone

Designate Type of Completion
 New Well Re-Entry Workover

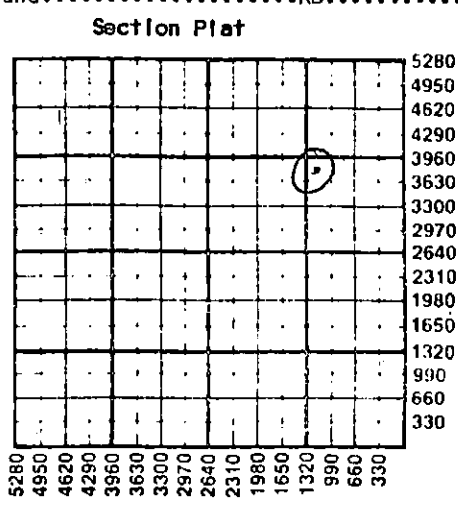
Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc)

If ONWO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY
Drilling Method:
 Mud Rotary Air Rotary Cable
8/29/88 9/5/88 10/25/88
Spud Date Date Reached TD Completion Date
2885 2868
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 562 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 # 769771

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CONSERVATION DIVISION
Wichita, Kansas



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 12/12/88

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

GLENN A. 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)

Sec 20 Twp 32S Rge 38E

Operator Name APX Corporation Lease Name Hugoton Energy "A" Well # 1H

Sec. 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	0'	569'
Redbed	569	1280
Glorietta Sand	1280	1400
Shale	1400	2372
Lime, Shale	2372	2765
Lime	2765	2890
TD		2890

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	562	Pozmix & Common	325	3% CC
Production	7-7/8"	5-1/2"	14.0	2885	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	2512-2522, 2540-2574, 2590-2620, 2656-2688, 2712-2742, 2768-2779, 2800-2807, 2811-2820			Brk dwn w/18,300 gal 2% KCL Frac w/131,502 gal x-link, gelled 2% KCL wtr + 367,800# 12/20 sd.		2512-2820 OA	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method						
10/31/88	<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	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	1630 MCF @ 72#	0 Bbls	CFPB			


METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 2512-2820 OA
 Dually Completed Commingled

HALLIBURTON SERVICES

INVOICE

 A Halliburton Company

INVOICE NO.	DATE
769771	08/29/1988

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HUGOTON ENERGY A-1H		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL	GABBERT & JONES		CEMENT SURFACE CASING		08/29/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	JOHN SHILLING			COMPANY TRUCK	64306

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	13	MI	2.20	28.60
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	562	FT	499.80	499.80
		1	UNT		
030-016	TYPE 5W ALUMINUM PLUG-TOP	8 5/8	IN	82.00	82.00 *
		1	EA		
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50 *
504-043	PREMIUM CEMENT	131	SK	6.85	897.35 *
506-105	POZMIX A	44	SK	3.91	172.04 *
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00 *
507-210	FLOCELE	81	LB	1.21	98.01 *
500-207	BULK SERVICE CHARGE	339	CFT	.95	322.05 *
500-306	MILEAGE	197.548	TMI	.70	138.28 *
INVOICE SUBTOTAL					3,471.63
DISCOUNT--(BID)					659.57-
INVOICE BID AMOUNT					2,812.06
*-KANSAS STATE SALES TAX					95.35
*-SEWARD COUNTY SALES TAX					23.83
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,931.24

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Wichita, Kansas

2089-2041
JA 9-13

Jim Rowland

FINAL APPROVAL	
AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
SEP 13 1988	
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.

GABBERT-JONES
DRILLERS WELL LOG

HUGOTON ENERGY "A" 1H
SEC. 20-32S-38W
STEVENS COUNTY, KANSAS

Commenced: 8-29-88
Completed: 9-5-88
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	569	Sand	Ran 13 jts of 24# 8 5/8" csg LD @ 564' w/175 sks 25/75 Posmix - 2% CC - 1/4# CF 150 sks Common - 3% CC 1/4# CF - PD @ 11:00 PM 8-29-88.
569	1280	Redbed	
1280	1400	Glorita Sand	
1400	2372	Shale	
2372	2765	Lime-Shale	
2765	2890	Lime	
	2890 TD		Ran 70 jts of 14# 5 1/2" csg LD @ 2885' w/205 sks Class C - 20% DCD - 2% CC 1/4# CF - 40 sks Class C 10% DCD - 2% CC - 1/4# CF PD @ 2:00 AM 9-5-88.

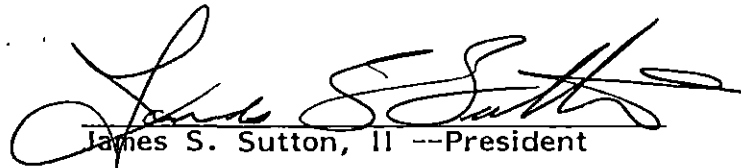
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CONSERVATION DIVISION
Wichita, Kansas

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 --President

Subscribed & sworn to before me this
8th day of September 1988


Lola Lenore Costa

My Commission expires Nov. 21, 1988