

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

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 _____

RECEIVED

2. NAME OF OPERATOR Cities Service Oil Company ✓ MAR 19 1974

3. ADDRESS OF OPERATOR P. O. Box 4906 - Midland, Texas 79701 O. C. C.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) OFFICE
 At surface 810' FNL & 1980' FWL of Section 14-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 10/26/73 16. DATE T.D. REACHED 12/13/73 17. DATE COMPL. (Ready to prod.) 3/4/74 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3246' GR. 19. ELEV. CASINGHEAD 3246'
 20. TOTAL DEPTH, MD & TVD 11,500' 21. PLUG, BACK T.D., MD & TVD 11,379' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 0-T.D. 11,500'
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

9206' - 9231' - Wolfcamp

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron-Formation Density, Borehole compensated - Sonic Log, Dual Laterolog, Microlaterolog, Deviation Tests. No

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#	405'	17-1/2"	300 Sacks	-
9-5/8"	32 & 36#	3018'	12-1/4"	1660 Sacks	-
5-1/2"	17 & 20#	11439'	8-3/4"	825 Sacks	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	11,005'	9,126'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2-0.41" holes each @ 9206', 9209', 9211', 9214', 9216', 9217', 9222', 9224', 9226', and 9231'.		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		9206' - 9231'	3000 Gals 15% HCl NE Acid w/ 1000 SCF Nitrogen/Bbl. preceded w/5000 SCF Nitrogen

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-14/74		Flowing Dist.				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3-4/74	4 hrs.	7, 10, 12 & 14/64"	→	29		228,966	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2070#	--	→	C.A.O.F.	5,806		51.8°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut-in waiting administrative approval

35. LIST OF ATTACHMENTS

Attachments mailed with Morrow Completion Data.

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

SIGNED

TITLE Region Operation Manager

DATE March 15, 1974

*(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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SEE ATTACHMENT				Dean	8488'	
				Wolfcamp	8862'	
				Canyon	9385'	
				Strawn	10078'	
				Cherokee	10395'	
				Atoka	10672'	
			Morrow	10852'		
			Chester	11375'		