CONFIDENTIAL JW
SIDE ONE

End KCC ~~4/15/86~~ 4/27/86 4-27-86

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 NW 58th Street
City/State/Zip Oklahoma City, OK 73112

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

Contractor: license # 7860
name Johnson Drilling Company

Wellsite Geologist Andy Howell
Phone 405-949-4400

Designate Type of Completion
XX 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

API NO. 15 - 175-20827

County Seward

C NE NE Sec 13 Twp 32S Rge 34 ☐ East ☒ West
(location)
660' FNL, 660' FEL
4620 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Santa Fe G Well# 1

Field Name extension of Silverman

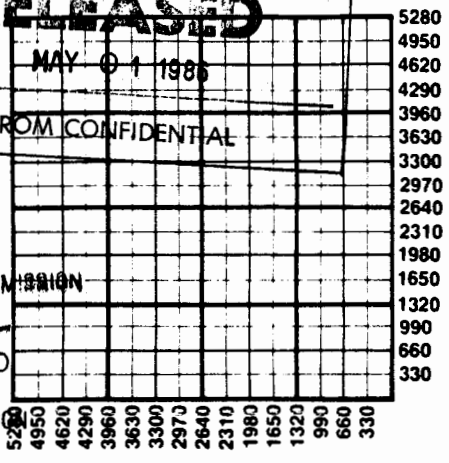
Producing Formation - - -

Elevation: Ground 2765' KB
DF: 2776'

KANSAS GEOLOGICAL SURVEY WICHITA BRANCH

RELEASED
MAY 01 1986
Date:
FROM CONFIDENTIAL

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
MAR 05 1985
CONSERVATION DIVISION
Wichita, Kansas

WELL HISTORY

Drilling Method: XX Mud Rotary ☐ Air Rotary ☐ Cable

1-15-85	1-25-85	1-27-85
Spud Date	Date Reached TD	Completion Date

5784'	
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 1602' KB 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

☒ **WATER SUPPLY INFORMATION**

Source of Water:

Division of Water Resources Permit # T84-59

XX Groundwater 4680 Ft North From Southeast Corner and
(Well) 600 Ft. West From Southeast Corner of
Sec 13 Twp 32S Rge 34 ☐ East XX West

☐ Surface Water Ft North From Sourtheast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge ☐ East ☐ West

☐ Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: ☐ Disposal ☐ Repressuring

Docket # None

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. Rules 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.

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 abandoned wells.

SIDE TWO

Operator Name Cities Service Oil & Gas Corp. Lease Name Santa Fe G Well# 1 SEC 13 TWP 32S RGE 34

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

Gearhart

Ran Open hole electric logs:
Comp. Density, Comp. Neutron,
Micro-elec., Dual Induc.

Logger's TD: 5790'KB

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Surf. Clay & Sand	0	280'
Redbed, Sand, Shale	280	1065'
Glorietta Sand	1065	[illegible]
Shale	1245	1608'
Anhydrite	1608	1613'
Shale	1613	00'
Lime & Shale	3300	5800'

Spotted Cement Plugs:

St. Louis	5500	5650'
Lansing	4570	4670'
Hugoton	2570	2770'
Surf. Csg.	1553	1653'
	500	600'
	4	40'

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#	1602'KB	65/35 Poz.	650	2% CaCl, ¼# D-2
					Class "H"	150	3% CaCl, ¼# D-2

PERFORATION RECORD

shots per foot	specify footage of each interval perforated
	None

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)	Depth