

P1 *And*

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 # 5447
Name Cities Service Oil & Gas Corp.
Address 3545 N.W. 58th Street
City/State/Zip Okla. City, Okla. 73112

Purchaser Citgo Petroleum

Operator Contact Person Raymond Hui
Phone (405) 949-4400

Contractor: License # 5929
Name Duke Drilling Company, Inc.

Wellsite Geologist
Phone

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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
4-25-85 5-1-85 7-9-85
Spud Date Date Reached TD Completion Date
3309' 3300'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 527 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
if alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-167-22587
County Russell

SE SW NE Sec. 32 Twp. 13S Rge. 14
 East West

2970 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

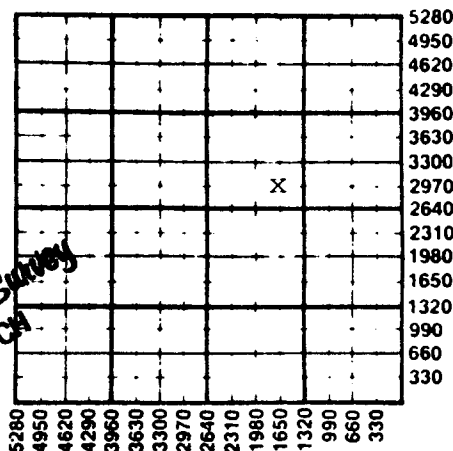
Lease Name Miller "F" Well #. 7

Field Name Russell

Producing Formation Arbuckle

Elevation: Ground 1863' KB 1870'

Section Plat



AUG 1 1985
State Geological Survey
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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.

Operator Name Cities Service Oil & Gas Corporation Lease Name Miller "F" Well # 7

Sec. 32 Twp. 13S Rge. 14 East West County Russell

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

Ran BHC Acoustilog, Gamma Ray/Neutron & Laterolog

Name	Top	Bottom
Topeka	2759'	
Heebner	2988'	
Toronto	3006'	
LKC	3041'	
Base LKC	3274'	
Arbuckle	3307'	
	T.D.	3309'
	P.B.T.D.	3300'

1 1985

Estimated Production Per 24 Hours	14	706
	Bbls	MCF
		Bbls CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas. Vented Open Hole Perforation
 Sold Other (Specify) 3302 - 09'

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	2-14/16"	8-5/8"	24#	527'	Class A	250	3% CaCl
Production	8-5/8"	5-1/2"	14#	3302'	60-50 Poz.	150	10% salt + 3/4% friction reducer

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	3302 - 09' OH	650 gals. 15% FF	3302-09

TUBING RECORD Size 2-7/8" Set At 3304' Packer at _____ Liner Run Yes No

Date of First Production 7-10-85 Producing Method Flowing Pumping Gas Lift Other (explain).....

Oil Gas Water Gas-Oil Ratio Gravity