

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-2439
7. Unit Agreement Name
8. Farm or Lease Name State CL
9. Well No. 5
10. Field and Pool, or Wildcat Maljamar (G-SA)
12. County Lea
19. Proposed Depth 4900'
19A. Formation Grayburg
20. Rotary or C.T. Completion Unit
21. Elevations (Show whether DF, RT, etc.) 4110' GR
21A. Kind & Status Plug. Bond Required/Approved
21B. Drilling Contractor Unknown
22. Approx. Date Work will start After permit approval

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator Cities Service Oil & Gas Corp.		
3. Address of Operator P.O. Box 1919 - Midland, Texas 79702		
4. Location of Well UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE OF SEC. 2 TWP. 18S RGE. 33E NMPM		
21. Elevations (Show whether DF, RT, etc.) 4110' GR	21A. Kind & Status Plug. Bond Required/Approved	21B. Drilling Contractor Unknown
23.		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	11-3/4"	23.8#	317'	300	Circulated
11"	8-5/8"	24 & 32#	3200'	250	2410'
7-7/8"	4-1/2"	9.5 & 11.6#	8900'	1650	2110'

O.T.D. 8900' Dolomite, OPBTD 8870'. It is proposed to plug off the Abo and test the Grayburg Formation in the following manner:

1. MIRU a pulling unit, POOH with rods and BHP, ND WH, NU BOP, kill well if necessary and POOH w/tubing.
2. RIH w/4-1/2" CIBP on wireline and set CIBP @ \pm 8675'. Dump 3 sacks (20') of cement on top of CIBP @ approx. 8675 - 8645'.
3. RIH w/OE'd 2-7/8" tubing and circulate hole w/mud laden fluid. POOH to \pm 6940' and spot a 7 sack (100') cement plug @ approx. 6940 - 6840', across the top of the Glorieta. POOH to \pm 6800' and WOC. Circulate hole w/2% KCl water and test casing to 1000#. POOH w/tubing.
4. Perforate the Grayburg Formation w/2 SPF @ 4715, 17, 19, 20, 35, 41, 45, 79, 98, 4806, 08, 13, 51, 54, 56, 62 and 4863'. Total of 34 holes.
5. RIH w/RTTS on tubing and set RTTS @ \pm 4870'. Acidize Grayburg Perfs @ 4715 - 4863' w/3000 gals 15% NeFe HCl acid. Recover load & treatment and swab (continued on reverse side)

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Elmer Startz Title Region Operations Mgr. - Prod. Date 9-17-86

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

DATE **SEP 19 1986**

RECEIVED
SEP 18 1986
C.C.D.
HOBBS OFFICE

- test and if necessary Frac the Grayburg Perts @ 4715 - 4863 w/40,000 gals Wide-frac 130 + 8000# 20/40 sand + 35,000# 12/20 sand. Swab well until well cleans up.
6. Release RTTS and POOH w/RTTS and tubing. RIH w/2-7/8" tubing and set tubing @ + 4620'. ND BOP, NU WH, run rods and BHP and put well on the pump.
7. Start well to pumping and obtain a NMOC potential test.

NEW 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

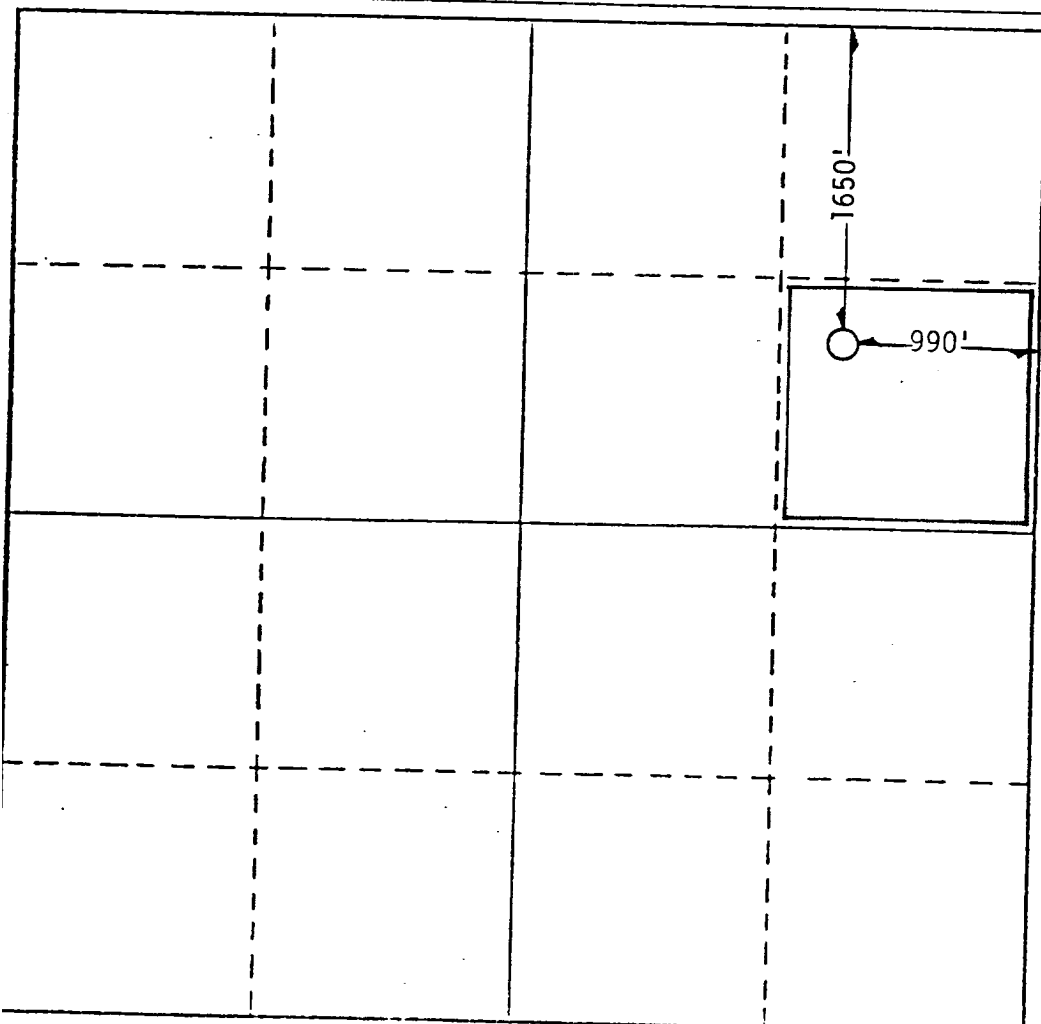
Operator Cities Service Oil & Gas Corp.			Lease State CL		Well No. 5
Unit Letter H	Section 2	Township 18S	Range 33E	County Lea	
Actual Footage Location of Well: 1650 feet from the North line and 990 feet from the East line					
Ground Level Elev. 4110'GR	Producing Formation Grayburg		Pool Maljamar (G-SA)		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Elmer Startz
Name

Elmer Startz

Position

Reg. Opr. Mgr. - Prod.

Company

Cities Service O&G Corp.

Date

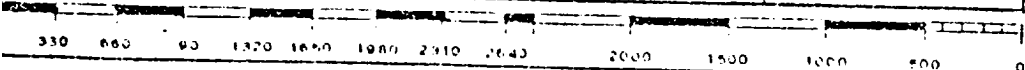
September 17, 1986

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.



RECEIVED
SEP 18 1986
C.C.P.
HOBBS OFFICE