

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved. 1-72-6-51
Budget Bureau No. 42-R355.5

(See instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 0553785-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Cities Service Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1919 - Midland, Texas 79701		8. FARM OR LEASE NAME Government AD Com.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FNL & 1980' FWL of Sec. 21-T21S-R27E, Eddy Co., New Mexico At top prod. interval reported below Same as above At total depth Same as above		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED AUG 22 1975	
15. DATE SPUDDED 5-2-75		16. DATE T.D. REACHED 6-24-75	
17. DATE COMPL. (Ready to prod.) 8-15-75		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3236' CR	
19. ELEV. CASINGHEAD 3236'		20. FIELD AND POOL, OR WILDCAT Undes. Indes. Morrow	
21. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21-T21S-R27E		22. COUNTY OR PARISH Eddy	
23. STATE New Mexico		24. WAS DIRECTIONAL SURVEY MADE No	
25. TOTAL DEPTH, MD & TVD 11,730'		26. PLUG, BACK T.D., MD & TVD 11,550'	
27. IF MULTIPLE COMPL., HOW MANY*		28. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
29. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,363' - 11,548' - Morrow		30. T.D. 11,730' ---	
31. TYPE ELECTRIC AND OTHER LOGS RUN Densilog Neutron, Dual Laterolog, Micro-Laterolog, Cement Bond Log and Deviation Tests		32. WAS WELL CORED No	
23. CASING RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48#	401'	17-1/2"
9-5/8"	36#	3002'	12-1/4"
5-1/2"	(1060.31' 20#)		
	(1061.8.89' 17#)	11730'	8-3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	11,179'	11,179'	
31. PERFORATION RECORD (Interval, size and number) 1-0.40" hole			
11,363', 11,364', 11,365', 11,366', 11,367', 11,368', 11,369', 11,372', 11,373', 11,374', 11,435', 11,436', 11,437', 11,438', 11,439', 11,440', 11,441', 11,531', 11,532', 11,533', *			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
11,363'-11,548'		5000 gals 7-1/2% MS acid + 1000 SCF/bbl Nitrogen + 50 ball sealers.	
33. PRODUCTION			
DATE FIRST PRODUCTION 8-10-75	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 8-15-75	HOURS TESTED 4 hrs.	CHOKE SIZE 11, 14, 17 & 20/64"	PROD'N. FOR TEST PERIOD Dist. Tr.
FLOW. TUBING PRESS. 1599#	CASING PRESSURE ---	CALCULATED 24-HOUR RATE ---	OIL—BBL. C.A.O.F.
GAS—MCF. 4,307		WATER—BBL. ---	
OIL GRAVITY-API (CORR.)		TEST WITNESSED BY P. C. Hayes	
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 [Signature]		TITLE Region Operation Manager	
DATE August 21, 1975		O. C. C. ARTESIA, NEW MEXICO	

*(See Instructions and Spaces for Additional Data on Reverse Side)

* 11,537', 11,538', 11,539', 11,540', 11,541', 11,543', 11,545', 11,547' and 11,548'.

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.	GEOLOGIC MARKERS	
					NAME	MEAS. DEPTH
DST No. 1: 9020-9061 (44') Wolfcamp, 3 1/4" BHC, 2 1/4" TC. No water blanket. Tool opened for 15 min. preflow with a good blow. 2# in 5 min., 4# in 10 min., 6# in 15 min. Closed tool. Gas to surface in 17 min. Took 45 min. ISIP. Opened tool for 90 min. final flow with a good blow on 2 1/4" choke. Choke plugged intermittently with lost circ. material for 1st 30 min. of test. Flowing 47° grav. distillate AND 20 B/hr. with gas volume increasing to 5,000 MMCFD. Last 60 min. BHP increased from 500# to 1175# on 1/2" choke. Closed tool for 180 min. FSIP. Released packers, opened circulating sub and circulated conventional. CBU in 70 min w/good gas bubble - no visible distillate. Sample chamber @ 8993 contained 900 cc 17° grav. distillate and 5.129 cu ft gas (no water) @ 2900 psig.					Dean Wolfcamp Canyon Strawn Cherokee Atoka Morrow "B" Zone "A" Zone Chester	8500 8800 9930 10158 10477 10786 11008 11275 11529 11700
BHP's as follows:						
IMCP				Bottom chart @ 9061'		
15 min IF				4799#		
45 min ISIP				1652 - 2123#		
90 min FF				4169#		
180 min FSIP				2232# - 3283#		
FMCP				3853#		
BHT				4777#		
				Top chart @ 8999'		
				4832#		
				no reading - 2031#		
				4520#		
				2203# - 3362#		
				3851#		
				4766#		
				175° F		