

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM-13984

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "N" Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Morrow

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

Sec 5-T23S-R26E

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 RECEIVED

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other MAY 22 1981

2. NAME OF OPERATOR

Cities Service Company ✓

3. ADDRESS OF OPERATOR

P. O. Box 1919; Midland, TX 79702

O. C. D.

ARTESIA, OFFICE

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

At surface 1980' FSL & 860' FEL of Sec 5-T23S, R26E,

Eddy County, New Mexico

At top prod. interval reported below
Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 2/21/81	16. DATE T.D. REACHED 4/15/81	17. DATE COMPL. (Ready to prod.) 5/9/81	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3328.7 GR	19. ELEV. CASINGHEAD 3328.7
-----------------------------	----------------------------------	--	--	--------------------------------

20. TOTAL DEPTH, MD & TVD 11,750	21. PLUG, BACK T.D., MD & TVD 11,685	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY → TD 11,750	ROTARY TOOLS CABLE TOOLS
-------------------------------------	---	--------------------------------------	--	-----------------------------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

11,408'-11,420'--Morrow

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-FDC-GR, DLL, BHC SONIC, DEVIATION SURVEY

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#	397'	17-1/2"	450 SX	circulated
8-5/8"	24#	3000'	12-1/4"	1850 SX	circulated
5-1/2"	17# & 20#	11,750'	7-7/8"	1300 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	11,392	11,387

31. PERFORATION RECORD (Interval, size and number)

2-0.46" holes each @ 11,408, 11,409, 11,410,
11,411, 11,412, 11,413, 11,414, 11,415,
11,416, 11,417, 11,418, 11,419, 11,420

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,408-11420	5000 Gal 7-1/2% MSA w/additives + 1000 SCF N ₂ /Bbl + 36-7/8 RCNCB

33.* PRODUCTION

DATE FIRST PRODUCTION 5-2-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 5-9-81	HOURS TESTED 4 hrs	HOLES SIZE 10, 14 1/2, 14, 17/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 2	GAS—MCF. 1468	WATER—BBL. 0	GAS-OIL RATIO 122,333
FLOW. TUBING PRESS. 1445	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. CAOF 12	GAS—MCF. 1468	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 50.5	

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

TEST WITNESSED BY

SI waiting on pipeline connection.

S. C. 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

TITLE

Reg. Oper. Mgr. - Prod.

DATE

May 20, 1981

*(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.)

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. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
NO CORES WERE TAKEN. SEE NEXT SHEET FOR DST.				Bone Springs Lime	4971'
				Bone Springs 1st Sand	5869'
				Bone Springs 2nd Sand	6319'
				Dean Sand	8109'
				Wolfcamp Sand	8725'
				Simpson Sand	10,101'
				Atoka Sand	10,692'
				Morrow Sand B Zone	11,240'
				Morrow Sand A Zone	11,503'
				Chester TD	11,698'
					11,750'