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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 10226

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Cities Service Oil Company	8. Farm or Lease Name State P
3. Address of Operator Box 1919 - Midland, Texas 79701	9. Well No. 4
4. Location of Well UNIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM West 32 TOWNSHIP 22S RANGE 38E NMPM.	10. Field and Pool, or Wildcat Undesignated Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3364' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER Well completion data <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

T.D. 7937' Lime PBTD 7622'. Well Complete. MIRU completion unit and drilled out to 7932' and spotted 250 gals acid @ 7932' - 7655'. Perforated the Ellenburger formation w/2-0.41" holes each @ 7746', 7751', 7756', 7760', 7826', 7836', 7842', 7847', 7856', 7861', 7864', 7870', 7874', 7880', 7886', 7888', 7893', 7899', 7908', 7917' and 7922'. Ran 2-3/8" tubing with a packer set @ 7645'. Displaced 250 gals Acetic acid into Ellenburger Perfs @ 3 B/M @ 3000#. Acidized thru Ellenburger Perfs 7746' - 7922' w/3000 gals Unisol 15% + 60 ball sealers. Max. Press. 3100#, Min. Press. 2500#, AIR 2.5 B/M, ISIP 2100#, 15 min. SIP 1200#. 12 Hr. SITP 100#. Swabbed 0 BO + 47 BW/6 Hrs. Pulled tubing and packer set @ 7645'. Set a retainer @ 7622' and squeezed Ellenburger Perfs 7746' - 7922' w/100 sacks Class C w/0.3% CFR-2 and 3# salt/sack cement. Squeezed 70 sacks into Ellenburger zone @ Max. Press. 3000#, left 15 sacks below retainer and 1 sack above the retainer and reversed out 14 sacks. Pulled tubing and Perforated the Abo formation w/2-0.41" holes each @ 6916', 6923', 6931', 6933', 6945', 6949', 6951', 6958', 6960', 6962', 6968', 6988', 7054', 7060', 7093', 7102', 7112', 7199', 7203', 7258', 7287', 7296', 7305', 7314', 7353', 7363', 7396', 7420', 7433' and 7437'. Ran tubing and set a RBP @ 7467' and a RTTS tool set @ 7219'. Acidized thru Abo Perfs 7258' - 7437' w/2000 gals 15% NE acid w/44 ball sealers. Max. Press. 5500#, Min. Press. 2200#, AIR 3.8 B/M, ISIP 1650#, 15 min. SIP 1100#. Pulled RBP set @ 7467' and re-set RBP @ 7229' and a RTTS tool set @ 6800'. Acidized thru Abo Perfs 6916' - 7203' w/4000 gals 15% NE acid + 99 ball sealers. Max. Press. 4800#(balled out), Min. Press. 3000#, AIR 2.3 B/M, ISIP 2300#.

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

SIGNED George Davis TITLE Region Petroleum Engineer DATE December 4, 1974

APPROVED BY Joe D. Davis TITLE Dist. Eng. DATE DEC 10 1974
CONDITIONS OF APPROVAL, IF ANY:

Cities Service Oil Co. #4 State P-continued

20 min. SIP 1200#. Swabbed and flowed 35 BO + 22 BFW/14 Hrs. thru 20/64" choke. FTP 0 - 100#. Pulled tubing and RBP set @ 7229'. Fraced thru all Abo Perfs 6916' - 7437' w/50,000 gals gelled brine water + 50,000# 20-40 sand + 1250# Benzoic acid flakes and 1250# rock salt in 2 stages. Max. Press. 3900#, Min. Press. 2800#, AIR 32.7 B/M, ISIP 3800#, 10 min. SIP 2000#. Swabbed and flowed 28 BO + 282 BLW/19 hrs. and died. Cleaned out to FBTD 7622'. Ran and set 2-3/8" OD tubing @ 6894' with a Baker loc-set packer @ 6872'. Swabbed 29 BO + 87 BLW/24 Hrs. Ran rods and put well on the pump. Pumped on potential 62 BO + 28 BW/24 Hrs. GOR 300 Grav. 38.2°. Well was completed on 12-2-74.