

11/28/88

RELEASED

ORIGINAL

SIDE ONE

JAN 03 1992

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 Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8/1/88 8/4/88 11/11/88
Spud Date Date Reached TD Completion Date
2784 2584
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 429 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 # 769666

API NO. 15-129-20,923-06-00 FROM CONFIDENTIAL

County Morton
NE SW SE 33 33S 40 East
SE SW SE 33 33S 40 West

1250 Ft North from Southeast Corner of Section
1390 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

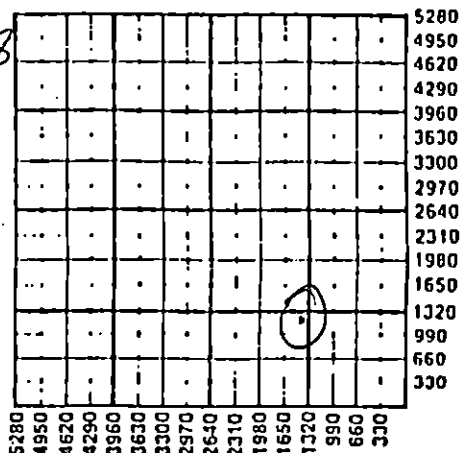
Lease Name Friend "B" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3320.0 KB

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 Divisional Production Manager
Date 11/27/88

Subscribed and sworn to before me this 23rd day of November 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 Time Log Received
Distribution
 KCC SWD/Rap NGPA
 KGS Plug Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION
NOV 28 1988
CONSERVATION DIVISION
Wichita, Kansas

KANSAS CORPORATION COMMISSION
WICHITA BRANCH

Sec. 33 Twp. 33 Rge. 40 E

Operator Name APX Corporation Lease Name Friend "B" Well # 1H

Soc. 33 Twp. 33S Rge. 40 East West County Morton

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'	444'
Redbed, Shale	444	1210
Glorietta Sand	1210	1312
Shale	1312	2784
TD		2784

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	429	Pozmix & Common	250	3% CC
Production	7-7/8"	5-1/2"	14.0	2779	Class C	250	10% DCD, 20% DCD
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	2404-2412, 2428-2457, 2470-2522			Brk dwn w/11,500 gal 2% KCL wtr. Frac w/40,000 gal 2% KCL OA wtr. Foamed 70 quality & 120,000# 12/20 sd		2404-2522	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method <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	1120 MCF @ 60 psig	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 2404-2522 OA
 Dually Completed Commingled

GABBERT-JONES
DRILLERS WELL LOG

FRIEND "B" 1H
SEC. 33-33S-40W
MORTON COUNTY, KANSAS

Commenced: 8-1-88
Completed: 8-4-88
Operator: ANADARKO PETROLEUM CORP.

Depth		Formation	Remarks
From	To		
0	444	Sand-Clay	Ran 10 jts of 24# 8 5/8 " csg LD @ 429' w/100 sks 25/75 Posmix 2% CC - 1/4# Celoflake - 150 sks Common 3% CC - 1/4# Celoflake - PD @ 11:00 PM 8-1-88
444	1210	Redbed-Shale	
1210	1312	Glorietta	
1312	2784	Shale	
	2784 - TD		Ran 67 jts of 14# 5 1/2" csg LD @ 2779' w/210 sks Class C 20% DCD - 2% CC - 1/4# Celoflake 40 sks Class C - 10% DCD 2% CC - 1/4# Celoflake PD @ 12:15 AM 8-4-88

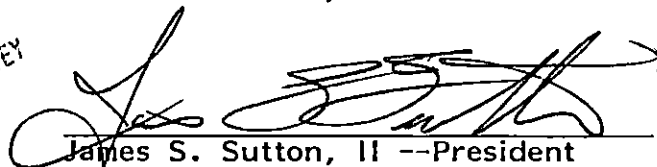
RECEIVED
STATE CORPORATION COMMISSION

NOV 23 1988

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

DEC 06 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

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


Lola Lenore Costa

My Commission expires Nov. 21, 1988



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
769666	08/01/1988

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
FRIEND B-1H		MORTON		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES	CEMENT SURFACE CASING		08/01/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	JOHN SHILLING			COMPANY TRUCK	62918

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	48	MI	2.10	100.80
		1	UNT		
001-018	CEMENTING CASING PUMP CHARGE	444	FT	435.48	435.48
		1	UNT		
030-018	TYPE SW, PLASTIC TOP PLUG	8	5/8 IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	75	SK	6.85	513.75
506-105	POZMIX A	25	SK	3.91	97.75
501-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	25.75	154.50
507-210	FLOCELE	63	LB	1.21	76.23
500-307	BULK SERVICE CHARGE	262	CFT	.95	248.90
500-305	MILEAGE	235.43	TMI	.70	164.80
INVOICE SUBTOTAL					2,901.71
DISCOUNT-(BID)					551.30-
INVOICE BID AMOUNT					2,350.41
*-KANSAS STATE SALES TAX					76.65
*-SEWARD COUNTY SALES TAX					19.15

2074 - 2041

FINAL APPROVAL

APR #	LOCATION
LIBERAL OPERATIONS RECEIVED	
AUG 12 1988	
APPROVED	REC.
DATE	INVOICE
CHECKED	COUNTY

RECEIVED
STATE CORPORATION COMMISSION
10/28/1988
CONSERVATION DIVISION
Wichita, Kansas

INVOICE TOTAL AMOUNT THIS AMOUNT \$2,445.21

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.