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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Cities Service Oil Company		8. Farm or Lease Name State M
3. Address of Operator Box 69, Hobbs, New Mexico 88240		9. Well No. 2
4. Location of Well UNIT LETTER L , 1980 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 36 TOWNSHIP 21 RANGE 36 NMPM.		10. Field and Pool, or Wildcat Arrowhead - Grayburg
15. Elevation (Show whether DF, RT, GR, etc.) 3555 GR		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input 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.

Remedial work was performed on the above well as follows:

TD 3852, PBD 3802 workover complete. Well was shut in prior to workover. Could not squeeze perforations 3805-31 due to casing leak, rigged up to repair leak 345-510' w/ braden head squeeze. Pumped into formation @ 1 B/M @ 1000 psi, mixed and pumped 150 sx Class C, displaced 124 sx in formation. WOC 24 hours. Drilled 230' cement inside 5 1/2" casing 265-495', fell thru cement and washed out to 600'. Closed rams and tested cement job. Mixed and pumped 200 sx Class C cement into formation at 1 3/4 B/M @ 1000 psi, displaced 170 sx in formation @ max press. 1000 psi, top of cement plug 250' from surface. WOC 24 hours. Drid. cement 347-435', pressured csg to 800 psi for 30 min. with no drop in pressure. Set RTTS @ 3590', mixed and pumped into formation @ 4 B/M @ 2000 psi 50 sx Class C w/0.3% Halad 9, followed by 50 sx Class C w/3 lbs. salt and 5 lbs. sand/sx. Squeezed to 4000 psi w/96 sx below tool, reversed out 4 sx. WOC 24 hours. Squeezed off perforations 3676-832'. Drid. cement out of 5 1/2" csg 3591-676', drid. cement out of 4" liner 3676-3820'. Jet perforated 8-1/2" holes 3808-812'. Acidized w/450 gals. 15% acid, max. 4000 psi, min 1150 psi. Treated @ 1 B/M @ 1150 psi, ISIP 1000 psi, 5 min. SIP 100 psi. Squeezed perforations 3808-812, PIF @ 6 B/M @ 1600 psi; 30 sx Class C w/3% Halad 9 followed by 30 sx Class C w/5 lbs. sand and 3 lbs. salt per sx, displaced 50 sx below tool @ 4000 psi, reversed out 10 sx. WOC 24 hrs.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief. (continued on Page 2)

SIGNED <u>ORIGINAL SIGNED</u> <u>G. D. ROBERTSON</u>	TITLE <u>District Admin. Supervisor</u>	DATE <u>12-19-69</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>DISTRICT</u>	DATE <u>DEC 22 1969</u>
CONDITIONS OF APPROVAL, IF ANY:		