

CONFIDENTIAL

SIDE ONE

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

Operator: License # 5952Name: Amoco Production CompanyAddress PO Box 800 Room 924City/State/Zip Denver, CO 80201Purchaser: Williams Natural Gas-Gas
Texaco-OilOperator Contact Person: Susan R. PottsPhone (303) 830-5323Contractor: Name: Cheyenne DrillingLicense: 5382Well Geologist: Charles SchmaltzDesignate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SLOW ☐ Temp. And
☐ Gas ☐ ENHR ☐ SIGW ☐ Core, WSW, Expt., Cathodic, etc.
☐ Dry ☐ Other

If Workover:

Operator: APR 6 1998Well Name: WICHITA KSComp. Date Old Total Depth

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBDT
☐ Commingled ☐ Docket No.
☐ Dual Completion ☐ Docket No.
☐ Other (SWD or Inj?) ☐ Docket No.

11/14/95 11/27/95 1/21/96
Spud Date Date Reached TD Completion Date

API NO. 15- 187-20800-0000County Stanton- C - W/2 - SW Sec. 25 Twp. 29S Rge. 40 X E1320 Feet from S/W (circle one) Line of Section670 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Benjamin Lee Well # 1-25Field Name Little ArrowProducing Formation St. LouisElevation: Ground 3237.62' KB 3249'Total Depth 5760' PBDT 5706'Amount of Surface Pipe Set and Cemented at 1611 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 2860 Feet

If Alternate II completion, cement circulated from

feet depth to W/ sx cmt.

Conservation Division Fluid Management Plan alt B 5-30-96
(Data must be collected from the Reserve Pit) RV

Chloride content 5,000 ppm Fluid volume 4,000 bblsDewatering method used Dried and Filled

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

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 Juan R. BAOTitle Senior Staff Assistant Date 2/20/96Subscribed and sworn to before me this 20th day of February, 19 96.Notary Public Dina R. HarrisDate Commission Expires 11-10-96

K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☒ NGPA
☐ KGS ☐ Plug ☒ Other (Specify) IS

Form ACO-1 (7-91)

SIDE TWO

Operator Name Amoco Production Company Lease Name Benjamin Lee Well # 1-25Sec. 25 Twp. 29S Rge. 40 ☐ East ☒ West
County Stanton

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken (Core taken was not sent for outside analysis) ☒ Yes ☐ No

Electric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run: Microlog, Spectral Density Dual Spaced Neutron II, Dual Induction Laterolog, Long Spaced Sonic

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Stone Corral Base	1685'	KB
Chase Top	2250'	
Council Grove	2520'	
Base Heebner	3710'	
Lansing	3770'	
Marmaton	4370'	
Cherokee	4545'	
Morrow	5083'	
Chester	5473'	
St. Genevieve	5508'	
St. Louis	5608'	

CASING RECORD

Surface- ☒ New ☒ Used-Production

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	1611'	Premium Plus Lite	465	2%CC+1/4#Flocele
Production 1st Stage	7.875"	4.5"	10.5	5740'	Premium Plus	150	2%CC+1/4#Flocele
					Premium	230	1%cc, 7%EA-2, .6% Halad-322, 15% Salt, 1/4#D-Air
Production 2nd Stage	7.875"	4.5"	10.5	2863'	Premium Plus Lite	460	1/4# Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5614-5620'	Acidize w/84 bbls. of 28% HCL	5614-5620'

TUBING RECORD	Size	Set At	Packer At	Liner Run
2.375" 4.7# J-55 EUE T&C		5605'	5605'	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. First Gas 1/23/96 First Oil 1/25/96		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil 271 BOPD	Bbls.	Gas 379 MCFD	Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: ☐ Vented ☒ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5614-5620'

☐ Other (Specify) _____

Production Interval _____