

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 # 5654  
name Rine Drilling

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.)

OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
12-8-58 12-31-58 3-18-59\*  
Spud Date Date Reached TD Completion Date  
5644' 5431' \*Workover completion date: 6-16-84  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1819 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 2888' feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-081-97563-0001 <sup>10024</sup>

County Haskell

...C...SE...SE... Sec 5... Twp 29S... Rge 34... XX West  
(location)

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

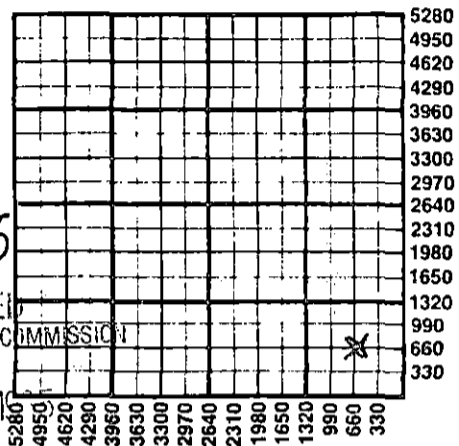
Lease Name Hall K Well# 2

Field Name Eubank

Producing Formation Chester

Elevation: Ground 3001' DF: 3010'

Section Plat



CONSERVATION DIVISION  
Wichita, Kansas WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater... Ft North From Southeast Corner and  
(Well) ... Ft. West From Southeast Corner of  
Sec Twp Rge  East  West  
 Surface Water... Ft North From Southeast 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 #

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.

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 D. G. Oliver  
Title Engineering Manager Date 4-10-85

Subscribed and sworn to before me this 10th day of April 19 85  
Notary Public George S. Hester  
Date Commission Expires June 12, 1988

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)

Sec. 5, Twp. 29, Rge. 34W

Operator Name Cities Service Oil & Gas Corp Lease Name Hall K Well# 2 SEC 5 TWP 29 RGE 34  East  West

**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

See original reports for DST data.

See original report.

Note: Well was originally completed 3-18-59 as a gas well making condensate. This designation changed to oil well making casinghead gas effective 12-19-60. Original perfs. were 5426-28'.

Tops:

Heebner	3988'
Toronto	4008'
Lansing	4076'
Marmaton	4652'
Morrow	5158'
Chester	5381'
St. Gen.	5478'
St. Louis	5535'

CASING RECORD <input 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
Surface	12-1/4"	8-5/8"	24#	1819'	Pozmix	600 cu.ft.	6% gel, 1/2# flocc
Production	7-7/8"	5-1/2"	14#	5643'	Common	200 sx	flocc
		DV Tool	@ 2988'			400	
						300	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	5426-28' Chester (original comp.)		
2	5408-25' Chester (workover 1984)		

<b>TUBING RECORD</b> size 2" set at 5397' packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Production Comp. 3-18-59	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) First Prod. after workover: 6-10-84
Estimated Production Per 24 Hours	Oil 58 Bbls Gas MCF Water Trace Bbls Gas-Oil Ratio CFPB Gravity

**METHOD OF COMPLETION**  open hole  perforation  other (specify)  Dually Completed.  Commingled

**PRODUCTION INTERVAL** 5408-5428' (2 zones)