

Amendment: Additional Perforation in Morrow Formation
SIDE ONE

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 CITGO

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

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

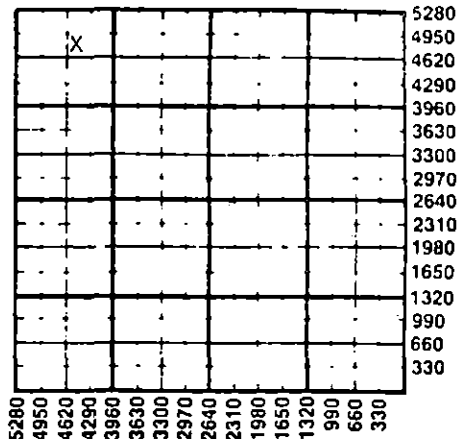
If ONWO: old well info as follows:
Operator Cities Service Oil & Gas Corp.
Well Name Riley D #3
Comp. Date 12-20-84 Old Total Depth 4945'

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10-10-84 10-20-84 10-6-87
Spud Date Date Reached TD Rec Completion Date
4945' 4899'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 1388'
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. 15-129-20724-00-01
County Morton
NE/4 NW/4 NW/4 Sec. 26 Twp. 34S Rge. 42 East West
4726 Ft North from Southeast Corner of Section
4514 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Riley D Well # 3
Field Name TALOGA - Riley Upper Morrow Oil Pool
Producing Formation Morrow
Elevation: Ground 3502' KB 3507'

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 # T84-43
 Groundwater 3325' Ft North from Southeast Corner
(Well) 2230' Ft West from Southeast Corner of
Sec 26 Twp 34S Rge 42 East 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. #)

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 Del G. Oliver
Title Assistant Manager of Production Date 1-21-88

Subscribed and sworn to before me this 21st day of January 1988
Notary Public Jersa Jo Howeth
Date Commission Expires 4-24-89

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

JAN 28 1988
CONSERVATION DIVISION
Wichita, Kansas
Form ACO-1 (7-84)

1-28-88

Operator Name **Cities Service Oil & Gas Corporation** Lease Name **Riley D** Well # **3**

Sec. **26** Twp. **34** 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

Formation Description
 Log Sample

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

(Welex) Ran CBL/GR/CCL.

Ran Spectral GR/Log from 4864-4170' KB.

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'
	TD	4945'
	PBTD	4833'

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	500	2% CaCl #D-29
Production	7-7/8"	5-1/2"	14#	4944' KB	50/50 Poz	150	3% CaCl #D-29
						150	18% salt, #D-29
DV Tool @ 3652'							
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	Morrow 4462-74' (12'; 48 holes)			Brokedown w/2000 gals Diesel			4462-74'
4	Morrow 4474-78' (4'; 16 holes)			Frac w/725 bbls Diesel.			4474-4478'
				Proppant containing IR 192 & fluid contained SC46.			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production after WO	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
10-5-87							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	187 Bbls	593 MCF	0 Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas. Vented Sold Used on Lease
 Open Hole Perforation Other (Specify)
 Dually Completed Commingled

4462-4478'
 Morrow