

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 N.W. 58th Street
City/State/Zip Okla. City, Okla. 73112

Purchaser.....Not yet committed.....

Operator Contact Person Raymond Hui
Phone (405) 949-4400

Contractor: License # 7860
Name Johnson Drilling Co., Inc.

Wellsite Geologist Jay Lackey
Phone (405) 949-4400

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.....

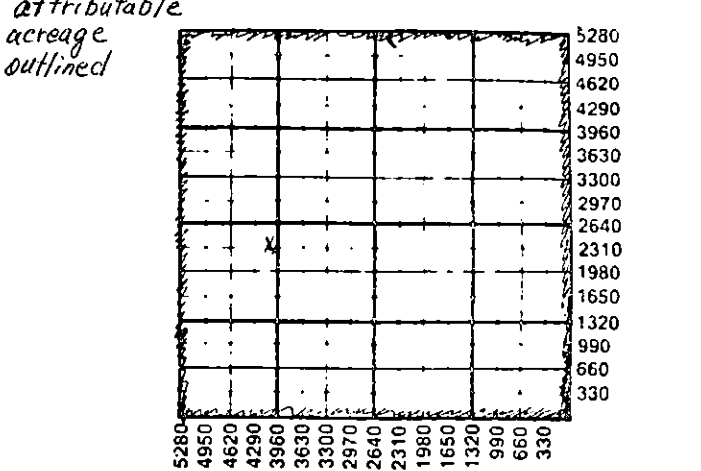
WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7-25-85 8-2-85 8-20-85
Spud Date Date Reached TD Completion Date
4900' 4837'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1368 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. 15-129-20764 -00-06
County Morton
NE... NW... SW... Sec. 29 Twp. 33 Rge. 42 East West
(2310' FSL, 1250' FWL)
2310 Ft North from Southeast Corner of Section
4030 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Miller O Well # 2
Field Name S. Winter

Producing Formation Lower Morrow
Elevation: Ground 3550' KB 3563
Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # T85-634
 Groundwater 2210 Ft North from Southeast Corner
(Well) 4130 Ft West from Southeast Corner of
Sec 29 Twp 33 Rge 42 East West
 Surface WaterFt North from Southeast Corner
(Stream, pond etc)Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

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. Rule 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 G. Oliver
Title Engineering Manager
Subscribed and sworn to before me this 20 day of September 1985
Notary Public Dorena Jo Howell
Date Commission Expires 4-24-89

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCR SWD/Rep NGPA
 KGS Plug Other
(Specify)

SEP 23 1985
9-23-85
Form ACO-1 (7-84)
KANSAS CORPORATION COMMISSION
Wichita, Kansas

29 up 33 get 2

Operator Name Cities Service Oil & Gas Corporation Lease Name Miller G Well # 2

Sec. 29 Twp. 33S Rge. 42 East West County Morton

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

Logs: DIL, CN, Microlog

Formation Description
 Log Sample

Name	Top	Bottom
Surf., clay, sand	0	200
Redbed, sand, shale	200	968
Glorieta Sand	968	1135
Shale	1135	1364
Anhydrite	1364	1379
Shale	1379	2420
Lime & Shale	2420	4900
Winter Marmaton	3584	
Marmaton	3844	
Cherokee	4059	
Morrow	4356	
Morrow S ₂	4567	
Keyes	4822	
Chester	4871	

RELEASED

CONFIDENTIAL

DEC 12 1966

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#	1368'	Pozmix	650	2% CaCl ₂ 1/2# Floc.
Production	7-7/8"	5-1/2"	14#	4899'	Class H Pozmix	150	3% CaCl ₂ 1/4# Floc.
						175	18% Salt 1/4# Floc. .8% 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	4783-4794'	Morrow "S"					
TUBING RECORD							
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
2-3/8"	4737'	4764'					
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 Waiting on PL Conn.							
4-Point Test:	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
Estimated Production Per 24 hours	0 Bbls	CAOF 980 MCF	0 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas. Vented Open Hole Perforation
 Sold, will be Other (Specify) 4783-4794'.....
 Used on Lease Dually Completed
 Commingled

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL

CH-8

State Corporation Commission, Conservation Division
245 North Water Wichita, Kansas 67202

OPERATOR Cities Service Oil & Gas Corp.

