

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
RELEASED
OIL & GAS DIVISION
Date: **AUG 1 1987**
WELL COMPLETION OR RECOMPLETION FORM
ACQ-T WELL HISTORY
FROM CONFIDENTIAL
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 Petroleum**
Tulsa, Oklahoma

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

Contractor: License # **7860**
Name **Johnson Drilling Company**

Wellsite Geologist **David Smith**
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 **Cities Service Oil & Gas Corp.**
Well Name **Turrentine A #2**
Comp. Date **6-12-85** Old Total Depth **4863'**

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

....**4-16-85**....**4-24-85**....**6-25-86**....
Spud Date Date Reached TD Completion Date
.....**4863'**.....**4710'**.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at **1944** feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set **3134'** KB.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt

API NO. 15-.....**055-20598**.....

County **Finney**

NE NW SE Sec **19** Twp **22S** Rge **34** ☐ East ☒ West

2087..... Ft North from Southeast Corner of Section
1935..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name **Turrentine A** Well # **2**

Field Name **Amazon Ditch**

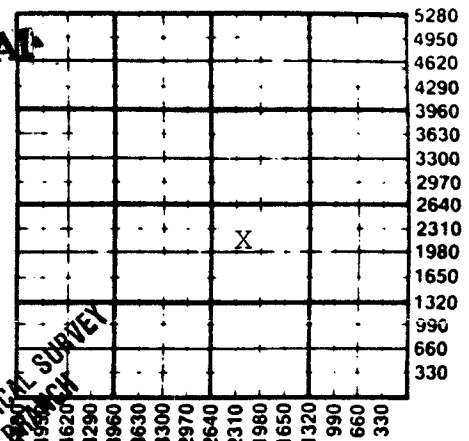
Producing Formation **Marmaton & Wyndotte (commingle)**

Elevation: Ground **2981'** **X** DE **2992'**
Section Plat

CONFIDENTIAL

JUL 14 1986

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #.....

☐ Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge ☐ 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.

24509
SIDE TWOOperator Name Cities Service Oil & Gas Corporation Lease Name Turrentine A Well # 2Sec. 19 Twp. 22S Rge. 34 ☐ East ☒ West County Finney

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 hours	Wyndotte: 20 Marmaton: 45		Wyndotte: 60 Marmaton: 0		
	Bbls	MCF	Bbls	CFPB	

Drill Stem Tests Taken ☐ Yes ☒ No
Samples Sent to Geological Survey ☐ Yes ☒ No
Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Schlumberger ran following electric logs:
DIL-SFL w/GR & SP,
CNL-FDC w/GR & Caliper,
Microlog w/GR

RIH w/CIBP & set at 4725' KB. Dumped 2 sx
cmt on top of CIBP.

Name	Top	Bottom
Surface, Clay & Sand	0	280
Redbed, Sand & Shale	280	1331
Glorieta Sand	1331	1442
Shale	1442	1930
Anhydrite	1930	1945
Shale	1945	3525
Lime & Shale	3525	4863
Total Depth:		4863'
P.B.T.D.		4710'

METHOD OF COMPLETION

Disposition of gas. ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify)
☐ Used on Lease

☒ Dually Completed
☒ Commingled
Docket # CO 3862

Production Interval
Commingled
Wyndotte 3899-3908
.....
Marmaton 4290-4306
.....

CASING RECORD ☒ New ☐ 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#	1944	65/35 Poz	150	2% CaCl ₂ , 1/8# D-130
Production.....	7-7/8"	5-1/2"	14#	4862	Class H Pozmix	250	3% CaCl ₂ , 1/16# D-130
			DV Tool at 3134'		"	150	18% salt
							6% total gel, 2%
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record CaCl			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
.....	St. Louis 4760-4770' (squeezed)						
4.....	Marmaton 4294-4306' (12'; 48 holes)			2000 gals 15% MSR-100			4294-4306'
4.....	Wyndotte 3894-3908' (9'; 36 holes)			500 gals 10% acetic acid			3899-3908'
4.....							
TUBING RECORD							
Size	Set At	Packer at	Liner Run	☐ Yes ☐ No			
2-3/8"	4297'	4267'					
Date of First Production		Producing Method					
		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					