

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-9819

RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APR 14 1980

7. UNIT AGREEMENT NAME

O. C. D.

8. FARM OR LEASE NAME
Government S ARTESIA, OFFICE

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT
Morrow

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

Sec. 3-T20S-R28E

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

2. NAME OF OPERATOR
Cities Service Company

3. ADDRESS OF OPERATOR
P.O. Box 1919 - Midland, Texas 79703

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FSL & 1980' FEL of Sec. 3-T20S-R28E, 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 1-21-80 16. DATE T.D. REACHED 2-25-80 17. DATE COMPL. (Ready to prod.) 3-27-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3271' GR. 19. ELEV. CASINGHEAD 3271'

20. TOTAL DEPTH, MD & TVD 11,329' 21. PLUG, BACK T.D., MD & TVD 11,276' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-T.D. 11,329'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,214 - 11,237' - Morrow 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Formation Density Compensated/Compensated Neutron; Natural Gamma-Ray Caliper; Dual Laterolog-Micro SFL; Gamma-Ray-Casing Collar- 27. WAS WELL CORED No

28. Cement Bond Log 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#	400'	17-1/2"	1750 sacks	
8-5/8"	24# 32#	3030'	12-1/4"	1850 sacks	
5-1/2"	17# 20#	11320'	7-7/8"	850 sacks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZ.	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	11,100	11,160

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2-0.50" holes/ft. from 11,214 - 11,217' and 11,230 - 11,237' (total of 24 holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION							
DATE FIRST PRODUCTION 3-21-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 3-27-80	HOURS TESTED 5 hrs.	CHOKE SIZE 22 & 24/64"	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 2780#	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF. C.A.O.F. 1,374	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut-in - waiting gas connection TEST WITNESSED BY J. L. Bussell

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 Operations Manager DATE April 10, 1980

*(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			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NO DST'S OR CORES WERE TAKEN.....			Dean	8035'	
			Wolfcamp	8827'	
			Canyon	9412'	
			Strawn	10100'	
			Morrow	10778'	
			Chester	11250'	
			T.D.	11329'	