

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.

Copy 651

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. DATE OF WELL COMPLETION OR RECOMPLETION

5. LEASE DESIGNATION AND SERIAL NO.

NM 17101

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. TRUST AGENT'S NAME

8. FARM OR LEASE NAME

Government U

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undes. Morrow

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

Sec. 22-T20S-R28E

12. COUNTY OR  
PARISH

Eddy

13. STATE

New Mexico

b. TYPE OF COMPLETION

NEW  
WELL ☒WORK  
OVER ☐DEEP  
EN ☐PLUG  
BACK ☐DIFF.  
RENVIC. ☐

Other

APR 4 - 1974

2. NAME OF OPERATOR

Cities Service Oil Company ✓

3. ADDRESS OF OPERATOR

Box 4006 - Midland, Texas 79701

O. C. C.  
ARTESIA, OFFICE

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

At surface

1980' FNL &amp; 1980' FEL of Sec. 22-T20S-R28E, Eddy Co., N. Mexico

At top prod. interval reported below

Same as above.

At total depth

Same as above.

14. PERMIT NO.

DATE ISSUED

15. DATE SHUDDER

12-22-73

16. DATE T.D. REACHED

3-3-74

17. DATE COMPL. (Ready to prod.)

3-26-74

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3233' GR.

19. ELEV. CASINGHEAD

3233'

20. TOTAL DEPTH, MD &amp; TVD

11,490'

21. PLUG, BACK T.D., MD &amp; TVD

11,431'

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10-T.D. 11,490'

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

11,271' - 11,429' - Morrow

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Formation Density-Neutron, Dual  
Laterolog, Micro Laterolog, 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	AMOUNT PULLED
13-3/8"	48#	350'	17-1/2"	525 Sacks	-
9-5/8"	32 & 36#	3001'	12-1/4"	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)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	11,315'	11,165'

31. PERFORATION RECORD (Interval, size and number)

1-0.41" Holes each @ 11,271', 11,273,  
11,275', 11,277', 11,278', 11,279', 11,280',  
11,413', 11,414', 11,415', 11,417', 11,423',  
11,425', 11,427', 11,428' and 11,429'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,413'-11,429'	3000 Gals. 7-1/2% MS Acid w/1000 SCF/Bbl. Nitrogen, Spearheaded 5000 SCF Nitrogen ahead of Acid.

33. PRODUCTION

DATE OF PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-26-74		Flowing		Dist.		Shut-in	
HOURS TESTED		CHOKE SIZE	PROD'N. FOR TEST PERIOD	<del>5</del> —BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4		5 1/8" & 1 1/8"	→	2		Dist.	386,000
CASING PRESSURE		CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GRAVITY-API (CORR.)	
-		→	C.A.O.F.	11,721		525	

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

TEST WITNESSED BY

J. L. Bussell

35. LIST OF ATTACHMENTS

Deviation Test

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

SIGNED

TITLE

Region Oper. Mgr.

DATE

April 1, 1974

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

**General:** This form is designed for submitting a complete and correct well completion report and location of lateral and branches 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 for 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 in the space with the form 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 Federal and State offices.

If not filed prior to the time this summary record is submitted, copies of all currently available logs, including logs, surveys and core analysis, all type, electrical, 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 preceding 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: "Sticks 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.)

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONVEINENTS THEREOF; COBED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

U.S. GOVERNMENT PRINTING OFFICE : 1963--O-683636