

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7/9/88 7/12/88 9/16/88
Spud Date Date Reached TD Completion Date
2910 2898
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 558 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 # 769657

API NO. 15-189-21,214-0000 FROM CONFIDENTIAL
County Stevens
NW NW SE SW Sec. 27 Twp. 32S Rge. 38 East
 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 Patrick "A" Well # 1H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3182.9 KB

Section Plat

Section Plat grid with elevations: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330. Includes 'RECEIVED' stamp and 'NOV 7 1988'.

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

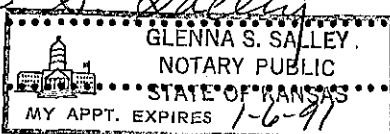
Other (explain) Contractor provided water (purchased from city, R.W.D. #)

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 11/3/88
NOV 0 9 1988

Subscribed and sworn to before me this 9th day of Nov. 1988
Notary Public Glenna S. Salley
Date Commission Expires



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rnp NGPA
 KGS Plug Other (Specify)

Sec 27: Twp 32S Rge 38E

Operator Name APX Corporation Lease Name Patrick "A" Well # 1H

Soc. 27 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	0'	490'
Redbed	490	558
Redbed, Sand	558	1161
Redbed	1161	1238
Glorietta Sand	1238	1395
Redbed	1395	1710
Anhydrite, Redbed	1710	2210
Lime	2210	2587
Lime, Shale	2587	2910
TD		2910

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	558	Pozmix & Common	300	3% CC
Production	7-7/8"	5-1/2"	14.0	2910	Class C	250	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	2526-2544, 2552-2583, 2596-2630, 2665-2707, 2724-2756, 2780-2790, 2814-2825	Brkdwn w/17,800 gal. 2% KCL wtr. & 135,000 gal. gelled. 2% KCL wtr. & 367,800# 12/20 sd.	2526-2825 OA

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production 10-3-88 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	0	1500 @ 65 psig			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 2526-2825 OA
 Dually Completed Conningled

ORIGINAL

Attachment

Patrick "A" No. 1H
Sec. 27-32S-38W
Stevens County, Kansas

API NUMBER: 15-189-21,214

RELEASED

MAR 0 4 1991

FROM CONFIDENTIAL

FORMATION

Blaine
Cedar Hills
Stone Corral
Chase
Council Grove
TD

TOP

1085
1237
1680
2521
NA

BOTTOM

1191
1395
1749
NA
NA
2910

RECEIVED
STATE CORPORATION COMMISSION

MAR - 4 1991

CONSERVATION DIVISION
Wichita, Kansas

GABBERT-JONES
DRILLERS WELL LOG

ORIGINAL

PATRICK "A" 1H
SEC. 27-325-38W
STEVENS, COUNTY, KS

RELEASED

MAR 0 4 1991

FROM CONFIDENTIAL

Commenced: 7-9-88
Completed: 7-12-88
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	490	Sand	
490	558	Redbed	Ran 13jts of 24 # 8 5/8" csg set @ 557' w/150 sks 75/25
558	1161	Redbed-Sand	Posmix - 2%CC - 1/4 # Floseal
1161	1238	Redbed	150 sks Common - 3%CC
1238	1395	Glorita Sand	1/4 # Floseal
1395	1710	Redbed	PD @ 2:00 AM 7-10-88
1710	2210	Anhy-Redbed	
2210	2587	Lime	
2587	2910	Lime-Shale	
	2910- TD		Ran 68 jts of 14 # 5 1/2" csg set @ 2810 w/210 sks Class C - 20% Diecel D 1/4# Floseal - 40 sks Class C - 10% Diecel D 2%CC - PD @ 2:30 PM 7-12-88

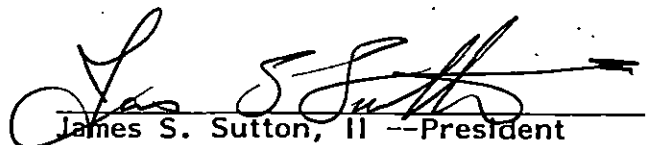
RECEIVED
STATE CORPORATION COMMISSION

NOV 7 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

NOV 09 1988

Subscribed & sworn to before me this
18th of July 1988


Lola Lenore Costa

My Commission expires Nov. 21, 1988

CUSTOMER COPY
INVOICE
INVOICE

ORIGINAL **HALLIBURTON**
SERVICES

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

A DIVISION OF HALLIBURTON COMPANY

RELEASED

INVOICE NO.	DATE
769657	07/09/1988

WELL LEASE NO.	WELL LOCATION	STATE	WELL OWNER
PATRICK A-1H	STEVENS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	GABBERT & JONES #9	CEMENT SURFACE CASING	07/09/1988
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
001527	JIM BARLOW		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	61495

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

2066-2041

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	2.10	84.00
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	553	FT	483.36	483.36
		1	UNT		
030-013	TYPE SW, PLASTIC TOP PLUG	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	113	SK	6.85	774.05
506-105	POZNIX A	37	SK	3.91	144.67
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	299.30
500-306	MILEAGE	140.480	TMI	.70	98.34
INVOICE SUBTOTAL					3,253.22
DISCOUNT - (BID)					619.96-
INVOICE BID AMOUNT					2,643.26
*- KANSAS STATE SALES TAX					87.36
*- RECEIVED COUNTY SALES TAX					21.84
STATE CORPORATION COMMISSION					
NOV 7 1988					
CONSERVATION DIVISION Wichita, Kansas					
INVOICE TOTAL					\$2,752.46

FINAL APPROVAL	
AGE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
7-15 JUL 15 1988	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	ORGANIZATION

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