

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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' FWL & 1980' FWL of Sec. 23-T20S-R28E, Eddy Co., Texas
At top prod. interval reported below
Same as above
At total depth
Same as above

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 8-13-74 16. DATE T.D. REACHED 9-22-74 17. DATE COMPL. (Ready to prod.) 10-30-74 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3227' GR 19. ELEV. CASINGHEAD 3227'

20. TOTAL DEPTH, MD & TVD 11,533' 21. PLUG, BACK T.D., MD & TVD 11,487' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY C-T.D. 11,533' --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
11,222' - 11,229' - Morrow

26. TYPE ELECTRIC AND OTHER LOGS RUN
Compensated Neutron-Formation Density, Borehole Compensated, Dual Laterolog, Gamma-Ray, Deviation Tests

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#	605'	17-1/2"	625 sacks	--
9-5/8"	26#	3000'	12-1/4"	1540 sacks	--
5-1/2"	17 & 20#	11533'	8-3/4"	900 sacks	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
2-3/8"				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKERS SET (MD)
2-3/8"	11,132'	11,080'

31. PERFORATION RECORD (Interval, size and number)
2-0.41" holes each @ 11,222', 223', 224', 225', 226', 227', 228' and 11,229'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 11,222'-11,229' AMOUNT AND KIND OF MATERIAL USED 1000 Gals 7-1/2% HCl 1ST acid w/1000 SCF Nitrogen/Bbl. (Total 69,000 SCF Nitrogen)

33. PRODUCTION
DATE FIRST PRODUCTION 10-26-74 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 10-30-74 HOURS TESTED 1 Hrs. CHOKE SIZE 8" 17/64" PROD'N. FOR TEST PERIOD C.A.O.F. OIL—BBL. 2015 GAS—MCF. -- WATER—BBL. -- GAS-OIL RATIO --

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

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

5. OFFICE DESIGNATION AND SERIAL NO.
11-18293

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Government AA

9. WELL NO.
1

10. FIELD AND POOL, OR WELL CAT
Indesignated Morrow

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 23-T20S-R28E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

RECEIVED
NOV 14 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

pasted
11-18-74

SIGNED E. J. Fielder TITLE Region Operation Manager DATE November 11, 1974

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 VPWT. DEPTH
NO CORES OR TESTS TAKEN				Bone Springs	4930	
				1st Bone Spr. Rd.	6516	
				Dean	8560	
				Wolfcamp	8860	
				Canyon	9487	
				Strawn	10168	
				Atoka	10666	
			Morrow	10852		
			Chester	11177		