

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 St. Suite 4900  
Denver, Colorado  
City/State/Zip 80203

Purchaser NA

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

Contractor: License #  
Name

Wellsite Geologist Peter Moreland  
Phone (303) 573-5222

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 NA  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7/1/85 7/10/85 7/19/85  
Spud Date Date Reached TD Completion Date  
3704' 3704'  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1248 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. 15-163-22-715-00-00  
County Rooks  
C SE/4 Sec. 19 Twp. 7S Rge. 17  East  West

1320 Ft North from Southeast Corner of Section  
1485 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

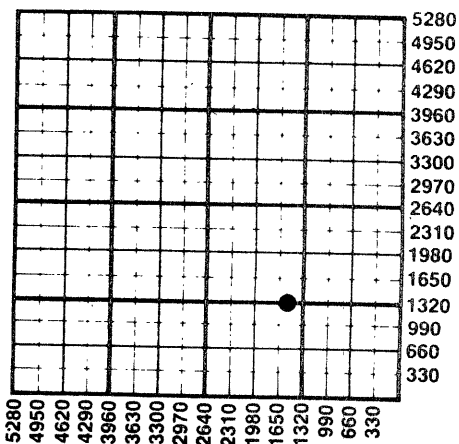
Lease Name Walker Well # 9-SWD

Field Name Riffe

Producing Formation NA

Elevation: Ground 1752 KB 1757

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # D-23,902

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 7/19/85

Subscribed and sworn to before me this 19th day of July 1985  
Notary Public Bonnie D. Coats

Date Commission Expires My Commission expires October 23, 1988

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)  
RECEIVED  
STATE CORPORATION COMMISSION

Form ACO-1 (7-84)  
JUL 22 1985  
7-22-85  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 19 Twp. 7 Rge. 17W

SIDE TWO

Operator Name Apache Corporation Lease Name Walker Well # 9-SWD

Sec. 19 Twp. 7S Rge. 17  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

Drill stem test in Upper Arbuckle from 3,220'-39'.  
 Test time was 15/30, 30/60.

IHP 1740  
 ISIP 1046  
 IOP 313 to 606  
 FOP 696 to 904  
 FSIP 1056  
 FHP 1690  
 Temp. 105°F

Name	Top	Bottom
Topeka	2683	
Heebner	2891	
Toronto	2910	
Lansing/K.C.	2933	
Arbuckle	3223	
Regen	3654	
Granite Wash	3674	
Granite	3690	
T.D.	3704	

Recovery was 2368' of slightly gas cut oil (23.8° API gravity) NGTS.

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
Conductor	20"	16"	47#/ft	57'	Class A	125	3% CACL, 2% gel
Surface	12 1/4"	9 5/8"	36#/ft	1248'	Class A	725	3% CACL, 2% gel
Production	8 3/4"	7"	20#/ft	3514'	Class A	150	6% Calseal, 4% gel 1/2# / sx celoflak
	8 3/4"	Open hole		3704'			
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	Open hole			1000 gal 15% gelled acid		3,514'	
				2000 gal 28% HCL with 1000# rock salt followed by 3000 gal 28% HCL		to 3,704'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 3 1/2"	Set At 3,420'	Packer at 3,420'				
Date of First Production		Producing Method					
NA		<input 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	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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