

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
NM 17101 **RECEIVED**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**JUN 13 1974**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**O.C.C.**  
**ARTS & OFFICE**  
Government W

9. WELL NO.  
1

10. FIELD AND POOL OR WILDCAT  
**Custom flat morrow**  
**Under Morrow R4915**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 22-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 Oil Company

3. ADDRESS OF OPERATOR  
Box 1919 - Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
660' FSL & 1980' FWL of Sec. 22-T20S-R28E, Eddy Co. New Mexico  
At top prod. interval reported below  
Same as above  
At total depth  
Same as above

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUNDED 3-10-74 16. DATE T.D. REACHED 4-24-74 17. DATE COMPL. (Ready to prod.) 6-5-74 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3236' GR. 19. ELEV. CASINGHEAD 3236'

20. TOTAL DEPTH, MD & TVD 11,523' 21. PLUG, BACK T.D., MD & TVD 11,175' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
11,144' - 11,158' - Morrow

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Laterolog, Micro-Laterolog, Acoustilog, Densilog-Deviation Tests

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"	48,54 & 61#	598'	17-1/2"	600 Sacks (circulated)	-
9-5/8"	32, & 36#	3000'	12-1/4"	1150 Sacks (circulated)	-
5-1/2"	17 & 20#	11523'	8-3/4"	750 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"	11,022'	11,020'

31. PERFORATION RECORD (Interval, size and number)  
2-0.49" Holes each @ 11,144', 11,146', 11,149', 11,152', 11,154', 11,156' and 11,158'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,144'-11,158'	82 Gals. 7-1/2% MS Acid (spotted)

33.\* PRODUCTION

DATE FIRST PRODUCTION 4-19-74 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing Dist. WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-5-74	4 Hrs.	11,12,14, 16.5/64"	→	Tr.		1.5	Dist.

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GR. GRAVITY-API (CORR.)
2958#		→	C.A.O.F.	19,901		51.5°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Well is shut-in waiting on pipeline connection

TEST WITNESSED BY  
Tom Mendenhall

35. LIST OF ATTACHMENTS  
Deviation Tests

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

SIGNED E. Spiller TITLE Region Oper. Mgr. DATE June 10, 1974

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

Posted 6-14-74  
JW

# 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: "Stacks 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	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
No DST's or Cores				Yates	695'
				Bone Springs	4997'
				1st BS Sand	6540'
				2nd BS Sand	7160'
				Dean	8425'
				Canyon	9420'
				Strawn	10120'
				Cherokee Sd.	10405'
				Atoka	10642'
				Morrow	10845'
				Chester	11465'