

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.....

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

Contractor: License # 7860
Name Johnson Drilling Co.

Wellsite Geologist D. Welker
Phone (405) 949-4400

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

8-8-85 8-22-85 8-23-85
Spud Date Date Reached TD Completion Date

6575' Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1697 feet
Multiple Stage Cementing Collar Used? Yes No
if yes, show depth set..... feet
if alternate 2 completion, cement circulated
from..... feet depth to..... w/..... SX cmt

API NO. 15-129-20760-0000

County Morton

C. SW. SE. Sec. 15. Twp. 34. Rge. 40. East West

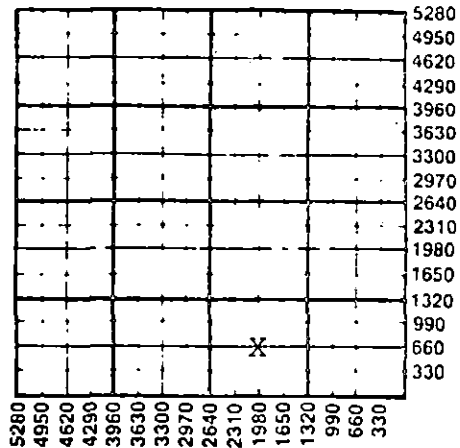
660 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Fermaid "A" Well # 1

Field Name Wildcat

Producing Formation.....

Elevation: Ground 3358' KB 336.9'
Section Plat KC-KC



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #.....

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #. D85-554.....

Groundwater 560 Ft North from Southeast Corner
2080 Ft West from Southeast Corner of
Sec 15 Twp 34 Rge 40 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.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements hereon are complete and correct to the best of my knowledge.

Signature Del G. Oliver
Title Engineering Manager Date 9-20-85

Subscribed and sworn to before me this 20th day of September 1985

Notary Public Joyce S. Porter

Date Commission Expires 6-12-88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
STATE CORPORATION COMMISSION

151wp 34rge 40w

SIDE TWO

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Fernaud "A"** Well # **1**

Sec. **15** Twp. **34** Rge. **40** East West County **Morton**

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

Name	Top	Bottom
Surf., clay, sand	0	200
Redbed, sand, shale	200	1252
Glorieta Sand	1252	1405
Shale	1405	1680
Anhydrite	1680	1698
Shale	1698	2792
Lime & Shale	2792	6575

Logs: BHC Sonic, DIL-SFL & GR, CN

CONFIDENTIAL

RELEASED

DEC 12 1986

FROM CONFIDENTIAL

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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
Conductor	30"	20"		29'	2 yards Redi-Mix		
Surface	12-1/4"	8-5/8"	24#	1697' KB	Pozmix Class H	650 150	2% CaCl ₂ 1/2# Floc. 3% CaCl ₂ 1/4# Floc.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD							
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Plugged and Abandoned August 23, 1985						
	Bbls	MCF	Bbls	CFPB			
	Dry Hole						

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled