

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions
reverse side)

Form approved,
Budget Bureau No. 42-50000

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
P. O. Box 1919 - Midland, Texas 79701

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 Mexico
At top prod. interval reported below
Same As Above
At total depth
Same As Above

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
NM 8941

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Government Z

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Burlington

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

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

15. DATE SPUDDED 6-23-74 16. DATE T.D. REACHED 8-4-74 17. DATE COMPL. (Ready to prod.) 9-18-74 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 0-T.D. 11,485' CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
11,313 - 11,320' - Morrow
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

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
2-3/8"	11,239'	11,200'		

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	11,239'	11,200'

31. PERFORATION RECORD (Interval, size and number)

2-0.48" Holes each @ 11,313' - 11,314'
11,315' - 11,316' - 11,317' - 11,318'
11,319' - and - 11,320'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-27-74		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-18-74	3 Hrs, 45 Min	12 15, 18, 21 / 64"	→	5.5	-	-	Dist. 274, 245
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GRAVITY-API (CORR.)	
2272#	-	→	C.A.O.F.	9,653	-	53.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Well is Shut-In waiting on Pipeline Connection
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 E. Spindler TITLE Region Operation Manager DATE 9-26-74

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

INSTRUCTIONS

54-2. 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 for well completions on leased, acre, 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 a completed report in this form 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 12: 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. Consult local State or Federal requirements. Consult local State or Federal requirements.

Item 29: "Backs Cement": Attached supplemental records for the main interval, item 28, are the separate production from more than one interval zone (multiple completion), so state 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 22, and in item 24 show the producing interval for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Gracks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See instruction for item 28.)

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.
38. GEOLOGIC MARKERS			
MEAS. DEPTH	TRUE VERT. DEPTH		
8495'		Dean	
8870'		Wolfcamp	
9430'		Canyon	
10100'		Strawn Ls.	
10330'		Cherokee	
10640'		Atoka	
10855'		Morrow	
11420'		Chester	