

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 # 8932
Name Apache Corporation
Address 1700 Lincoln Street, Suite 4900
City/State/Zip Denver, CO 80203-4549

Purchaser N/A

Operator Contact Person Tony Koenig
Phone (303) 831-6500

Contractor: License # 5665
Name Pioneer Drilling

Wellsite Geologist None
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 OWWO: old well info as follows:
Operator Angle Oil
Well Name Pauley #1
Comp. Date 2/5/83 Old Total Depth 3496'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2/26/86 2/28/86 3/6/86
Spud Date Date Reached TD Completion Date
3724' 3715'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1335 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

API NO. 15-163-21, 946 A-00-01
County Rooks
SW SE SE Sec. 12 Twp. 7 Rge. 18 East West

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

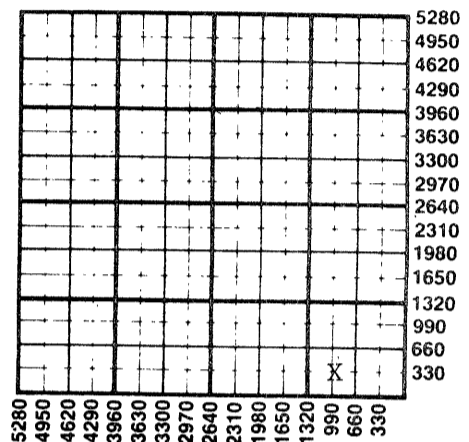
Lease Name Pauley Well # 1

Field Name Riffe

Producing Formation Arbuckle

Elevation: Ground 1882' KB 1887'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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)..... (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 Tony Koenig
Title Operations Engineer Date 3/10/86

Subscribed and sworn to before me this 10th day of March 1986.
Notary Public Mary D. Blankfeld

Date Commission Expires My Commission expires July 30, 1989

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

Sec 12 Twp 7 Rge 18

SIDE TWO

Operator Name Apache Corporation Lease Name Pauley Well # 1-SWD

Sec. 12 Twp. 7S Rge. 18 East West County Rooks

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
Topeka	2842'	
Heebner	3052'	
Toronto	3076'	
Lansing	3096'	
Marmaton	3358'	
Arbuckle	3450'	
TD	3724'	

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
Conductor		13-3/8"		122'	A	140	
Surface	12-1/4"	8-5/8"	24	1335'	A	600	
Long string	7-7/8"	5-1/2"	15.5	3517'	A	150	4% gel, 6% Cal seal

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
N/A	N/A	3000 gal 15% HCl w/ 2 - 1000# rock salt diverters	3517'- 3724'

TUBING RECORD	Size 2-7/8"	Set At	Packer at 3460'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production N/A	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....
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Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
				CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

performed by Angle Oil Company previously Dually Completed
 * performed by Apache Corporation Commingled