

CONFIDENTIAL

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 Co., Inc.

Wellsite Geologist Robert Vick
Phone (405) 949-4400

Purchaser: Citgo Petroleum Corp.

Designate Type of Completion

X: New Well Re-Entry Workover

- XX Oil SWD Temp Abd
- Gas Inj Delayed STATE CORPORATION COMMISSION
- 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: XX Mud Rotary Air Rotary Cable

10-21-84 11-4-84 11-27-84
Spud Date Date Reached TD Completion Date
6657' 6605'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1759' 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

API NO. 15 189-20760-00-00

County Stevens

SE NE SE Sec 24 Twp 34 Rge 35 East
(location) 1924' FSL & 554' FEL
1924' Ft North from Southeast Corner of Section
554' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

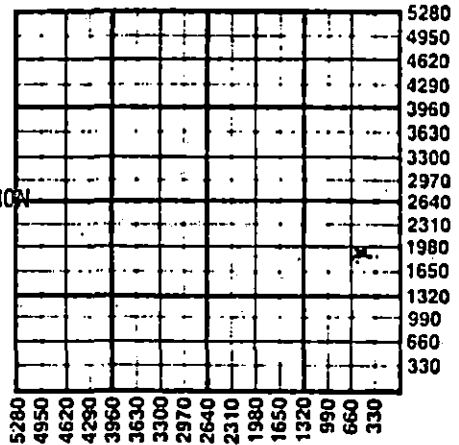
Lease Name Hudkins B Well# 2

Field Name R.G

Producing Formation Lower Chester

Elevation: Ground 2959' KB

Section Plat



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JAN 03 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T84-339

X: Groundwater 604 Ft North From Southeast Corner and
(Well) 454 Ft West From Southeast Corner of
Sec 24 Twp 34 S Rge 35 East XX 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: X Disposal
Repressuring

Docket # 57710

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 12-31-84

Subscribed and sworn to before me this 31st day of December 19 84

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

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
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. 24 sup. 34 Rev. 3510

SIDE TWO

Operator Name Cities Service Oil & Gas Corp Lease Name Hudkins B Well# 2 SEC 24 TWP 34 RGE 35 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

Electric Logs:

DIL-SFL w/GR, CNL-FDC w/GR
 & Caliper, Minilog w/GR.

Name	Top	Bottom
Surface, Clay, Sand	0	430'
Redbed, Sand	430	1085'
Glorietta Sand	1085	1348'
Shale	1348	1745'
Anhydrite	1745	1760'
Shale	1760'	3096'
Lime, Shale	3096	6657'
	T.D.	6657'
	P.B.T.D.	6605'
Loggers T.D.		6672' KB

RELEASED
MAY 23 1986
FROM CONFIDENTIAL

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#	1759' KB	65/35 Poz. Class "H"	650	2% CaCl ₂ 1/2# flocc.
Production	7-7/8"	5-1/2"	15.5, 14	6624'	50/50 Poz.	200	3% CaCl ₂ 1/2# flocc. 18% salt .8% CFR 11. 1/4# flocc
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	6452-56', 6460-72'			2000 gals. diesel oil			6452-80'
4	6478-80' Lower Chester Sand			Frac. trtd. w/44,000 gals. gelled diesel. & 42,000# 20/40 sand. & 32,000# 12/20 sand.			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing method		SN @		packer at	
11-24-84		<input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		6450'		set at 6465' KB	
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
245 Bbls		982 MCF	33 Bbls	4019' CFPB	38.9°		

Disposition of gas: vented
 sold
 used on lease

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

PRODUCTION INTERVAL
 6452-6480'
 (3 Sets)
 ...Chester...