

**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.
RECEIVED
NM 17101

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DEC 4 - 1979

7. UNIT AGREEMENT NAME
O. C. C.

8. FEDERAL OFFICE
ARTESIA OFFICE
Government U.S.

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
WOLF CAMP
Wolfcamp

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 22, T-20S, R-28E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other **RECEIVED**

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

2. NAME OF OPERATOR
Cities Service Company **DEC 3 1979**

3. ADDRESS OF OPERATOR
P.O. Box 1919

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

At surface **1980' FNL & 1980' FEL of Sec 22, T-20S, R-28E**
Eddy County, NM

At top prod. interval reported below
same as above

At total depth
same as above

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED **12/22/73** 16. DATE T.D. REACHED **3/3/74** 17. DATE COMPL. (Ready to prod.) **11/14/79** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **3232.5' GR** 19. ELEV. CASINGHEAD **3232.5'**

20. TOTAL DEPTH, MD & TVD **11,490'** 21. PLUG, BACK T.D., MD & TVD **10,915'** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **0-11,490'** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
9,119' - 9,216' - Wolfcamp

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN **Compensated formation density neutron, Dual Later log, Micro Later log, Deviation test**

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 PULLED
13-3/8"	48#	350'	17 1/2"	525 sacks	
9-5/8"	32 & 36#	3001'	12 1/2"	1115 sacks	
5 1/2"	17 & 20#	11490'	8-3/4"	710 sacks	

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"	9037'	9028'

31. PERFORATION RECORD (Interval, size and number) **2 - 0.46"**

holes each @ 9119, 9124, 9129, 9139, 9142, 9144, 9146, 9148, 9150, 9152, 9154, 9163, 9165, 9179, 9181, 9190, 9202, 9206, 9210, 9211, 9212, & 9216.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9119 - 9216	4500 gals 15% HCl w/ additives using 750 SCF N2/bbl & 66 7/8" RCNCB's

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
11/12/79	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/15/79	4	16, 18, 20 24/64"	→	5		0	4211

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. CAOF	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1268		→		1,335	0	49.6

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

TEST WITNESSED BY
J. L. Bussell

35. LIST OF ATTACHMENTS

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

SIGNED *E. Spindler* TITLE Region Oper. Mgr. DATE 11/27/79

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

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 18: 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.)

FORMATION	TOP	BOTTOM	38.	GEOLOGIC MARKERS
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			NAME	MEAS. DEPTH
DESCRIPTION, CONTENTS, ETC.			TOP TRUE VERT. DEPTH	
			Dean	8,410'
			Wolfcamp	8,765'
			Canyon	9,396'
			Strawn	10,071'
			Cherokee	10,350'
			Atoka	10,605'
			Morrow	10,797'
			Chester	11,433'
			TD	11,490'