

**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 regulations) At surface 1650' FSL & 1980' FEL of Sec. 7-T21S-R22E, Eddy Co., New Mexico At top prod. interval reported below Same as above At total depth Same as above					
14. PERMIT NO.		DATE ISSUED SEP 10 1975			
15. DATE SPUDDED 7-4-75		16. DATE T.D. REACHED 8-9-75		17. DATE COMPL. (Ready to prod.) 8-29-75	
18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 4411' DF		19. ELEV. CASINGHEAD 4399'			
20. TOTAL DEPTH, MD & TVD 8,350'		21. PLUG, BACK T.D., MD & TVD 8274'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0' - T.D. 8,350'		CABLE TOOLS ---	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7,986' - 8,142' - Morrow					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron-Formation Density, Dual Laterolog, Microlaterolog-Microlog, Deviation Test					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#	30'	17-1/2"	3 yards Redi-Mix	Circulated
9-5/8"	(204.38' 40#)				
	(1593.62' 36#)	1808'	12-1/4"	1213 sacks	Circulated
5-1/2"	(2909.02' 17#)	8314'	7-7/8"	560 sacks	TC @ 5750'
29. 5390.87' 15# PER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-7/8"	7,780'	7,780'			
31. PERFORATION RECORD (Interval, size and number)					
1-0.41" hole each @ 7,986', 7,987', 7,988', 7,989', 7,990', 7,991', 7,992', 7,993', 7,994', 7,995', 8,074', 8,116', 8,118', 8,140' and 8,142'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7,986' - 8,142'		3000 gals 7-1/2% HCl + 1000 SCF Nitrogen/8bl + 27 ball sealers.			
33.* PRODUCTION					
DATE FIRST PRODUCTION 8-21-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 8-29-75	HOURS TESTED 4 hrs.	CHOKES SIZE 10 1/2/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. ---	GAS—MCF. ---
				WATER—BBL. ---	GAS-OIL RATIO ---
FLOW. TUBING PRESS. 1701#	CASING PRESSURE ---	CALCULATED 24-HOUR RATE →	OIL—BBL. C.A.O.F.	GAS—MCF. 2,428	WATER—BBL. ---
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					
SIGNED <i>E. Spindler</i>		TITLE Region Operation Manager		DATE September 5, 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 33.

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: 7965-8156' (191') Morrow Sand, 3/4" BHC, 3/8" TC. No wtr. blanket. Tool opened w/a good blow. Gas to surface in 5 mins. w/180# FDPP. Closed tool (7 mins.) FDPP 210#. Took 60 min ISIP. Opened tool, FDPP increased from 350# to 500# w/gas rate increasing to 2.2 MMCFD against 450# RP for 90 min final flow. Closed tool for 180 min FSIP. No fluid to surface. Rec. 320' heavily gas cut drlg. mud. Sample chamber @ 7935' contained no fluid and 2.2 cu ft gas @ 900#. BHP's as follows:			
IMCP	Top chart @ 8156'	Top chart @ 8151'	Bottom chart @ 8151'
7 min IF	3965#	3951#	3951#
60 min ISIP	344-388#	383-425#	383-425#
90 min FF	3017#	3059#	3059#
180 min FSIP	474-948#	510-978#	510-978#
FMCP	3017#	3059#	3059#
BHT	3965#	3951#	3951#
	136 degs F		

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Clearfork	2850'		
Abo	3420'		
Wolfcamp	4680'		
Canyon	6375'		
Strawn	7270'		
Cherokee	7605'		
Atoka	7710'		
Morrow	7874'		
"B" Zone	8012'		
Chester	8190'		