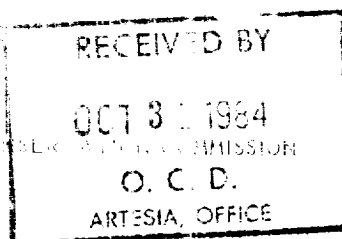


NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	☒
FILE	☒
U.S.G.S.	☒
LAND OFFICE	☒
OPERATOR	☒

NEW MEXICO OIL AND GAS COMMISSION



Form O-101
Revised 10-75

1A. Indicate Type of Lease	
STATE ☒	FEE ☐
1B. Field Oil & Gas Lease No.	
L-1648	

APPLICATION FOR PERMIT TO DRILL			
1a. Type of Work		1b. Type of Well	
DRILL ☐		DEEPEN ☐	
OIL WELL ☐		GAS WELL ☒	
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		5. Unit Agreement Name	
UNIT LETTER J		State CP Com	
1830		Well No. 1	
South		10. Field and Pool, or Wildcat	
AND 1980		Undesig. Bone Springs	
East 9		County	
21S 27E		Eddy	
3227' GR		History of C/P	
Required/Approved		---	
N/A		Approx. Date Work will start	
		After permit approval	
SIZE OF HOLE			
SIZE OF CASING			
(SEE MORROW COMPLETION DATA)			
EST. TOP			

O.T.D. 11,750' Shale & Lime, O.P.B.T.D. 10,950'. It is proposed to abandon the Strawn Formation (10,529 - 10,555') and plug back and test the Bone Springs Formation in the following manner:

1. MIRU a pulling unit and set a blanking plug in a Model F profile nipple @ 10,439' and spot 10 sacks of cement on top of plug @ approx. 10,439 - 10,322'. PU & circulate hole with mud laden fluid. POOH to + 10,000'.
2. Spot a 15 sack cement plug @ approx. 10,000 - 9889', 1/2 in and 1/2 out of the top of the 5" liner @ 9945'. POOH to + 8870'.
3. Spot a 25 sack cement plug @ approx. 8870 - 8735' across the top of the Wolfcamp. POOH.
4. RIH w/rotary bit and casing scrapper on tubing to approx. 5500'. CHC. POOH.
5. Perforate 4 squeeze holes @ approx. 5475'. Pump thru Perfs @ 5475' and if possible establish circulation to surface. RIH w/7" retainer on tubing and set retainer @

(CONTINUED ON REVERSE SIDE)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM, IF ANY, TO BE CONDUCTED IN THE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Elmer Stantz Reg. Opr. Mgr. - Prod. 10-30-84

(This space for State Use)

Original Signed By
Luslie A. Clements
Supervisor District II

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

NOV 5 1984

* 25 SF MIN

14. Install surface production equipment and put well on production.
13. Run 4-pt. test and obtain 72 hr. BHP buildup.
12. RIH w/tubing and packer and set tubing and packer @ approx. 4990'. Swab well in.
11. Recover load and treatment and determine productivity. Release RTTS and POOH.
10. Flow back load and if necessary, RIH w/tubing and RTTS and set RTTS @ 4950'.
w/36,000 gals SFS30 + 72,000 # 20/40 sand + 24,000 # 12/20 sand + 190,000 SCF N₂.
9. Swab test well and if necessary POOH with tubing and RTTS and frac down 7" casing
acidize the Bone Springs Perfs @ 5089 - 5284' w/4000 gals of 8-1/2% NeFe HCL acid.
8. RIH w/tubing and RTTS and set RTTS @ approx. 4950'. Swab test well and if necessary
Total of 38 holes.
7. Perforate the Bone Springs w/2 SPF @ 5089, 90, 96, 5252, 53, 54, 67, 68, 72, 73, 74,
75, 76, 77, 78, 79, 81, 83 and 5284'.
from 5290 - 4990'. POOH.
6. RIH w/2-7/8" OE tubing to PBD @ approx. 5310' and spot 300 gals of 10% acetic acid
POOH. WOC.
er @ + 5375' and dump 10 sacks of cement on top of retainer @ approx 5375 - 5310'.
Class C 50/50 Poz w/2% gel, 3 # salt & 0.5% CFR-2/sack cement. Release from retain-
+ 5375'. Open 9-5/8" casing valve. Squeeze thru Perfs @ 5475' w/450 sacks of

**N 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

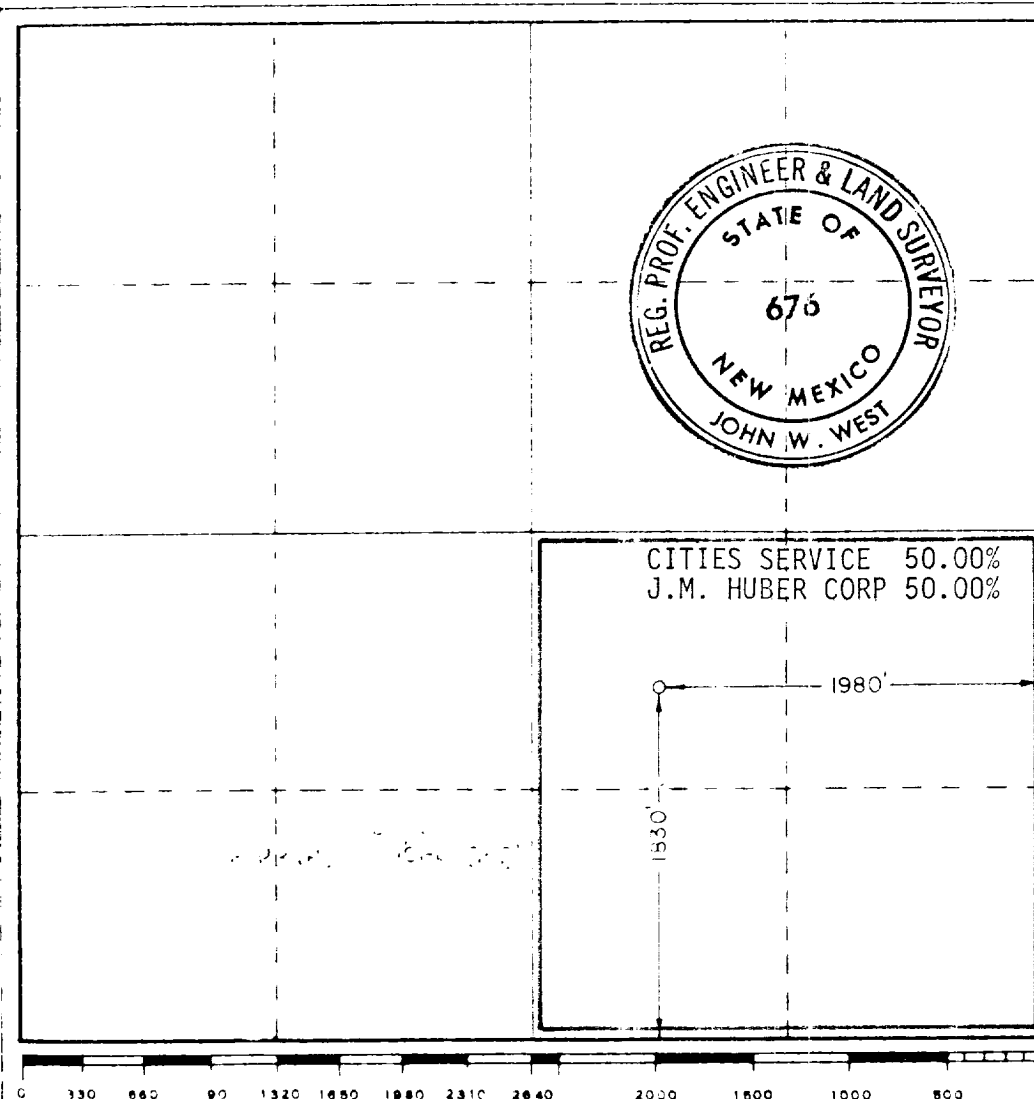
CITIES SERVICE OIL COMPANY			Lease STATE CP COM		Well No. 1
Section J	Section 9	Township 21 SOUTH	Range 27 EAST	County EDDY	
Approximate location of well: 1980 feet from the EAST line and 1830 feet from the SOUTH line					
Ground Level Elev. 3226.8	Producing Formation Bone Springs	Form Undesignated Bone Springs		Dedicated Acreage: 160 Acres	

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

Name Elmer Stutz
Position
Reg. Opr. Mgr. Prod.
Company
Cities Service O&G Corp.
Date
October 30, 1984

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
JANUARY 8, 1974
Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No. 676