

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
Oklahoma City, Oklahoma
City/State/Zip 73112

Purchaser CITGO

Operator Contact Person Raymond Hui
Phone (405) 949-4432

Contractor: License #
Name H-30 Drilling Company

Wellsite Geologist
Phone

Designate Type of Completion
 New Well Re-Entry Workover

Oil Gas Dry
 SWD Inj Temp Abd
 Other (Core, Water Supply etc.)
Delayed Comp.

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/24/87 7/3/87 9/17/87
Spud Date Date Reached TD Completion Date
5800' 5731'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1647 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
Cement Company Name
Invoice #

API NO. 15-175-20942-0000
County Seward
NW/4 NW/4 SW/4 Sec. 12 Twp. 32S Rge. 34 East
X West

2600 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

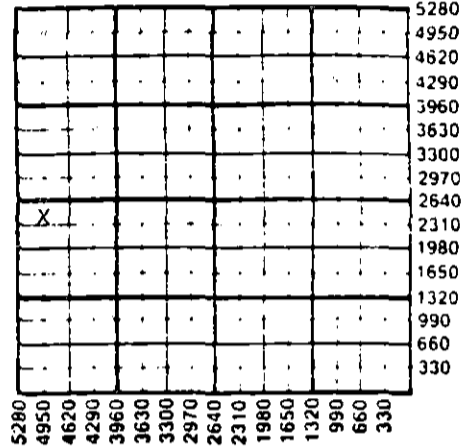
Lease Name Hoffman S Well # 1

Field Name Silverman

Producing Formation St. Genevieve

Elevation: Ground 2837' KB 2849'

Section Plat



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 2480' Ft North from Southeast Corner
(Well) 5000' Ft West from Southeast Corner of
Sec 12 Twp 32S Rge 34 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 triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on slide 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 herein are complete and correct to the best of my knowledge.

Signature Del G. Oliver

Title Special Projects Manager Date 9/30/87

Subscribed and sworn to before me this 30 day of September 1987

Notary Public Teresa J. Dowell

Date Commission Expires 4-24-89

K.C.C. OFFICE USE ONLY

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

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION

10-9-87
CONSERVATION DIVISION
Wichita, Kansas

Operator Name **Cities Service Oil & Gas Corp** Lease Name **Hoffman S** Well # **1**

Sec. **12** Twp. **32S** Rge. **34** East West County **Seward**

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 Dual Induction - SFL w/GR, CNL w/GR and Caliper & Micro w/GR from Loggers TD of 5798' to 1648'.

Set 5 1/2" Arrow CIBP at 5560; dumped 2 sx cmt on top of the CIBP.

Name	Top	Bottom
Cin. Anhystarte	0	1648
Lim & Sh.	1648	5800
TD		5800
PBTD		5731

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
Conductor Pipe	32"	20"		50'	Redi-Mix	5 yds.	
Surface	12 1/4"	8 5/8"	24#	1647'	65/35 Poz	600	6% gel, 2% Ca
Production	7 7/8"	5 1/2"	14 & 15.5#	5799'	65/35H 50/50H	125 250	2% CaCl ₂ 1/4# 6% gel; 2% gel

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record #
 (Amount and Kind of Material Used) Depth

4	St. Gen. 5622-37' (15:60 holes)	2250 gals 15% SC-1 Acid	5622-37
		2000 gals 28% HCl	5622-37
		Frac w/800 SCF/bbl CO ₂	5622-37

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production **Well is TA on 9/17/87** Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	0 Bbls	0 MCF	Bbls	CFPB	

METHOD OF COMPLETION Production Interval

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

5622-37