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NEW MEXICO OIL CONSERVATION COMMISSION  
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**MAR 29 1983**  
**MAR 30 1983**  
**O. C. D.**  
**ARTESIA, OFFICE**

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
 STATE ☐ FEE ☒  
 5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator CITIES SERVICE COMPANY		8. Farm or Lease Name Brantley A (Conn)
3. Address of Operator P. O. Box 1919 - Midland, Texas 79702		9. Well No. 1
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 7 TWP. 23S RGE. 28E NMPM		10. Field and Pool, or Wildcat Loving, N. (Morrow)
		12. County Eddy
19. Proposed Depth		19A. Formation Atoka
20. Rotary or C.T.		
21. Elevations (show whether DE, RT, etc.) 3039' GR	21A. Kind & Status Plug. Bond	21B. Drilling Contractor
		22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

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

OTD 12,545', Shale OPBTD 12,100'. It is proposed to plug and abandon the Morrow Zone (12049-12077' and recompleate in the Atoka formation in the following manner:

1. MIRU PU. Kill well w/2% KCL FW. ND tree & NU BOP. POOH w/tbg. & pkr.
2. RIH w/bit, csg. scraper & tbg. & CO to approximately 11,800'. CHC. Pull tbg. to approximately 11,375' & spot 100 gals. 10% Acetic acid 11,250-375'. POOH.
3. RU WL. RIH w/CIBP & set @ approximately 11,700'. Dump 4 sx cmt. on top of CIBP. POOH.
4. RIH w/DB pkr. and set @ approximately 11, 180'.
5. RIH w/seal assembly and test tbg. to 8000 psi. Sting into pkr. @ approximately 11,180'. Open csg. valve and press tbg. to 2000#. Rel. press & close valve. ND BOP and NU WH.
6. RU and perf. Atoka through tbg. w/4 SPF & a 1-9/16" tbg. gun @ the following intervals:

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Elmer Stutz Title REGION OPERATIONS MGR.-PROD. Date 3-24-83

(This space for State Use)

Original Signed By  
 Leslie A. Clements  
 Supervisor District II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APR 04 1983

CONDITIONS OF APPROVAL, IF ANY:

SEE REVERSE SIDE

- 11,304-306-308-310-343-345 and 11346'. Total of 28 holes w/.27" dia. POOH.
7. Open well & test natural.
  8. If necessary, acidize Atoka lerts. (11304-11346').
  9. Rec. load and retest well.
  0. Run 4-pt. Put well on production.