

N. M. OIL & GAS COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Cities Service Oil & Gas Corp.

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

500' FSL & 330' FEL

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

30 miles West from Hobbs, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

820'

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1408'

19. PROPOSED DEPTH

4900'

20. ROTARY OR CABLE TOOLS

Completion unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4131' GR

22. APPROX. DATE WORK WILL START

After permit approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	35#	297'	Circulated
12-1/4"	8-5/8"	24 & 32#	3149'	TOC @ 1000'
7-7/8"	5-1/2"	15.5 & 17#	8925'	TOC @ 2700'

O.T.D. 8925' Dolomite, OPBTD 8878'. It is proposed to plug back this well from the Abo Formation and test the Grayburg Formation in the following manner:

1. MIRU a pulling unit and POOH w/rods and pump. ND WH and NU BOP. Kill well if necessary and POOH w/tubing.
2. RIH w/RB and casing scraper on 2-7/8" tubing and CO casing to 8630'. CHC and POOH w/RB, casing scraper and tubing.
3. RIH w/5-1/2" CIBP on wireline and set CIBP @ \pm 8620'. Dump 4 sacks of cement on top of the CIBP @ 8620 - 8550'.
4. RIH w/2-7/8" tubing to 8550' and circulate hole w/mud laden fluid. POOH to \pm 6670' and spot a 10 sack (100') cement plug across the top of the Glorieta @ 6670 - 6570'. POOH to 6500' and WOC. Test casing to 1000#. POOH w/tubing.
5. Perforate the Grayburg Formation w/2 SPF @ 4845, 46, 48, 50, 52, 55, 56, 59, 61, 64, 65, 69, 73 and 4874'. Total 28 holes. (CONTINUED ON ATTACHED SHEET)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Elmer Stutz

TITLE

Reg. Opr. Mgr. - Prod.

DATE

3-31-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig. Sgd: Charles S. Doherty

APPROVED BY

Area Manager

TITLE

DATE

4-2-86

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Cities Service Oil & Gas Corp. #9 Wyatt A Federal
Lea County, New Mexico

attachment:

6. RIH w/5-1/2" RTTS on 2-7/8" tubing and set RTTS @ + 4750'. Acidize thru Grayburg Perfs @ 4845 - 4874' w/2000 gals 15% NeFe HCL acid. Recover load and treatment and swab test the Grayburg and if necessary frac thru Grayburg Perfs @ 4845 - 4874' w/15,000 gals of 40# gel + 21,000# 20/40 sand.
7. Swab well until sand cleans up and POOH w/RTTS and tubing.
8. RIH w/production tubing, rods and pump and put well to pumping to obtain a potential test.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Cities Service Oil & Gas Corp.		Lease Wyatt A Federal		Well No. 9
Init Letter P	Section 34	Township 17S	Range 33E	County Lea
Actual Footage Location of Well: 500 feet from the South line and 330 feet from the East line				
Ground Level Elev. 4131' GR	Producing Formation Grayburg	Pool Maljamar (G-SA)	Dedicated Acres per Acre 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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 _____

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.

	CERTIFICATION	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
	Name <i>Elmer Stutz</i>	
	Position Reg. Opr. Mgr. - Prod.	
	Company Cities Service Oil & Gas Corp.	
Date March 31, 1986		
	<i>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.</i>	
	Date Surveyed	
	Registered Professional Engineer and/or Land Surveyor	
Certificate No.		