

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM-36400 RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT MAR 12 1982

8. FARM OR LEASE NAME O. C. D.

Federal Q ARTESIA, OFFICE

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Canyon

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 23-T23S-R23E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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 Company /

3. ADDRESS OF OPERATOR

P.O. Box 1919 - Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 785' FNL & 2180' FWL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-4-81

16. DATE T.D. REACHED

6-20-81

17. DATE COMPL. (Ready to prod.)

1-24-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4057' GR

19. ELEV. CASINGHEAD

4057'

20. TOTAL DEPTH, MD & TVD

10,449'

21. PLUG, BACK T.D., MD & TVD

8380'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8123 - 8205' - Cisco

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-FDC, DLL-RX0 - Deviation Survey

27. WAS WELL CORED

Yes

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#	354'	17-1/2"	500	Circulated
8-5/8"	24 & 32#	2490'	12-1/4"	1250	Circulated
5-1/2"	17#	10100'	7-7/8"	1200	TC @ 6340'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	8073'	8066'

31. PERFORATION RECORD (Interval, size and number)

2 SPF @ 8123-40-51-61-63-77-81-83-85-88-8205'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8123 - 8205'	3000 gals 15% NE acid w/additives Used 1000 SCF N ₂ /bbl. Total of 101,000 SCF N ₂ .

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-11-81		Flowing				Shut-in WOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-24-82	4 hrs.	1 1/4" & 8764"	XXXX XBER	722	---	---	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1602#	---	---	---	---	---	---	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut-in waiting on pipeline connection

TEST WITNESSED BY

J. L. Bussell

35. LIST OF ATTACHMENTS

Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Elmer Startz

TITLE Region Opr. Mgr. - Prod.

DATE March 10, 1982

*(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: "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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Core #1 7872 - 7891' (19'), Rec. 8' Lime & calcareous mud, fossiliferous, no porosity & no show. Core #2 7891 - 7941' (50'), Rec. 9-1/2' dense gray Lime, 29' gray shaley Lime & 8' dense gray Lime. No porosity & no shows. Core #3 7941 - 7988' (47'), Rec. 23-1/2' gray Lime w/2" shale stringers scattered throughout. No porosity & no shows.				Bone Springs Dean Wolfcamp Cisco Canyon Strawn Atoka Morrow Sd. Chester Miss. Ls.	4237 6670 6974 7880 8210 8409 8960 9563 10010 10406	L.B. 6939 7515 8215 8988 9437 9583
DST #1 8105 - 8165' (Canyon), 3/4" BHC, 1/8" TC, no water blanket. Tool opened 75 min w/no GTS. Took 15 min pre flow w/fair blow throughout - no surface press. Closed tool for 60 min ISIP. Reopened tool for 60 min final flow w/poor blow. No surf press & no GTS. Closed tool for 180 min FSIP. Recovered 180' drlg. fluid - 173,000 ppm chls & Res 0.70 @ 70° F. Smp1 chamber @ 8072' contained 2400 cc drlg fluid w/Res 0.60 @ 70° F & 183,000 ppm chls & 0.49 cu ft of gas @ 450 psig. Chls of drlg fluid in pit 177,000 ppm. BHP's as follows:						
IMCP		Top Chart @ 8084'	Bottom Chart @ 8161'			
15 min Intital Flow	4253 psig	4290 psig				
60 min' ISIP	66-66 psig	65-87 psig				
60 min FF	66 psig	196 psig				
180 min FSIP	66-68 psig	131-131 psig				
FMCP	596 psig	675 psig				
BH Temp	4231 psig	4290 psig				
	1560 F	1560 F				