

ORIGINAL

#116189
RELEASED

SIDE ONE

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

API NO. 15-189-21,206-00-00 FROM CONFIDENTIAL

County.....Stevens
NWNW SE. SE. Sec. 18 Twp. 33S Rge. 37 East
..... West

Operator: License # 5598
Name APX Corporation
Address P. O. Box 351
City/State/Zip Liberal, Kansas 67905-0351

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

Purchaser.....Panhandle Eastern Pipe Line Co.
(Transporter)

Lease Name.....Ratcliff "D" Well #.....1H

Operator Contact Person M. L. Pease
Phone (316) 624-6253

Field Name.....Hugoton

Producing Formation.....Chase

Contractor: License # 5842
Name Gabbert-Jones, Inc.

Elevation: Ground.....3117.4 KB

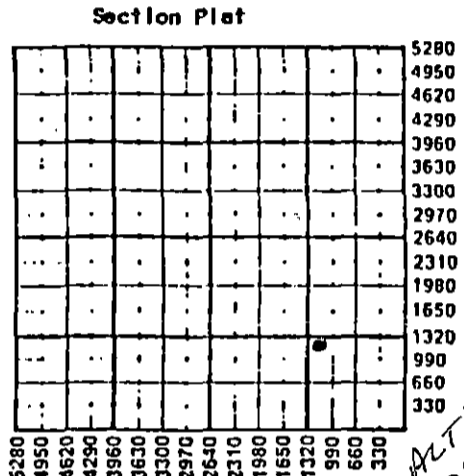
Wellsite Geologist.....NA
Phone.....

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.....

RECEIVED
STATE CORPORATION COMMISSION
NOV 6 1988
CONSERVATION DIVISION
Wichita, Kansas



WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

7/31/88 8/2/88 10/3/88
Spud Date Date Reached TD Completion Date
2896 2874
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 660 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 # 769785

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 David W. Kapple
Title Division Production Engineer
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
NOV 17 1988

Subscribed and sworn to before me this 15th day of November 1988

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 Time Log Received
Distribution
 KCC SWD/Rap NGPA
 KGS Plug Other
(Specify)

Sec. 18, Twp. 33, Rge. 37

Operator Name APX Corporation Lease Name..... Ratcliff "D" Well #..... 1H.....

Sec..... 18..... Twp..... 33S..... Rge..... 37..... 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
Clay, Sand	0'	560'
Redbed	560	1167
Glorietta Sand	1167	1346
Redbed	1346	2320
Lime, Shale	2320	2590
Lime	2590	2850
Lime, Shale	2850	2896

CASING RECORD <input checked="" type="checkbox"/> Now <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	660	Pozmix & Common	315	3% CC
Production	7-7/8"	5-1/2"	14.0	2892	Class C	245	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	2540-2548, 2568-2603, 2620-2650, 2674-2723, 2734-2774, 2792-2801, 2821-2834			Brkdwn w/20,400 gal 2% KCL Frac w/135,000 gal x-link gel 2% KCL + 367,800# 12/20 sd		2540-2834 OA	
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		
	0 Bbls	3800 MCF @ 85#	0 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify) 2540-2834 OA.....
 Dually Completed Commingled

ORIGINAL

RELEASED

MAR 0 4 1991

FROM CONFIDENTIAL.

Attachment

Ratcliff "D" No. 1H
Sec. 18-33S-37W
Stevens County, Kansas
API NUMBER: 15-189-21,206

FORMATION

Blaine
Cedar Hills
Stone Corral
Chase
Council Grove
TD

TOP

1025
1162
1660
2530
NA

BOTTOM

1068
1346
1700
NA
NA
2896

RECEIVED
STATE CORPORATION COMMISSION

MAR - 4 1991

CONSULTATION DIVISION
Wichita, Kansas

GABBERT-JONES
DRILLERS WELL LOG

ORIGINAL

RELEASED

MAR 04 1991

RATCLIFF "D" 1H
1250' FSL & 1250' FEL
Sec. 18-33S-37W
Stevens County, Kansas

FROM CONFIDENTIAL

Commenced: 7-30-88
Completed: 8-2-88
Operator: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	560	Clay-Sand	Ran 15 jts of 24# 8 5/8" csg
560	1167	Redbed	LD @ 660' w/165 sks
1167	1346	Glorita Sand	75/25 Posmix, 1/4# Floseal
1346	2320	Redbed	150 sks common 3% CC
2320	2590	Lime-Shale	1/4# Floseal - PD @ 2:30 AM
2590	2850	Lime	7-31-88 (Gravel top of csg)
2850	2896	Lime-Shale	
	2896 TD		Ran 70 jts of 14# 5 1/2" csg LD @ 2892' w/205 sks class C - 20% DCD - 2% CC 1/4# Floseal - 40 sks Class C 10% DCD - 2% CC - 1/4# Floesal - PD @ 1:00 PM 8-2-88. Rig Released 2:00 PM.

RECEIVED
STATE CORPORATION COMMISSION

NOV 16 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

Subscribed & sworn to before me this
5th day of August 1988


Lola Lenore Costa

My Commission expires Nov. 21, 1988



RELEASED

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

INVOICE

HALLIBURTON SERVICES

MAR 04 1991

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
769789	07/30/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
RATCLIFF D-1H		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES #9	CEMENT SURFACE CASING		07/30/1988	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
019595	E E DETTNER		33876	COMPANY TRUCK	6266

APX CORPORATION
ANADARKO PETROLEUM CORP
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	32	MI	2.10	67.20
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	669	FT	529.98	529.98
		1	UNT		
030-018	TYPE 5W, PLASTIC TOP PLUG	8	5/8 IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	124	SK	6.85	849.40
506-105	POZMIX A	41	SK	3.91	160.31
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	80	LB	1.21	96.80
500-207	BULK SERVICE CHARGE	329	CFT	.95	312.55
500-322	MINIMUM MILEAGE	29.43	TMI	45.00	45.00

RECEIVED
STATE CORPORATION COMMISSION

NOV 16 1988

CONSERVATION DIVISION
Wichita, Kansas

INVOICE SUBTOTAL

3,350.99

DISCOUNT-(BID)
INVOICE BID AMOUNT

636.64-
2,714.35

*-KANSAS STATE SALES TAX
*-SEWARD COUNTY SALES TAX

87.77
21.93

FINAL APPROVAL	
APPROVED	LOCATION
LIBERAL OPERATIONS RECEIVED	
AUG 08 1988	
APPROVED	IDC
DATE	TANGIBLE
CONTROL BY	OPERATIONS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$2,824.05

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 15% 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