

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 Oklahoma City, OK 73112

Operator Contact Person Raymond Hui  
Phone \*405) 949-4400

Contractor: license # 5662  
name Wakefield Oil Co., Inc.

Wellsite Geologist Andy Howell  
Phone (405) 949-4400

PURCHASER Cities Petroleum Corp.

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
10-10-84 10-20-84 12-20-84  
Spud Date Date Reached TD Completion Date

4945' 4899'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1388' KB feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 3652 feet

Alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt

API NO. 15 - 129-20724-00-00  
County Morton  
NE NW NW Sec 26 Twp 34S Rge 42 X  
(location) 554' FNL, 766' FWL  
.4726 Ft North from Southeast Corner of Sec  
.4514 Ft West from Southeast Corner of Sec  
(Note: locate well in section plat below)

Lease Name Riley D. Well# 3  
Field Name Riley Upper Morrow Oil Pool  
Producing Formation Morrow  
Elevation: Ground 3502' KB  
DF: 3507'

Section Plat

Section Plat grid with depth markers on the right: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330.

Rec'd. 1-24-85

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # T84-43  
 Groundwater 3325 Ft North From Southeast Corner (Well) 2230 Ft. West From Southeast Corner Sec 26 Twp 34S Rge 42 East X West  
 Surface Water Ft 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. #)

Disposition of Produced Water:  Disposal  Repressuring  
Docket # C-14728

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.

A 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 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 1-22-85

Subscribed and sworn to before me this 22nd day of January 1985

Notary Public Jayne S. Wister  
Notary Commission Expires 6/21/88

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)

Operator Name Cities Service Oil & Gas Corp. Lease Name Riley D. Well# 3 SEC 26 TWP 34 RGE 42  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

(Gearhart) Electric Logs:  
 DIL-SFL W/GR, CNL-FDC W/GR & Caliper, Microlog W/GR

(Welex) Ran CBL/GR/CCL

Name	Top	Bottom
Sand & Gravel	0	130
Sand & Clay	130	430
Sand, Clay & Gyp	430	475
Red Bed & Gyp	475	795
Gyp & Red Bed	795	940
Glorietta Sand	940	980
Sand	980	1133
Red Bed & Gyp	1133	1375
Red Bed	1375	1383
Anhydrite	1383	1398
Red Bed	1398	1820
Red Bed & Gyp	1820	2130
Shale	2130	2490
Shale & Lime	2490	2700
Lime & Shale	2700	4945
R.T.D.		4945'

RELEASED  
 JUN 05 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#...	1388'KB...	65/35 Poz Class "H"	...500....	2% CaCl <sub>2</sub> 1/2#D-29
..Production...	..7-7/8"....	...5-1/2"...	...14#...	4944'KB...	50/50Posmix	...200....	3% CaCl <sub>2</sub> 1/2#D-29
..2% Total gel, ..8%D-65....	...DV Tool	@ .3652'			50/50Posmix	...150....	18% salt, 1/2#D-29
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.....	.4474-78' Morrow Sand.....						
TUBING RECORD							
size	2-3/8"	set at	4475'KB	SN @ 4444'KB	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) .....						
11/9/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	93 Bbbls	62 MCF	3 Bbbls	669 CFPB	40.3°		

Disposition of gas:  vented  sold  used on lease  
 METHOD OF COMPLETION:  open hole  perforation  other (specify) .....

RECEIVED  
 STATE CORPORATION COMMISSION - 4478'  
 JAN 24 1985 Morrow  
 CONSERVATION DIVISION  
 Wichita, Kansas