

**NMCCG COPY**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0553785A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government "AD"

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated Wolfcamp

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 27, T21S, R27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

**RECEIVED**

2. NAME OF OPERATOR

Cities Service Company

AUG 15 1977

3. ADDRESS OF OPERATOR

P. O. Box 1919, Midland, Texas 79702

O. C. C.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2310' FNL, 660' FWL of Section 27, T-21-S, R-27-E

Eddy County, New Mexico

At top prod. interval reported below

At total depth same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

3/12/77

4/21/77

7/15/77

3217.2' GR

3217.2'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, MD & TVD (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

11,815'

11,295'

0-11,815'

9505'-9716' (Wolfcamp)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL, FDC, GR, DLL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FILLED
13-3/8" OD	54.5	602'	17-1/2"	700 sacks	None
8-5/8" OD	24 & 32	3020'	12-1/4"	2335 sacks	None
5-1/2" OD	17 & 20	11,815'	7-7/8"	800 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10,550'	10,550'

31. PERFORATION RECORD (Interval, size and number)

2 0.48" holes at 9505', 9507', 9509', 9511', 9513', 9703', 9706', 9709', 9712', & 9716'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9505'-9513'	2500 gals of 15% DS-30 acid, 1000 SCF N2/bbl. & 20 RCNCB's
9703'-9716'	2500 gals of 15% DS-30 HCL acid, 1000 SCF N2/bbl & 20 7/8" RCNCB's

33.\* PRODUCTION

DATE FIRST PRODUCTION 7/12/77 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST 7/15/77 HOURS TESTED 4 CERESE SIZE 11, 14 PROD'N. FOR TEST PERIOD 14 OIL—BBL. 14 GAS—MCF. WATER—BBL. -0- GAS-OIL RATIO 34357

FLOW. TUBING PRESS. 570# CASING PRESSURE CALCULATED 24-HOUR RATE 84 OIL—BBL. 84 GAS—MCF. CAOF 2886 WATER—BBL. -0- OIL GRAVITY-API (CORR.) 52.6

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Well is shut in pending pipeline connection.

TEST WITNESSED BY

S. Nichols

35. LIST OF ATTACHMENTS

Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*[Signature]*

TITLE

Region Oper. Manager

DATE

7/27/77

\*(See Instructions and Spaces for Additional Data on Reverse Side)

*Per [Signature]*

*PER/*

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 13:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. NAME	GEOLOGIC MARKERS	TOP	
						MFAS. DEPTH	TRUE VERT. DEPTH
				Bone Springs		5216'	
				Dean		8523'	
				Wolfcamp		8772'	
				Canyon		9910'	
				Strawn		10,170'	
				Atoka		10,800'	
				Morrow		11,050'	
				Chester		11,682'	