LOCATION OF WELL

LEASE Miller "O"

2310 feet from the South line
1250 feet from the West line
Of the SW/4 of Sec. 29 T. 33 R. 42W

WELL NUMBER #2

FIELD Winter

COUNTY Morton

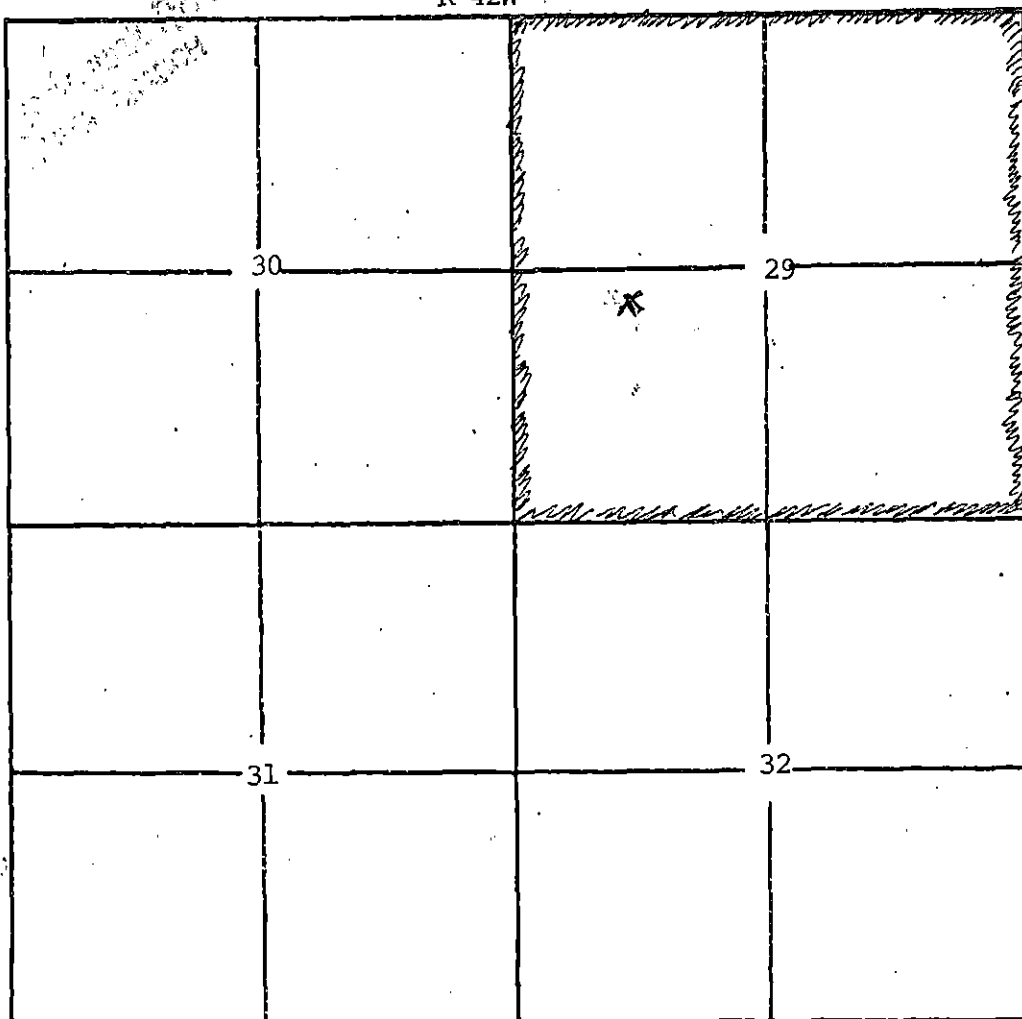
ORDER GRANTING ALLOWABLE ENTERED IN DOCKET NO. _____

NUMBER OF ACRES
ATTRIBUTABLE TO WELL 640

DESCRIPTION OF ACREAGE: All of Section 29-T33S-R42W

PLAT

(Show location of Well and outline attributable acreage)
R 42W



The undersigned hereby certifies that he is Engineering Manager for Cities Service Oil & Gas Corp., a duly authorized agent, that all information shown hereon is true and correct to the best of his knowledge and belief, and that all acreage claimed as attributable to the well named herein is held by production from that well.

Del G. Oliver Delbert A. Oliver

Subscribed and sworn to before me on this 20 day of September, 19 85.

Dorisa D. Howell
Notary Public

My Commission Expires 4-24-89

RECEIVED
STATE CORPORATION COMMISSION

SEP 23 1985
CONSERVATION DIVISION
Wichita, Kansas