

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
Liberal, Kansas
City/State/Zip 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 OWNED: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

2/24/89... 2/26/89... 5/18/89...
Spud Date Date Reached TD Completion Date
2825... 2802...
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 514 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set... feet
If alternate 2 completion, cement circulated from... feet depth to... SX cmt
Cement Company Name Halliburton Services
Invoice # 723538

API NO. 15-... 189-21,298,06-00

County STEVENS

NW SE SW 8 33S 38 East
Sec. Twp. Rge. West

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

Lease Name KU ENDOWMENT "E" Well # 1H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3181.0 NA KB

Section Plat

Table with 10 columns and 10 rows representing a section plat. A circle is drawn around the intersection of the 5th row and 5th column. The right side of the table lists elevations from 5280 to 330.

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OFFICE OF THE COMMISSIONER
OIL & GAS 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

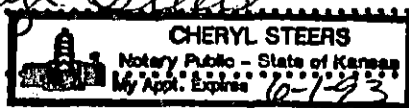
Other (explain) Water provided by contractor
(purchased from city, R.W.D. #)

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 10/5/89

Subscribed and sworn to before me this 5th day of October 1989
Notary Public Cheryl Steers
Date Commission Expires 10-1-93



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

Operator Name **APX Corporation**..... Lease Name **KU ENDOWMENT "E"**..... Well # **1H**.....

Sec. **8**..... Twp. **33S**..... 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

DWK 11/14/89

Name	Top	Bottom
*Blaine	1074	1162
Cedar Hills	1200	1363
Stone Corral	1652	1690
Chase	2449	2774
Council Grove	2774	NA
TD		2825

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	514	Pozmix 5 Common	300	3% CC
Production.....	7-7/8	5-1/2	14.0	2824	Class. G.	245	10% DCD 20% DCD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2482-2489 2496-2526 2538-2578	BRK DN W/17,800 gal 2% KCL WTR	
2	2602-2648 2666-2696 2723-2731	Frac W/133,200 gal X-Linked gelled 2% KCL WTR & 367,700# 12/20 SB.	2482-2770
2	2752-2759 2764-2770		

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production **6/20/89** Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	1630 MCF @100#	Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify).....
 Dually Completed Commingled
 2482-2770 O.A.

ORIGINAL

8-33-38W



Jay

REMIT TO:
P.O. BOX 651046
DALLAS, TX 75265

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
723538	02/24/1989

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
K.U. ENDOWMENT 1-H	STEVENS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PERRYTON	G & J 9	CEMENT SURFACE CASING	02/24/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
001527	JIM BARLOW		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	72741

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	40	MI	2.20	88.00
001-016	CEMENTING CASING	514	FT	481.40	481.40
030-018	CEMENTING PLUG SW, PLASTIC TOP	8	5/8 IN	82.00	82.00
504-043	PREMIUM CEMENT	113	SK	6.85	774.05
506-105	FOZMIX A	37	SK	3.91	144.67
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	75	LB	1.21	90.75
500-207	BULK SERVICE CHARGE	314	CFT	.95	298.30
500-306	MILEAGE CMTG MAT DEL OR RETURN	98.3325	TMI	.70	68.83
	INVOICE SUBTOTAL				3,235.75
	DISCOUNT-(BID)				873.62
	INVOICE BID AMOUNT				2,362.13
	*-KANSAS STATE SALES TAX				77.84
	*-HUGOTON CITY SALES TAX				9.74
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$2,449.71

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STATE COMMISSION

OGT 1 1989

CONSERVATION DIVISION

APPROVED
3-6-89

RECEIVED
MAR 6 1989

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

K.U. ENDOWMENT "E" #1-H
Sec. 8-33S-38W
Stevens Coutny, Kansas

Commenced: February 24, 1989
Completed: February 27, 1989
Operator: APX CORPORATION

Depth		Formation	Remarks
From	To		
0	450	Sand-Clay	Ran 12 jts. of 24# 8 5/8" csg. LD @ 514" w/150 sks. Posmix 25/75 - 2% CC 1/4# FS - 150 Sks Common 3% CC - 1/4# FS - PD @ 7:00 PM 2/24/89
450	1204	Redbed	
1204	1365	Glorietta Sand	
1365	2760	Redbed	
2760	2825	Lime-Shale	
2825 T.D.			Ran 69 jts. of 14# 5 1/2" csg. LD @ 2825' w/205 sks. Class C - 20% DCD - 2% CC 1/4# FS - 40 sks Class C 10% DCD - 2% CC - 1/4# FS PD @ 6:15 AM 2/27/89 RR @ 7:15AM 2/27/89

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STATE OF KANSAS
OCT 18 1989
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
3rd day of March, 1989.


Lola Lenore Costa

LOLA LENORE COSTA
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11/21/92

My Commission expires Nov. 21, 1992