

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-RC55A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		8. FARM OR LEASE NAME	
2. NAME OF OPERATOR Cities Service Oil Company		9. WELL NO. 1	
3. ADDRESS OF OPERATOR Box 1919 - Midland, Texas 79701		10. FIELD AND POOL, OR WILDCAT Undes Wolfcamp	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FWL of Sec 23-T20S-R28E, Eddy Co., New Mex. At top prod. interval reported below Same as above At total depth Same as above		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 23-T20S-R28E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 6-23-74		16. DATE T.D. REACHED 8-1-74	
17. DATE COMPL. (Ready to prod.) 9-24-74		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3238' GR	
19. ELEV. CASINGHEAD 3238'		20. TOTAL DEPTH, MD & TVD 11,485'	
21. PLUG BACK T.D., MD & TVD 11,440'		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9219'-9303' - Wolfcamp	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron - Formation Density, Sonic Log, Dual Laterolog, Microlaterolog - 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#	
625'		17-1/2"	
625 Sacks		Circulated	
9-5/8"		32 & 36#	
3008'		12-1/4"	
1200 Sacks		Circulated	
5-1/2"		17 & 20#	
11485'		8-3/4"	
900 Sacks		None	
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
Bottom (MD)		Sacks Cement*	
Screen (MD)		Size	
Depth Set (MD)		Packer Set (MD)	
2-3/8"		11,239'	
9,054'		Sliding Sleeve @ 11,195'	
31. PERFORATION RECORD (Interval, size and number) 2-0.48" Holes each @ 9219', 9221', 9223', 9225', 9235', 9237', 9239', 9241', 9246', 9251', 9253', 9255', 9257', 9259', 9261', 9265', 9271', 9273', 9275', 9277', 9290', 9299', 9301', and 9303'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval (MD) 9219'-9303' Amount and Kind of Material Used 4000 Gals 15% DS Acid w/1000 SCF Nitrogen/ B (total 130,000 SCF Nitrogen) + 62 Ball Sealers	
33. PRODUCTION		DATE FIRST PRODUCTION 8-31-74	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 9/24/74		HOURS TESTED 3-3/4	
HOLE SIZE 8, 10, & 12/64		PROD'N. FOR TEST PERIOD 156.75	
OIL—BBL. 1003		GAS—MCF. 780	
WATER—BBL. -0-		GAS-OIL RATIO 778	
FLOW. TUBING PRESS. 1282#		CASING PRESSURE --	
CALCULATED 24-HOUR RATE 1003		OIL GRAVITY-API (CORR.) 52.5	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well is shut-in waiting on administrative approval		TEST WITNESSED BY P. C. Hayes	
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 Operations Mgr.

DATE

September 27, 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 23, 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:			38. GEOLOGIC MARKERS	
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	NAME	MEAS. DEPTH
			TRUE VERT. DEPTH	
SEE ATTACHED FOR DST'S...			Dean	8495'
			Wolfcamp	8870'
			Canyon	9430'
			Strawn Ls.	10100'
			Cherokee	10330'
			Atoka	10640'
			Morrow	10855'
		Chester	11420'	