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NEW MEXICO OIL CONSERVATION COMMISSION

MAR 04 1981

O. C. D.  
ARTESIA OFFICE

30-015-21399

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil &amp; Gas Lease No.

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

1a. Type of Work Re-enter <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Unit Agreement Name		
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole			8. Farm or Lease Name Tracy C Com		
2. Name of Operator Cities Service Company			9. Well No. 1		
3. Address of Operator Box 1919, Midland, TX 79702			10. Field and Pool, or Wildcat Und. Morrow		
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>21S</u> RGE. <u>27E</u> NMPM			12. County Eddy		
19. Proposed Depth OTD 11,725'			19A. Formation Morrow		20. Rotary or C.T. Rotary
21. Elevations (show whether DT, RL, etc.) 3150' GR		21A. Kind & Status Plug. Bond Required/Approved	21B. Drilling Contractor Warton Drlg.		22. Approx. Date Work will start April 1, 1981

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP 10'
(SEE MORROW COMPLETION DATA)					

O.T.D. 11,725' Shale. Plugged and abandoned on 4/28/75. It is proposed to reenter this well and test the Morrow formation in the following manner:

MIRU rotary tools NU BOP and fill portable pits with brine water. Drill out surface plug @ 0- 58', cement plug ½ in and ½ out of 9-5/8" csg. Shoe @ 2950 - 3050', cement plugs across the tops of the Bone Springs @ 5025 - 5125', 6250 - 6350' and 7000 - 7100', cement plug across the top of Wolfcamp @ 8675 - 8775', cement plug across top of Canyon 9350 - 9450', cement plug across top of Strawn @ 10,000 - 10,100' and the cement plug across the top of Morrow @ 11,000 - 11,100'. Displace the hole with mud laden fluid and CO to O.T.D. 11,725'. Run and set 5½" csg @ 11,725' and cement w/800 sacks of Class H w/0.75% CFR-2/sx + 5# KCL/sx cement. MIRU pulling unit and CO to P.B.T.D. 11,450'. Perforate the Morrow formation w/1SPF @ 11,299, 11,300, 11,301, 11,302, 11,303, 11,361, 11,364, 11,367, 11,369, 11,370, 11,371, 11,372, 11,374, 11,375, and 11,377'. Run 2-7/8" OD

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA OF PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY. (CONTINUED ON BACK SIDE)

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

Signed E. Fielder Title Region Operations Manager Date March 3, 1981

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE MAR 09 1981

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 9-9-81  
UNLESS DRILLING UNDERWAY

tubing with packer set @ 11,150'. Test well natural and if necessary acidize the Morrow perfs 11,299 - 11,377' w/4,500 Gals 7½% MS acid + 1,000 SCF N<sub>2</sub>/Bbl. Recover load and retest well and if necessary frac Morrow perfs 11,299 - 11,377' w/45,000 Gals MS Gel + 41,000 # Sand. Recover load and retest well. If economical, run 4-point test, obtain 72 Hr SI BHP, install surface production equipment and put well on production.