

DISTRIBUTION
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FILE
U.S.G.S.
LAND OFFICE
OPERATOR

# NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> WATER <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name <b>Fowler</b>
2. Name of Operator <b>Cities Service Oil Company</b>		9. Well No. <b>9</b>
3. Address of Operator <b>Box 1919 - Midland, Texas 79701</b>		10. Field and Pool, or Wildcat <b>Hobbs (G-SA)</b>
1. Location of Well UNIT LETTER <b>A</b> LOCATED <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>31</b> TWP. <b>18S</b> R. <b>38E</b> N.M.P.M.		11. County <b>Lea</b>
14. Proposed Depth <b>--</b>		15A. Formation <b>Grayburg</b>
15B. Drilling Contractor <b>--</b>		16. Completion Unit <b>Completion Unit</b>
21A. Kind & Status Plug. Bond <b>--</b>		22. Approx. Date Work will start <b>June 1, 1974</b>

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

O.T.D. 6260' Lime PBD 4163'. It is proposed to plug back and test the Grayburg Formation as follows:

1. MIRU Pulling Unit and pull the rods and tubing.
2. Set a RBP @ 4035' and dump 1 sx. of sand of top of the BP.
3. Perforate the Grayburg w/2-0.41" holes each @ 3909', 3925', 3941', 3957', 3959' 4017' and 4020'.
4. Run tubing with a packer @ 3890' and if a good show of oil is found, acidize and test.
5. Run rods and put well on pump and test.

If oil of commercial quantity if found in the Grayburg the RBP will be recovered and both the Grayburg and San Andres zones will be produced together. If the Grayburg zone is found to be non-commercial it will be squeezed off and the well will be put back to producing from the San Andres zone only as it is now.

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

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

Signature: *E. Smith* Title: **Region Operation Manager** Date: **May 24, 1974**

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APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: