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Form C-105
Revised 11-1-86

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

LG 1543

7. Unit Agreement Name

8. Farm or Lease Name

State DW

9. Well No.

5

10. Field and Pool, or Wildcat

Units. E-K Yates 7 Rv

Queen

12. County

Lea

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ OTHER _____

2. Name of Operator
Cities Service Oil and Gas Corporation

3. Address of Operator
P.O. Box 1919 - Midland, Texas 79702

4. Location of Well
UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM
THE East LINE OF SEC. 12 TWP. 18S RGE. 33E N.M.P.M. _____

15. Date Spudded 1-27-86 16. Date T.D. Reached 2-18-86 17. Date Compl. (Ready to Prod.) 4089' GR 18. Elevations (DF, RKB, RT, GR, etc.) 4089' 19. Elev. Casinghead

20. Total Depth 9030' 21. Plug Back T.D. 4913' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By _____ Rotary Tools _____ Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name

3343 - 3478' - Yates

25. Was Directional Survey Made

26. Type Electric and Other Logs Run

No additional logs were run

27. Was Well Cored

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	348'	17-1/2"	500 sacks	Circulated
8-5/8"	24 & 32#	3300'	11"	1300 sacks	Circulated
5-1/2"	15.5 & 17#	9030'	7-7/8"	1335 sacks	TOC @ 3300'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	3499'	---

31. Perforation Record (Interval, size and number)

4 SPF @ 3343, 44, 45, 46, 50, 51, 52, 54, 55, 3467, 68, 71, 72, 73, 77, and 3478'. Total of 64 holes (0.45" dia & 14.7" pen in Berea)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3343 - 3355'	1000 gals 7-1/2% HCL acid +
	13,000 gals Mini-Max II B-40
	(crosslinked polymer) w/5%
	diesel + 29,500# 12/20 sand

33. PRODUCTIO 3467 - 3478' 1000 gals 7-1/2% HCL acid + *

Date First Production 2-10-86		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2-1/2" x 1-1/4" x 16' - BHD Insert				Well Status (Prod. or Shut-in) Producing	
Date of Test 2-18-86	Hours Tested 24 hrs.	Choke Size	Prodn. For Test Period →	Oil - Bbl. 38	Gas - MCF 4	Water - Bbl. 7 (load)	Gas-Oil Ratio 105
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 33.9°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

J. Gibson

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED E. L. Stutz TITLE Reg. Opr. Mgr. - Prod. DATE 2-20-86

* 13,000 gals Mini-Max II B-40 (crosslinked polymer) w/5% diesel + 29,500# 12/20 sand

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3233'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from.....to.....feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
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