

ORIGINAL

SIDE ONE

RELEASED 1/25/90 1725191

MAR 04 1991

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
10-13-88 10-16-88 11-22-88
Spud Date Date Reached TD Completion Date
2835 2826
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 611 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 # 720846

API NO. 15-189-21,275-0000
County Stevens FROM CONFIDENTIAL
SW NE SE Sec 8 Twp 32S Rge 38 East
X West

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

Lease Name Keefer "B" Well # 1H

Field Name Hugoton

Producing Formation Chase

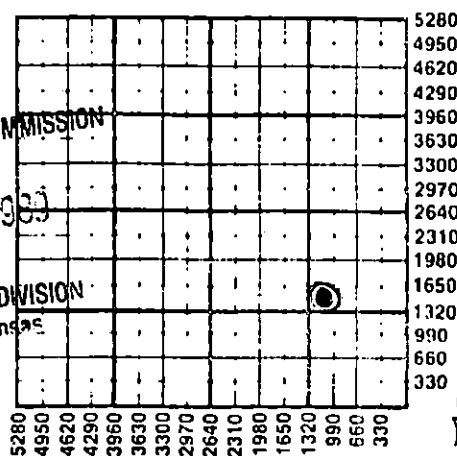
Elevation: Ground 3176.8 KB N/A

Section Plat

RECEIVED
STATE CORPORATION COMMISSION

JAN 25 1991

CONSERVATION DIVISION
Wichita, Kansas



MTI
2-4-91

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 1/22/89

JAN 26 1989

KANSAS GEOLOGICAL SURVEY

Subscribed and sworn to before WICHITA BRANCH day of January 1989
Notary Public Glenna S. Salley

Date Commission Expires

GLENN 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)

Form ACO-1 (5-86)

Sec. 8 Twp 32S Rge 38E

Operator Name APX Corporation Lease Name..... Keefer "B" Well #..... 1H1

Sec..... 8 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'	520'
Redbed	520	755
Shale, Redbed	755	1250
Glbrietta Sand	1250	1405
Redbed	1405	2642
Redbed, Lime	2642	2834
TD		2834

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	611	Pozmix & Common	285	3% CC
Production	7-7/8"	5-1/2"	14.0	2833	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	2469-2529, 2550-2580, 2615-2648, 2670-2702, 2724-2732, 2756-2762, 2768-2778	Brk dwn w/19,900 gal 2% KCL wtr. Frac w/135,000 gal gelled 2% KCL wtr & 367,800# 12/20 sd.	2469-2778 OA

TUBING RECORD	Size	Set At	Packer at	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	1630 MCF @ 90 psig	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 2469-2778 OA
 Dually Completed Commingled

ORIGINAL

RELEASED

MAR 0 4 1991

FROM CONFIDENTIAL

Attachment
Keefer "B" No. 1H
Sec. 8-32S-38W
Stevens County, Kansas
API NUMBER: 15-189-21,275

FORMATION

Blaine
Cedar Hills
Stone Corral
Chase
Council Grove
TD

TOP

1118
1246
1675
2460
2780

BOTTOM

1207
1400
1742
2780
NA
2835

RECEIVED
STATE CORPORATION COMMISSION

MAR - 4 1991

CONSERVATION DIVISION
Wichita, Kansas

GABBERT-JONES
DRILLERS WELL LOG

ORIGINAL

KEEFER "B" 1H
SE/4 SEC. 8-32S-38W
STEVENS COUNTY, KANSAS

RELEASED

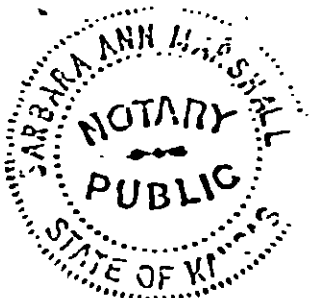
Commenced: 10-13-88
Completed: 10-16-88
Operator: ANADARKO PETROLEUM CORPORATION

RECEIVED
STATE CORPORATION COMMISSION MAR 04 1991
JAN 25 1989 FROM CONFIDENTIAL
CONSERVATION DIVISION
Wichita, Kansas

Depth		Formation	Remarks
From	To		
0	520	Sand - Clay	Ran 14 jts of 24# 8 5/8"
520	755	Redbed	csg LD @ 611' w/235 sks
755	1250	Shale - Redbed	25/75 Posmix - 2% CC
1250	1405	Gloriga Sand	1/4# FS - 150 sks Common
1405	2642	Redbed	3% CC - 1/4# FS
2642	2834	Redbed - Lime	PD @ 12:30 AM 10-14-88
	2834 TD		Ran 69 jts of 14# 5 1/2" csg LD @ 2833' w/200 sks Class C - 20% DCD - 2% CC 1/4# FS - 40 sks Class C 10% DCD - 2% CC - 1/4# FS PD @ 11:00 AM 10-16-88. Rig Released 12:00 Noon 10-16-88.

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
18th day of October 1988

Barbara Ann Marshall

BARBARA ANN MARSHALL

My Commission expires August 15, 1992

HALLIBURTON SERVICES ORIGINAL

P.O. BOX 651046
DALLAS, TX 75265

INVOICE

A Halliburton Company

INVOICE NO.	DATE
720846	10/14/1988

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
KEEFER B-1H		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL	GABBERT & JONES #9		CEMENT SURFACE CASING		10/14/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	DAVID GILMORE			COMPANY TRUCK	66328

RECEIVED
STATE CORPORATION COMMISSION
JAN 25 1989
CONSERVATION DIVISION
Wichita, Kansas

APX CORPORATION
P. O. BOX 351
LIBERAL, KS 67905-0351

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202
MAR 04 1991
FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT												
000-117	MILEAGE	19	MI	2.20	41.80												
		1	UNT														
001-016	CEMENTING CASING PUMP CHARGE	609	FT	518.60	518.60												
		1	UNT														
030-016	TYPE SW ALUMINUM PLUG-TOP	8 5/8	IN	82.00	82.00 *												
		1	EA														
504-043	PREMIUM CEMENT	176	SK	6.85	1,205.60 *												
506-105	POZMIX A	59	SK	3.91	230.69 *												
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50 *												
507-210	FLOCELE	96	LB	1.21	116.16 *												
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00 *												
500-207	BULK SERVICE CHARGE	401	CFT	.95	380.95 *												
500-306	MILEAGE	339.635	TMI	.70	237.74 *												
INVOICE SUBTOTAL					4,047.04												
DISCOUNT- (BID)					768.92-												
INVOICE BID AMOUNT					3,278.12												
*-KANSAS STATE SALES TAX					112.95												
*-SEWARD COUNTY SALES TAX					28.25												
<div data-bbox="414 1522 787 1900" data-label="Form"> <table border="1"> <tr> <td colspan="2">LIBERAL OPERATIONS RECEIVED</td> </tr> <tr> <td colspan="2">OCT 9 1988</td> </tr> <tr> <td>APPROVED</td> <td>DATE</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td>TANGIBLL</td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table> </div>					LIBERAL OPERATIONS RECEIVED		OCT 9 1988		APPROVED	DATE			TANGIBLL				
LIBERAL OPERATIONS RECEIVED																	
OCT 9 1988																	
APPROVED	DATE																
TANGIBLL																	
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,419.32												

2099-2041
KX 10-19

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.