

CONFIDENTIAL

FORM MUST BE TYPED

SIDE ONE

TIGHT

COPY *gnd*

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 175-21514-0000

County Seward

C SE SE Sec. 19 Twp. 31S Rge. 32 X W

660 Feet from S/N (circle one) Line of Section

660 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Chandler Carroll Well # 1-19

Field Name Thirty-One

Producing Formation Marmaton

Elevation: Ground 2865.52' KB 2868' *2876*

Total Depth 5956' PBDT 5950'

Amount of Surface Pipe Set and Cemented at 1512 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 3211 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 4-3-96
(Data must be collected from the Reserve Pft)

Chloride content 26,000 ppm Fluid volume 4000 bbls

Dewatering method used Dried and Filled

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name License No.

Quarter SE APR 6 1998 S Rng. E/W

County Docket No.

FROM CONFIDENTIAL

Operator: License # 5952

Name: Amoco Production Company

Address PO Box 800 Room 924

City/State/Zip Denver, CO 80201

Purchaser: Texaco

Operator Contact Person: Susan R. Potts

Phone (303) 830-5323

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: Austin Garner

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SMD SLOW Temp. Abd.

 Gas ENHR SIGW

 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: MAR 1 2

Well Name: CONFIDENTIAL

Comp. Date Old Total Depth

 Deepening Re-perf. Conv. to Inj/SMD

 Plug Back PBDT

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SMD or Inj?) Docket No.

11/15/95 11/26/95 12/22/95

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Susan R. Potts

Title Senior Staff Assistant Date 3-12-96

Subscribed and sworn to before me this 12th day of March, 1996.

Notary Public Herry Reynolds

Date Commission Expires June 24, 1998

K.C.C. OFFICE USE ONLY	
F <input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C <input checked="" type="checkbox"/>	Wireline Log Received
C <input type="checkbox"/>	Geologist Report Received
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SMD/Rep
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>	<input checked="" type="checkbox"/> NGPA
<input type="checkbox"/>	<input type="checkbox"/> Other (Specify)
RECEIVED	
KANSAS CORPORATION COMMISSION	

Form ACO-1 (7-91)

MAR 13 1996

CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

CONFIDENTIAL

Oil & Gas Production Company _____ Lease Name Chandler Carroll Well # 1-19
 Set 19 East West County Seward

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 (Attach Additional Sheets.) Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run (Submit Copy.) Yes No
 List All E.Logs Run: Dual Induction Laterolog, Spectral Density Dual Space Neutron II Log with EVR, Microlog, Long Space Sonic

Log Formation (Top), Depth and Datum			Sample
Name	Top	Datum	
Ogallala Base	1269'	KB	
Stone Corral Base	1809'		
Chase Top	2544'		
Council Grove	2944'		
Pennsylvanian	3442'		
Base Heebner	4213'		
Lansing	4316'		
Harmaton	4924'		
Cherokee	5104'		
Morrow	5427'		
Chester	5592'		
St. Genevieve	5723'		
St. Louis	5747'		

CASING RECORD							
Production- <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used-Surface							
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	12.25"	8.625"	28	1512'	Premium Plus Lite	435	2XCC+1/4#Flocele
Production-1st Stage	7.875"	5.5"	14	4400-4992'	Premium Plus	150	2XCC+1/4#Flocele
Production-2nd Stage	7.875"	5.5"	14	11-3214'	Premium Plus Lite	490	1XCC, 7XEA-2, .6% Halad 322, 15X Salt, 1/4# D-Air 1/4# Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4908-4912'	Premium	200	100 sacks with .6% Halad 322

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4	4908-4912' (Did twice on these footages)	Acidize with 10 bbls 15% FE HCL and flush with 19 bbls 2X Potassium Chloride.

TUBING RECORD		Size	Set At	Packer At	Liner Run
2.375" 4.7# J-55 EUE T&C			4919'	4919'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj. First Oil 2/17/96		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 10 BOPD	Bbls.	Gas	6 BOPD	Water

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Comingled 4908-4912'
 (If vented, submit ACO-18.) Other (Specify) _____