

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. 15-189-21,279-00-00 FEB 28 1991

County Stevens FROM CONFIDENTIAL SW NE NW Sec 2 Twp 33S Rge 39 East X West

4030 Ft North from Southeast Corner of Section 3890 Ft West from Southeast Corner of Section (Note: Locate well in section plat below)

Lease Name Leathers "A" Well # 1H

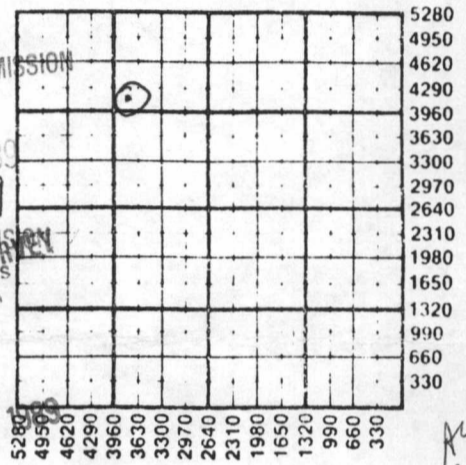
Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3215.9 NA KB

Section Plat

RECEIVED STATE CORPORATION COMMISSION FEB 23 1989 2-23-89 CONSERVATION DIVISION WICHITA BRANCH



MTI 2-18-91

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

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

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 X New Well Re-Entry Workover Oil SWD Temp Abd X Gas Inj Delayed Comp. Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable 10/26/88 10/28/88 12/17/88 Spud Date Date Reached TD Completion Date 2837 2828 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 522 feet Multiple Stage Cementing Collar Used? Yes X 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 # 720645

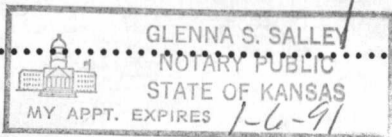
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 2/20/89

Subscribed and sworn to before me this 21st day of Feb 1989 Notary Public Glenna S. Salley

Date Commission Expires



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)

Sec 2 Twp 33S Rge 39W

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

Sec 2 Twp 33S Rge 39 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'	527'
Redbed	527	1235
Glorietta Sand	1235	1388
Shale	1388	2270
Shale, Lime	2270	2837
TD		2837

RELEASED

FEB 2 8 1991

FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> New <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	522	Pozmix & Common	320	3% CC
Production	7-7/8"	5-1/2"	14.0	2832	Class C	245	10% DCD, 20% DCD
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot				Specify Footage of Each Interval Perforated			
2				2455-2471, 2480-2514, 2533-2566, 2603-2627, 2660-2684, 2710-2718, 2746-2752, 2757-2766			
				Brk dwn w/12,620 gal 2% KCL wtr. Frac w/135,000 gal x-link gelled 2% KCL wtr & 367,800# 12/20 sd.			
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production		Producing Method					
1/3/89		<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	1825 MCF @ 100#	Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) ..... 2455-2766 OA  
 Dually Completed  Commingled .....

API # 15 189 21,279  
Leathers "A" Well #1H  
SW NE NW 2 33 39W

<u>NAME</u>	<u>TOP</u>	<u>BOTTOM</u>
Blaine	1132	1220
Cedar Hills	1261	1412
Stone Corral	1660	1702
Chase	2428	2766
Panoma Council Grove	2776	NA
TD		2937

**RELEASED**

**FEB 2 8 1991**

**FROM CONFIDENTIAL**

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STATE CORPORATION COMMISSION

**FEB 1 8 1991**

CONSERVATION DIVISION  
Wichita, Kansas

GABBERT-JONES  
DRILLERS WELL LOG

LEATHERS "A" 1H  
SEC. 2-33S-39W  
STEVENS COUNTY, KANSAS

RECEIVED  
STATE CORPORATION COMMISSION

FEB 23 1989

Commenced: 10-26-88  
Completed: 10-28-88  
Operator: ANADARKO PETROLEUM CORPORATION

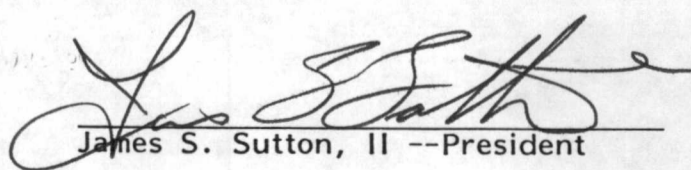
CONSERVATION DIVISION  
Wichita, Kansas

RELEASED

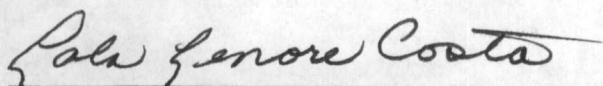
Depth		Formation	Remarks
From	To		
			FEB 28 1991
			FROM CONFIDENTIAL
0	527	Sand - Clay	Ran 12 jts of 24# 8 5/8"
527	1235	Redbed	LD @ 522' w/170 sks
1235	1388	Glorita	25/75 Posmix - 2% CC - 1/4# CF
1388	2270	Shale	150 sks Common - 3% CC
2270	2837	Shale - Lime	1/4# CF PD @ 2:15 PM
	2837 TD		10-26-88.
			Ran 69 jts of 14# 5 1/2"
			csg LD @ 2832' w/
			205 sks Class C - 20% DCD
			2% CC - 1/4# CF - 40 sks
			Class C - 10% DCD
			2% CC - 1/4# CF
			PD @ 7:15 PM 10-28-88.

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 --President

Subscribed & sworn to before me this  
3rd day of November 1988

  
Lola Lenore Costa

My Commission expires Nov. 21, 1988

CUSTOMER COPY



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
720645	10/26/1988

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
LEATHERS A-1H		STEVENS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	GABBERT & JONES #6	CEMENT SURFACE CASING		10/26/1988	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
001527	JOHN SHILLING			COMPANY TRUCK	67131

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

DIRECT CORRESPONDENCE TO  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202

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FEB 23 1989

CONSERVATION DIVISION  
Wichita, Kansas

RELEASED  
FEB 28 1991  
FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	12	MI	2.20	26.40
		1	UNT		
001-016	CEMENTING CASING PUMP CHARGE	522	FT	483.80	483.80
		1	UNT		
030-016	TYPE 5W ALUMINUM PLUG-TOP	8 5/8	IN	82.00	82.00
		1	EA		
504-043	PREMIUM CEMENT	128	SK	6.85	876.80
506-105	POZMIX A	42	SK	3.91	164.22
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	334	CFT	.95	317.30
500-306	MILEAGE	179.28	TMI	.70	125.50

INVOICE SUBTOTAL

DISCOUNT-(BID)  
INVOICE BID AMOUNT

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

AFE #	LOCATION
LIBERAL OPERATIONS RECEIVED	
NOV 04 1988	
APPROVED	IDC
DATE	TANGIBLE
CODED BY	OPERATIONS

2107-2041  
Kt 11-4

11-4-88

INVOICE TOTAL - PLEASE PAY THIS\* AMOUNT =====> \$2,854.55

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 EXCEEDING 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO