

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

API NO. 15- 129-20,976-00-00
County Morton
NE SW SW Sec. 13 Twp. 33S Rge. 40 East
West

Operator: License # 5598

Name: APX Corporation

Address P. O. Box 351

City/State/Zip Liberal, Kansas 67905-0351

Purchaser: Panhandle Eastern Pipeline Company
(Transporter)

Operator Contact Person: M. L. Pease

Phone (316) 624-6253

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Stabd.
 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 _____

Drilling Method:

Mud Rotary Air Rotary Cable

4/13/89 4/15/89 8/8/89

Spud Date Date Reached TD Completion Date

1250 Ft. North from Southeast Corner of Section

4030 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

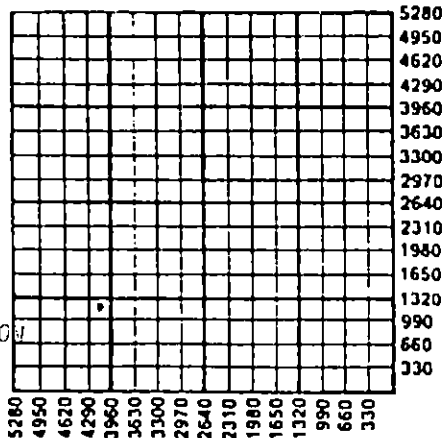
Lease Name Hayward "K" Well # 2H

Field Name Hugoten

Producing Formation Chase

Elevation: Ground 3267.0 KB NA

Total Depth 2726 PBDT 2616



Amount of Surface Pipe Set and Cemented at 618 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

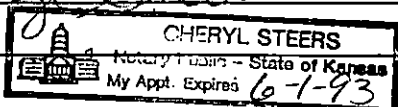
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature M. L. Pease
Title Division Production Manager Date 1/4/90

Subscribed and sworn to before me this 4th day of January, 1990.

Notary Public Cheryl Steers

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 XCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name APX Corporation

Lease Name Hayward "K"

Well # 2H

Sec 13 Twp. 33S Rge. 40

East

County Morton

West

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Blaine	1094	1180
Cedar Hills	1216	1374
Stone Corral	1630	1686
Chase	2380	NA
Council Grove	NA	NA
TD		2726

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	618	Pozmix & Common	360	3% CC
Production	7-7/8"	5-1/2"	14.0	2725	Class "C"	230	10% DCD 20% DCD

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2401-2410, 2420-2455, 2469-2501, 2539-2579	Brk dwn w/9,600 gal 2% KCl wtr. Frac w/62,000 gal X-linked gelled 2% KCl wtr & 157,000# 12/20 sand.	2401-2579 O.A.

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production WO Pipeline Conn	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 Bbls. - Gas Mcf 1540 @ 100# Water Bbls. - Gas-Oil Ratio - Gravity -

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval: 2401-2579 O.A.

ORIGINAL

INVOICE



HALLIBURTON SERVICES

A Halliburton Company

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

KT

INVOICE NO.	DATE
802691	04/13/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HAYWARD K-2H		MORTON		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #9		CEMENT SURFACE CASING		04/13/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
001527	PAUL GATLIN			COMPANY TRUCK	74864	

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
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	10	MI	2.20	22.00
		1	UNT		
001-016	CEMENTING CASING	629	FT	526.60	526.60
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8	IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	158	SK	6.85	1,082.30
506-105	POZMIX A	52	SK	3.91	203.32
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	25.75	206.00
507-210	FLOCELE	91	LB	1.21	110.11
500-207	BULK SERVICE CHARGE	376	CFT	.95	357.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	167.555	TMI	.70	117.29
INVOICE SUBTOTAL					3,734.32
DISCOUNT-(BID)					1,120.28-
INVOICE BID AMOUNT					2,614.04
*-KANSAS STATE SALES TAX					89.19
*-SEWARD COUNTY SALES TAX					22.29
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,725.52

LIBERAL OPERATIONS RECEIVED
APR 19 1989
430.89

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

GABBERT-JONES
DRILLERS WELL LOG

HAYWARD K #2
SEC. 13-33S-40W
MORTON COUNTY, KANSAS

Commenced: 4-13-89
Completed: 4-15-89
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	285	Sand - Clay	Ran 15 jts of 24# 8 5/8" csg
285	400	Clay - Sand	LD @ 620' w/210 sks 25/75
400	1190	Redbed	Posmix - 2% CC - 1/4# FS
1190	1224	Redbed - Shale	150 sks Common - 3% CC
1224	1377	Glorietta Sand	1/4# FS PD @ 8:30 PM
1377	1810	Redbed - Shale	4-13-89
1810	2726	Lime - Shale	

2726 TD

RECEIVED
STATE COMMISSION

JAN 16 1990

COMMISSION DIVISION
MORTON COUNTY

Ran 64 jts of 14# 5 1/2" csg
LD @ 2725' w/190 sks
Class C - 20% DCD - 2% CC
1/4# CF - 40 sks Class C
10% DCD - 2% CC - 1/4# CF
PD @ 7:00 PM 4-15-89.
RR @ 8:00 PM 4-15-89.

State of Kansas
County of Sedgwick

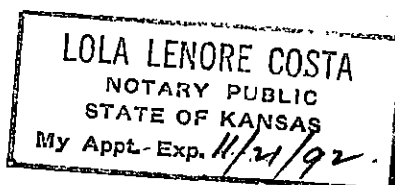
) I, the undersigned, being duly sworn on oath, state
) that the above Drillers ' Well Log is true and correct
) to the best of my knowledge and belief and according
to the records of this office.

GABBERT-JONES, INC.


James S. Sutton, II --President

Subscribed & sworn to before me this
20th day of April 1989


Lola Lenore Costa



My Commission expires Nov. 21, 1992