

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 Company

Wellsite Geologist Calvin Clay
Phone (405) 949-4406

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

8-9-84 8-22-84 10-8-84
Spud Date Date Reached TD Completion Date

6750' 6220'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1754' 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. 15 189-20751 20:00

County Stevens

C SW SW Sec 14 Twp 34S Rge 35
(location) (660' FSL, 660' FWL)
660 Ft North from Southeast Corner of Secti
4620 Ft West from Southeast Corner of Secti
(Note: locate well in section plat below)

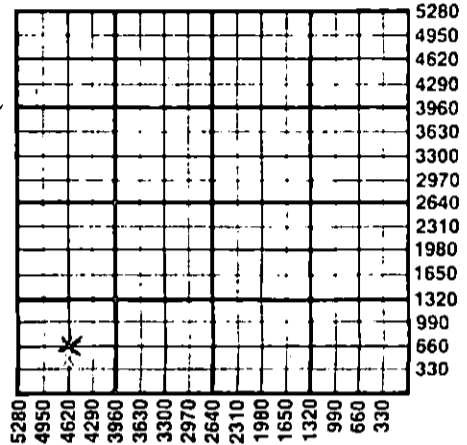
Lease Name Clodfelter "A" Well# 2

Field Name Not yet named Hugoton Gas Area

Producing Formation Morrow

Elevation: Ground 2982' KB
DF: 2993'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # T-84-156

Groundwater 405 Ft North From Southeast Corner a
(Well) 2895 Ft West From Southeast Corner
Sec 15 Twp 34 Rge 35 East West

Surface Water Ft North From Southeast Corner
(Stream, Pond etc.) Ft West From Southeast Cor
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 82-3-10 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 statement herein are complete and correct to the best of my knowledge.

Signature Robert G. Oliver
Title Engineering Manager Date 10-30-84

Subscribed and sworn to before me this 30th day of October 19 84

Notary Public Joyce S. Harter
Date Commission Expires 4-12-88

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)

Sec 15 Twp 34 Rge 35

Operator Name Cities Service Oil & Gas Corp Lease Name Clodfelter A Well# 2 SEC 14 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

Name	Formation Description	
	Top	Bottom
Surface, clay, sand	0	365
Redbed, sand, shale	365'	1745'
Anhydrite	1745'	1760'
Shale	1760'	2640'
Lime & Shale	2640'	6750'
Total Depth		6750'
P.B.T.D.		6220'

Electric Logs:

(Dresser Atlas)
 DIL-SFL w/GR,
 CNL-FDC w/GR & Caliper,
 Minilog

RELEASED

FEB 07 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	1754' KB	Lt. Pozmix Class H	650 150	2% CaCl, 1/2# D-29 3% CaCl, 1/2# D-29
Production	7 7/8"	5 1/2"	15.5, 14	6749' KB	50/50 Poz	225	18% salt 1/2# D-29 .8% D-65
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	6231-38' & 6242-51' Up Chest.			Squeezed off w/cement			6231-51'
2	6144-66' Morrow			2000 gals diesel oil			6144-66'
				39,900 gals, gelled diesel w/45,000#			6144-66'
				20/40 sand & 30,000# 10/20 sand			6144-66'
TUBING RECORD size 2-3/8" set at 6143' KBpacker at				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing method <input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
SI-Wtg. to 4-Point	Test & hook up to PL						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	-0- Bbls	1020 MCF	Trace Bbls		CFPB		

Disposition of gas: vented sold (to be sold) used on lease
 METHOD OF COMPLETION: open hole perforation other (specify) _____
 PRODUCTION INTERVAL: 6144-6166'
Morrow