

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 # 5442
name Abercrombie Drilling, Inc.

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

3-9-85 3-16-85 4-3-85
Spud Date Date Reached TD Completion Date

4770' 4759'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 381 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. 15-153-20595-00-00

County Rowles

C.E./2.SW/4.NE/4. Sec. 29. Twp. 3S. Rge. 36. F (location) W

3300. Ft North from Southeast Corner of Sect
1650. Ft West from Southeast Corner of Sect
(Note: locate well in section plat below)

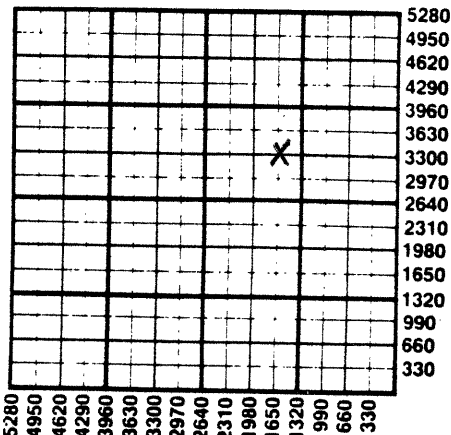
Lease Name Hubbard "C" Well# 2

Field Name Celia South

Producing Formation Cherokee

Elevation: Ground 3337' KB 4452
3342

Section Plat



Rec'd 4-24-85

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #
 Groundwater... 2970... Ft North From Southeast Corner an (Well) ... 4950... Ft. West From Southeast Corner of Sec 29 Twp 3S Rge 36 East West

Surface Water... Ft North From Southeast Corner an (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 Del. Oliver *Delbert G. Oliver*

Title Engineering Manager Date 4-19-85

Subscribed and sworn to before me this 22nd day of April 19 85

Notary Public *Joyce S. 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)

Form ACO-1 (This form supercedes previous forms ACO-1 & C-10)

Sec. 29 Twp. 3S. Rge. 36 W

Operator Name Cities Service Oil & Gas Corp Lease Name Hubbard "C" Well# 2 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 4233'-4296' (63' Anchor)
 Leasing - Kansas City "A" & "B"
 30-60-30-60

TOC is at 3950'

Name	Top	Bottom
Anhydrite	3115'	3157'
Heebner	4170'	
Lansing	4227'	
Marmaton	4517'	
Pawnee	4466'	
Fort Scott	4609'	
Cherokee	4662'	
Cherokee Pay	4689'	

TD: 4770'
 PBTD: 4750'

RECEIVED
 STATE CORPORATION COMMISSION

APR 24 1985 4-24-85

CONSERVATION DIVISION
 Wichita, Kansas

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	12-1/4"	8-5/8"	24#	381'	Class A	275	3% CC + 1/4 #/sx floseal
	7-7/8"	5-1/2"	14#	4769'	50-50 Pozmix	190	10% salt & 3/4% Halad 322
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	Cherokee 4688-94'			1000 gals. 15% MCA + 20# Ferchek			4688-94'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method		size		set at	
4-3-85		<input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		2"		4759'	
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
25		Bbls	MCF	1			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify)

PRODUCTION INTERVAL: Cherokee 4688-94'

Dually Completed. Commingled