

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 <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input checked="" type="checkbox"/>	Other _____
2. NAME OF OPERATOR Cities Service Oil Company ✓						NOV 16 1973	
3. ADDRESS OF OPERATOR Box 4906 - Midland, Texas 79701						O.C.C. ARTESIA, OFFICE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL & 660' FEL of Sec. 3 T20S-R28E, Eddy Co. N.M. At top prod. interval reported below Same as above At total depth Same as above						14. PERMIT NO. _____ DATE ISSUED _____	
15. DATE SPUDDED 9-8-73						16. DATE T.D. REACHED 10-15-73	
17. DATE COMPL. (Ready to prod.) 11-5-73						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3281' GR.	
19. ELEV. CASINGHEAD 3281'						20. TOTAL DEPTH, MD & TVD 11,315'	
21. PLUG, BACK T.D., MD & TVD 10,488'						22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS p-TD 11,315'						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,463' - 10,470' - Cherokee Sand	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron Formation Density-Gamma Ray-Caliper; Micro & Dual Laterologs Deviation Sur.	
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)	
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48#		361'		17-1/2"	
9-5/8"		36# 40#		3115'		12-1/4"	
5-1/2"		17# 20#		10589'		8-3/4"	
CEMENTING RECORD		AMOUNT PULLED					
375 Sacks							
1115 Sacks							
700 Sacks							
29. LINER RECORD						30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
2-7/8"		10,329		10,336			
31. PERFORATION RECORD (Interval, size and number) 2-0.41" Holes/Ft. from 10,463' - 10,470' (Total of 16 Holes).						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED	
10,463-10,470'						3000 gals. 15% MS Acid	
33.* PRODUCTION						34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION 11-3-73						PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 11-5-73						HOURS TESTED 4 Hrs.	
CHOKE SIZE 5/8" & 16/64" DIST						PROD'N. FOR TEST PERIOD 0.78	
OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO 2,040,000						WELL STATUS (Producing or shut-in) Shut-in	
FLOW. TUBING PRESS. 982#						CASING PRESSURE 53.0°	
CALCULATED 24-HOUR RATE 0.78						GAS—MCF. CAOF 1592	
WATER—BBL. DIST.						GRAVITY-API (CORR.)	
35. LIST OF ATTACHMENTS Deviation survey & above listed logs						TEST WITNESSED BY M. Daniel	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						DATE November 14, 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, 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:** "Secks Concept": 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.	NAME	MEAS. DEPTH	TRUE VEET. DEPTH
See Attached				Delaware	3000'	
				Bone Springs	4370'	
				Dean	8850'	
				Canyon	9408'	
				Strawn	10060'	
				Cherokee	10462'	
				Atoka	10535'	
				Morrow	10748'	
				Chester	11225'	