

NMOCC COPY

UNITED STATES

SUBMIT IN DUPLICATE

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See instructions on reverse side)

copy to SF
Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0354232

6. IF INDIAN, ALLIOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Elizondo Federal "A"

9. WELL NO.

5

10. FIELD AND POOL OR WILDCAT

East Carlsbad
Wolfcamp,11. SEC., T., R., M., OR BLOCK AND SURVEY No.
OR AREA

Sec. 34, T21S, R27E

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 1780' FSL, 2180' FWL, Sec. 34, T21S, R27E

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

AUG 30 1977

15. DATE SPUNDED

4-29-77

16. DATE T.D. REACHED

6-4-77

17. DATE COMPL. (Ready to prod.)

8-15-77

18. DIRECTIONS (of FCB, RT, GR, ETC.)*

3142.9' GR

19. ELEV. CASINGHEAD

3142.9

20. TOTAL DEPTH, MD & TVD

11,830'

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

11,300'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-11,830'

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

9579'-9585'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDC-CNL, DLL-RXO, Coriband

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" OD	54.5	605'	17-1/2"	850 sacks	None
8-5/8" OD	24 & 32	3000'	12-1/4"	1600 sacks	None
5-1/2" OD	17 & 20	11,830'	7-7/8"	750 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	9473.81'	9467.81'

31. PERFORATION RECORD (Interval, size and number)

1 0.48" hole at 9579', 9581', 9583' & 9585'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9579'-9585'	3000 gallons of 15% HCl acid
	24 7/8" RCNCB's & 1000 SCF
	N2/bbl.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/8/77		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/15/77	4 hours	4,6,8 2 10/64"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1912#	---	→	60	CAOF 1030	6	56.5	

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

Well is shut in waiting on connection.

TEST WITNESSED BY

R. Germany

35. LIST OF ATTACHMENTS

Deviation Test

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

SIGNED

TITLE Region Operation Mgr.

DATE 8/24/77

*(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	TOP	TRUE VERT. DEPTH
				Bone Springs	5,236'		
				Dean	8,524'		
				Wolfcamp	8,788'		
				Canyon	9,982'		
				Strawn	10,232'		
				Atoka	10,864'		
				Morrow	11,146'		
				Chester	11,783'		

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator CITIES SERVICE COMPANY			Lease Elizando-Federal			Well No. 5		
Unit Letter K	Section 34	Township 21 South	Range 27 East	County Eddy				
Actual Well Location of Well:								
1780 feet from the south line and			2180 feet from the west line					
Ground Level Elev. 3142.9'	Producing Formation Wolfcamp		Pool East Carlsbad			Total Acreage 4932 acres		

RECEIVED
AUG 26 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Unit block consists of 4932 acres. Working interests of participating companies in this proposed well are as follows:

Cities Service Company	36.69185%
Amoco Production Co.	22.18587%
Pioneer Production Co.	16.63910%
Rosalind Redfern and Flag-Redfern Oil Co.	16.63910%
Union Oil of California	4.43026%
Champlin Petroleum Co.	1.70661%
Patoil Corp.	1.70661%
	100.00000%

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
E. Spaulder
Region Operation Manager
Cities Service Company

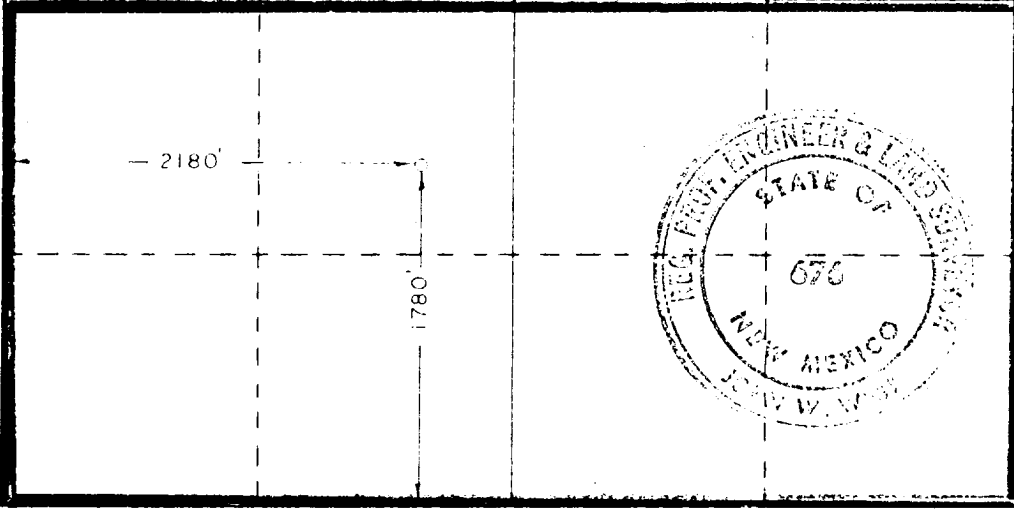
Date
August 24, 1977

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Dec. 8, 1976

Registered Professional Engineer and/or Land Surveyor

Signature
Edmund N. West
Certificate No. 676



330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950

AFFIDAVIT

State of Texas Cities Service Company

County of Midland Lease Name Elizondo Federal "A" Well # 5

In Sec. 34 Twp. 21-S Rge. 27-E

County of Eddy

State New Mexico

E. Y. Wilder of lawful age being first duly sworn deposes and says:

That he supervises development and operation of the captioned lease and is duly qualified and authorized to make this affidavit and is fully acquainted with all facts herein set out concerning Deviation and Directional drilling.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
.25	250'	1.00	6,217'		
.75	605'	.75	6,700'		
.75	1,104'	1.00	7,200'		
1.00	1,600'	1.00	7,690'		
1.00	1,875'	1.50	7,950'		
1.00	2,137'	1.25	8,440'		
1.00	2,637'	1.00	8,930'		
1.50	3,000'	1.50	9,330'		
1.00	3,275'	1.50	9,810'		
1.00	3,515'	1.50	10,305'		
1.00	4,015'	1.75	10,800'		
1.00	4,500'	1.00	11,067'		
1.25	4,986'	1.00	11,555'		
1.00	5,480'				
1.00	5,740'				

Further affiant saith not.

Subscribed and sworn to before me this 25 day of August, 19 77

My Commission Expires 10-31-78 Christine Hamlin Notary Public
Midland County, Texas