

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.

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 4906 - Midland, Texas 79701

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

At surface 660' FNL & 1980' FWL of Sec. 28-T21S-R27E, 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 SPUDDED

10-6-73

16. DATE T.D. REACHED

11-13-73

17. DATE COMPL. (Ready to prod.)

12-1-73

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3211' GR.

19. ELEV. CASINGHEAD

3211'

20. TOTAL DEPTH, MD & TVD

11,673'

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

11,638'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

O-T.D.

11,500'

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

11,271' - 11,471' - Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Bore hole compensated - Gamma Ray, Dual
Laterolog, Rxo(Microlaterolog) Compensated Neutron/Formation Density, No

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well) Deviation Tests.

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65	440'	20"	415 Sacks	-
10-3/4"	32, 40 & 45	3100'	14-3/4"	1935 Sacks	-
5-1/2"	20 & 17	11673'	9-1/2"	900 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"	11,026'	11,023-11,026

31. PERFORATION RECORD (Interval, size and number)

2-0.40" holes each @ 11,271', 11,274',
11,276', 11,300', 11,355', 11,357',
11,359', 11,361', 11,363', 11,395', &
11,471'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,271'-11,471'	2000 gal. 7-1/2% MS Acid w/1000 SCF/Bbl. Nitrogen

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS	
11-26-73		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	
12-1-73	4	13/64" & 1/8"					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	CAOF	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2626#				6,507			

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

Well is shut-in waiting pipe line connection

TEST WITNESSED BY

Brad Bennett

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

TITLE

Region Oper. Mgr.

DATE

Dec. 6, 1973

*(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, A.T. 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 POROSITY 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware SD	2828	
				Bone Springs	5088	
				1st Bn Spr SD	6424	
				2nd Bn Spr SD	7110	
				Dean	8438	
				Wolfcamp	8770	
				Canyon	9378	
				Strawn	10098	
				Cherokee	10435	
				Atoka	10752	
				Morrow	11060	
					11160	
					11288	
					11385	
					11490	
					11600	
				Chester		