

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

API No. 15 - 187-20748-0000

County Stanton

SW - SE - SE Sec. 21 Twp. 29S Rge. 39 East West

330 Feet from S/N (circle one) Line of Section
990 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 Federal Land Bank Well # 5-21

Field Name Sand Arroyo

Producing Formation St. Louis B

Elevation: Ground 3175' KB 3187'

Total Depth 5840' PBTD 5797'

Amount of Surface Pipe Set and Cemented at 1850 Feet

Multistage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 8/4 5-8-96
(Data must be collected from the Reserve Pit)

Chloride content 5800 ppm Fluid Volume 2140 bbls

Dewatering 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.

Op. License # 5952

Name: Amoco Production Company

Address PO Box 800 Room 924

City/State/Zip Denver, CO 80201

Purchaser:

Operator Contact Person: Susan R. Potts

Phone 303-830-5323

Contractor Name: Duke Drilling Co. Inc.

License: 5929

Wellsite Geologist:

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SLOW Temp.Abd.

Gas ENHR SIGW

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

If Workover/Re-entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingle Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

7/29/94 8/13/94 11/18/94

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 to the best of my knowledge.

Signature Susan R. Potts

Title Sr. Staff Asst. Date 6-6-95

Subscribed and sworn to before me this 6th day of June

Notary Public Devin R. Harris

Date Commission Expires November 10, 1996

K.C.C. OFFICE USE ONLY

F Letter of confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
J KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Operator Name Amoco Production Company Lease Name Federal Land Bank /C/ Well # 5-21
 County Stanton
 Sec. 21 Twp. 29S Rge. 39 ☐ East ☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time to 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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Glorietta Base	1758'	KB
		Chase Top	2250'	
		Council Grove	2562'	
		Pennsylvanian	2995'	
		Base Heebner	3723'	
		Lansing	3781'	
		Marmaton	4391'	
		Morrow	5178'	(Continued)

List All E. Logs Run: Compensated Spectral Natural Gamma; Long Spaced Sonic; Microlog; Gamma Ray Depth Control; MSG/Gamma Ray; Dual Induction Laterlog

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
Surface	12 1/4"	8 5/8"	24	1850'	HLC	635	2%CC
					Prem Plus	150	2%CC
					Prem	430	1st Stage
Production	7 7/8"	5 1/2"	14	5843'	HLC	450	2nd Stage

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	5670-5688'	N/A	

TUBING RECORD N/A	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj	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 50 BOPD Bbls.	Gas Mcf	Water 20 BWPD Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

Production Interval 5670-5688

(If vented, submit ACO-18)

Federal Land Bank /C/ 5-21 Formations (Continued)

Name	Top
Morrow Maine	5434'
St. Genevieve	5627'
St. Louis 'B'	5719'