

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 # 5146
name Rains & Williamson

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
9-25-84 10-7-84 11-6-84
Spud Date Date Reached TD Completion Date
4710'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 367' 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 - 153-20575-0000
County Rawlins
C NW NE/4 Sec 29 Twp 3S Rge 36 East West
(location)

4620 Ft North from Southeast Corner of Section
1830 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

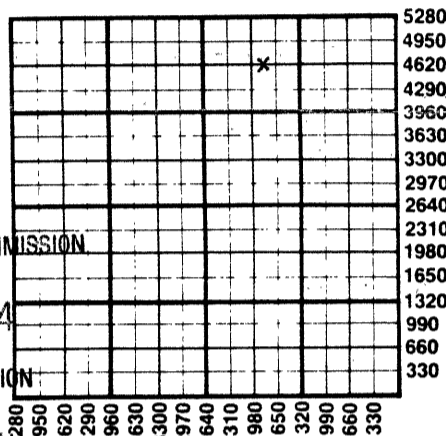
Lease Name Hubbard C Well# 1

Field Name Celia South

Producing Formation Cherokee

Elevation: Ground 3262' KB 3270'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
NOV 20 1984
CONSERVATION DIVISION
Wichita, Kansas

11-20-84 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 *Delbert A. Oliver*
Title Engineering Manager Date 11-15-84

Subscribed and sworn to before me this 16th day of Nov. 1984

Notary Public *Joyce A. Porter*
Date Commission Expires 6-12-88

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. 29 Twp. 3 Rge. 36

Operator Name Cities Service Oil & Gas Corp Lease Name Hubbard C Well# 1 SEC 29 TWP 3S RGE 36 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

DST #1 4596-4645 (49' Anchor)
 Cherokee Sand 30-60-30-60

Ran Dual Induction Lateral Log with
 Gamma Ray & SP, Compensated
 Density-Neutron with Caliper &
 Gamma Ray

Top of cement at 3800'

Name	Top	Bottom
Heebner	4111'	
Lansing	4162'	
Marmaton	4463'	
Pawnee	4520'	
Fort Scott	4568'	
Cherokee Lime	4604'	
	TD	4710'

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
Surface Production	12 1/4"	8 5/8"	24#	367'	Class. A	225	3% CC
	7 7/8"	5 1/2"	14#	4706'	50/50 Poz.	200	10% salt 0.75% CFR-2
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 sh/ft	4634-39'			Acidized w/500 gallons 10% MCA. + 10# Ferchek			4634-39'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
11-6-84		<input type="checkbox"/> flowing <input checked="" 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		
	66 Bbls	0 MCF	0 Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

Dually Completed.
 Commingled