

FORM MUST BE TYPED

SIDE ONE

21-29-39W

ORIGINAL

Sub

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 P. O. BOX 800 ROOM 925City/State/Zip DENVER, CO 80201

Purchaser: \_\_\_\_\_

Operator Contact Person: ELLEN HARTZLERPhone (303) 830-5130Contractor: Name: CHEYENNE DRILLINGLicense: 5382

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. 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. \_\_\_\_\_03/23/94 04/16/94 05/23/94  
Spud Date Date Reached TD Completion DateAPI NO. 15- 187-20,724County STANTON- C - SE - SW Sec. 21 Twp. 29 Rge. 39 X E660 Feet from S/W (circle one) Line of Section1980 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name FEDERAL LAND BANK /C/ #4-21 Well 4-21Field Name SAND ARROYOProducing Formation MORROW, MARINEElevation: Ground 3203' KB 3215'Total Depth 5900' PBDT 5858.32'Amount of Surface Pipe Set and Cemented at 1740 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ 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 2-6-96 X  
(Data must be collected from the Reserve Pit)Chloride content 5800 ppm Fluid volume 2140 bblsDewatering method used DRIED AND FILLEDLocation of fluid disposal RESERVE PIT

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter SE Sec. 21 Twp. 29 Rng. 39 E/WCounty STANTON Docket No. \_\_\_\_\_

RECEIVED

KANSAS CORPORATION COMMISSION

JAN 06 1995

KANSAS CORPORATION COMMISSION

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 and correct to the best of my knowledge.

Signature N. Ellen HartzlerTitle SR. STAFF ASSISTANTSubscribed and sworn to before me this 29th day of September, 1994.Notary Public Dennis R. HarrisDate Commission Expires November 10, 1996

## 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) JS

Form ACO-1 (7-91)

Operator Name **AMOCO PRODUCTION COMPANY**

SIDE TWO

Lease Name **FEDERAL LAND BANK /C/ #4-21 Well # 4-21**Sec. 21 Twp. 29 Rge. 39☐ EastCounty STANTON☒ West

**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 ☒ NoElectric Log Run  
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

LSS

DIL

ML

CSNL

☒ Log

Formation (Top), Depth and Datum

☐ Sample

Name	Top	Datum
BASE HEEBNER	3779	-565
LANSING	3870	-656
MARMATON	4448	-1234
MORROW SH	5182	-1968
MORROW SAND	5454	-2240
ST. GENEVIEVE	5690	-2476
ST LOUIS	5756	-2542

SDL / DSU

MSC CMT BOND

## 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#	1740	PRE. PLUS LIT PRE PLUS	600 150	2% CC
Production	7 7/8"	5 1/2"	14#	5900	PRE. PLUS	50	
					PRE. HLC P+	560 350	

## ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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	5473-5480; 5500-5518; 5570-5596;	FRAC W/232,500# 16/30 OTTAWA SAND	5473-5480
			5500-5518

TUBING RECORD	Size	Set At	Packer At	Liner Run
N/A				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. ST

Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf 870	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5473-5518
☐ Other (Specify) \_\_\_\_\_