

Drawer DD
 Artesia, NM 88210

 See o
 struct
 reverse

E, US

5. LEASE DESIGNATION AND SERIAL NO.

NM 57221

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal AC

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 35-T23S-R23E

12. COUNTY OR PARISH
Eddy

13. STATE

New Mexico

1a. TYPE OF WELL:
ARTESIA, OFFICE

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

Cities Service Oil and Gas Corporation

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
1797' FSL & 1525' FWL

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-16-85

16. DATE T.D. REACHED

7-24-85

17. DATE COMPL. (Ready to prod.)

8-19-85

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

4416' GR

19. ELEV. CASINGHEAD

4416'

20. TOTAL DEPTH, MD & TVD

10707'

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

10383'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS
p - T.D. 10707'

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

10202 - 10234' - Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-LDT-GR Cal., DLL-MSFL, BHC Sonic-GR Cal. - Deviation Survey

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 & 54.5#	352'	17-1/2"	1050 sacks	Circulated
8-5/8"	24#	2497'	12-1/4"	1300 sacks	Circulated
5-1/2"	17#	10426'	7-7/8"	1460 sacks	TOC @ 4800'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	10096'	10088'

31. PERFORATION RECORD (Interval, size and number)

 4 SPF @ 10202, 203, 204, 206, 207, 208,
 211, 212, 215, 216, 217, 218, 219, 221,
 223, 224, 225, 226, 228, 232, 233 and
 10234'. Total of 88 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10202 - 10234'	5000 gals 7-1/2% Morrow Sand acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-12-85		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-19-85	4 hrs.	7.11.5, 14.5 & 16.25/64"	————→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2318#	packer	————→		C.A.O.F. 8224 MCFD			

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

Well is shut-in waiting on pipeline connection

ACCEPTED FOR RECORD TEST WITNESSED BY

Joe Gibson

35. LIST OF ATTACHMENTS

Above listed logs and Deviation Survey

AUG 27 1985

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

SIGNED

TITLE

Region Petroleum Engineer

DATE

8-22-85

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

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	TOP VERT. DEPTH
DST #1 (Morrow B Zone) Straddle packer 10196 - 10250', opened tool w/good initial blow w/surface pressure of 2 oz. Lost packer seat. G.T.S. in 6 min. w/4' flare decreasing to zero. Attempted twice to reset packer w/no success. Dropped bar and opened circ. sub. Reversed out gas cut mud. Sample chamber @ 10167' contained 7.6 CFG & 400 cc drlg. mud @ 1900 psig. 1st recorder @ 10171'				Bone Springs	4865'	
INIT FLOW TM		2 min.		Dean	7082'	
IHP		4868	2 min. 4919	Wolfcamp	7407'	
IFP	1151-1720	1720	1517-2018	Cisco	8435'	
FHP		4868	4919	Canyon	8763'	
BH TEMP		1800		Strawn	9202'	
This test was a misrun and the above pressures may not be valid.				Atoka	9516'	
DST #2 (Morrow B Zone) 10205 - 10291', 2000' WB, opened tool w/very strong blow. Took 15 min. preflow and had GR of 400 MCFD w/250 # FTP. Fluid to surface in 13 min. SI for 60 min. GTS in 18 min. Opened for 60 min. FF on 1/2" choke @ 860# increasing to 2200# after 55 min. w/GR @ 3.1 MMCFD until end of 60 min. flow period. SI for 120 min. FSIP. Rec. 960' of slightly gas cut water cushion in drill pipe. Sample chamber @ 10213' contained 19.75 CFG @ 2500 psig.				Morrow B	10202'	
INIT FLOW TM				Morrow A	10374'	
ISI TIME		15 min.		Barnett	10546'	
IHP		60 min.				
ISIP		4867	15 min. 60 min. 4927			
IFP	1023-1481	3970	3974			
FF TIME		1257-1648	120 min.			
FFP	1756-3092	60 min.	60 min.			
FSIP		1760-3074	1760-3074			
FHP		3970	3974			
FSI TIME		4849	4819			
BH TEMP		120 min. 1760	120 min.			
			2nd recorder @ 10284'			
			1st recorder @ 10277'			