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Form C-105
Revised 11-1-88

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.

2

10. Field and Pool, or Wildcat

Undesia.(Bone Springs

12. County

Lea

1a. TYPE OF WELL

b. TYPE OF COMPLETION
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
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 K LOCATED 1980 FEET FROM THE South LINE AND 1880 FEET FROM

THE West LINE OF SEC. 12 TWP. 18S RGE. 33E NMPM

15. Date Spudded 5-2-84 16. Date T.D. Reached 5-27-84 17. Date Compl. (Ready to Prod.) 6-7-84 18. Elevations (DF, RKB, RT, GR, etc.) 4043' GR 19. Elev. Casinghead 4043'

20. Total Depth 9050' 21. Plug Back T.D. 9006' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools

→ 0-T.D. 9050'

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

8760 - 8820' - Bone Springs

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

LDT-CNL-NGT-Cal, DLL-MSFL-Cal-Deviation Survey

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#	362'	17-1/2"	375 sacks	Circulated
8-5/8"	24#	3255'	11"	850 sacks	TC @ 1510'
5-1/2"	15.5 & 17#	9050'	7-7/8"	2000 sacks	TC @ 2870'

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	8663'	8663'

31. Perforation Record (Interval, size and number)

2 SPF @ 8760, 8761, 8762, 8763, 8764, 8765, 8769, 8770, 8771, 8778, 8780, 8782, 8788, 8789, 8791, 8792, 8797, 8804, 8805, 8808, 8810, 8812, 8815, 8817 and 8820' Total 50 holes (0.50" Dia. & 23" Pen)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8760 - 8820'	2500 gals 15% HCL acid

33. PRODUCTION

Date First Production 6-5-84 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

Date of Test 6-7-84 Hours Tested 12 hrs. Choke Size 14/64" Prod'n. For Test Period Oil - Bbl. 247 Gas - MCF 301 Water - Bbl. 25 Gas - Oil Ratio 1219

Flow Tubing Press. 425# Casing Pressure Packer Calculated 24-Hour Rate Oil - Bbl. 494 Gas - MCF 602 Water - Bbl. 50 Oil Gravity - API (Corr.) 39.6

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

Vented

Test Witnessed By

S. C. Nichols

35. List of Attachments

Above listed logs and Deviation Survey

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

Elmer Startz

TITLE

Reg. Upr. Mgr. - Prod.

DATE

6-8-84

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 quintuplicate 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 _____ 3128'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4321'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 5085'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	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 _____ 6909'	T. Wingate _____	T. _____
T. Wolfcamp _____	T. 1st BS Sand 8223'	T. Chinle _____	T. _____
T. Penn. _____	T. Bone Spgs Dol 8639'	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Premier _____ 5061'	T. Penn. "A" _____	T. _____

T. Dela. Mtn Grp 5878'	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
0	362	362	Surf. Rock, Red Beds & Salt				
362	1464	1102	Red Beds & Anhydrite				
1464	1890	426	Salt & Anhydrite				
1890	2682	792	Anhydrite				
2682	3215	533	Anhydrite & Lime				
3215	3300	85	Lime				
3300	3474	174	Anhydrite				
3474	7905	4431	Lime				
7905	7970	65	Lime & Dolomite				
7970	8186	216	Lime & Chert				
8186	8437	251	Lime				
8437	8690	253	Lime & Chert				
8690	9050	360	Lime, Chert & Sand				
			T.D. 9050'				

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JUN 8 1984
DISTRICT OFFICE