

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions 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 1919 - Midland, Texas 79701

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

At surface

1980' FSL & 660' FEL of Sec. 10-T20S-R28E, Eddy Co., New Mexico

At top prod. interval reported below

Same as above

Same as above

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE

New Mexico

15. DATE SPUDDED 2-28-75	16. DATE T.D. REACHED 4-8-75	17. DATE COMPL. (Ready to prod.) 5-5-75	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3265' GR	19. ELEV. CASINGHEAD 3265'
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20. TOTAL DEPTH, MD & TVD 11,449'	21. PLUG, BACK T.D., MD & TVD 11,336'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY → 0'-T.D. 11,449' ---	ROTARY TOOLS	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

9114' - 9140' - Wolfcamp

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron-Densilog, Dual Laterolog, Micro-Laterolog, 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#	611'	17-1/2"	650 sacks	Circulated
9-5/8"	36#	2770'	12-1/4"	1770 sacks	Circulated
5-1/2"	(1021.28'-20#)				
	(1011.22'-17#)	11449'	8-3/4"	1025 sacks	TC @ 7600'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8985'	8985'

31. PERFORATION RECORD (Interval, size and number)

2-0.46" holes each @ 9114', 9117', 9120', 9124', 9128', 9130', 9133', 9136' and 9140'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9114' - 9140'	3000 gals 15% DS-30 HCl acid, 1000 SCF Nitrogen/bbl. and 30 ball sealers.

33. PRODUCTION

DATE FIRST PRODUCTION 5-2-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing Dist.			WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 5-5-75	HOURS TESTED 4 hrs.	CHOKE SIZE 16, 17, 18, 19/64"	PROD'N. FOR TEST PERIOD → 46	GAS—MCF. ---	WATER—BBL. 5	GAS-OIL RATIO 4750
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. C.A.O.F.	GAS—MCF. 1311	WATER—BBL. ---	OIL GRAVITY-API (CORR.) 54.1°

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

Well is shut-in waiting on pipeline connection

TEST WITNESSED BY

J. L. Bussell

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 Operation Manager

DATE May 13, 1975

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST No. 1 9105' - 9200'			(95') Wolfcamp: 3/4" BHC, 1/2" TC, no water blanket. Tool opened w/fair blow increasing to good blow in 2 mins. Gas to surface in 8 mins. 40# surface press. in 10 mins. Closed tool for 90 min. ISIP. Reopened tool w/good blow on 1/2" choke increasing to 200# in 15 mins. w/gas volume stabilizing @ 600 MCFD rate for remainder of 120 min. flow period. Closed tool for 180 min. FSIP. Pulled tool loose and circulated conventionally 3-1/2 hrs. w/no noticeable distillate. Had 15 bbl. pit gain. Circulated on choke for 50 mins. before well quiet. Sample chamber @ 9075 contained 150 cc distillate and 4.8 cu. ft. gas @ 800#. Recovered 120' drlg. fluid below circulating sub.
IMCP		Top Chart @ 9084	Bottom Chart @ 9197
10 min. preflow	4742#	could not read	4817#
90 min. ISIP	4621#		516-602#
120 min. final flow	366-711#		4648#
180 min. FSIP	4621#		387-753#
FMCP	4725#		4648#
BHT	140 degs F		4775#
			140 degs F

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Dean	8451'		
Wolfcamp	8792'		
Canyon	9718'		
Cherokee	10360'		
Strawn	10085'		
Atoka	10585'		
Morrow	10816'		
Chester	11388'		

RECEIVED

MAY 15 1975

O. C. C.

ARTESIA, OFFICE