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**RECEIVED**  
NEW MEXICO OIL CONSERVATION COMMISSION  
OCT 8 1971

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

**O. C. C.**  
**ARTESIA, OFFICE**

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" 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. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator <b>CITIES SERVICE OIL COMPANY</b>		8. Farm or Lease Name <b>Merland "A" Com.</b>	
3. Address of Operator <b>P.O. Box 69, Hobbs, New Mexico 88240</b>		9. Well No. <b>1</b>	
4. Location of Well UNIT LETTER <b>0</b> , <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>1400</b> FEET FROM THE <b>East</b> LINE, SECTION <b>19</b> TOWNSHIP <b>22S</b> RANGE <b>27E</b> NMPM.		10. Field and Pool, or Wildcat <b>S. Carlsbad Morrow Undes.</b>	
15. Elevation (Show whether DF, RT, GR, etc.) <b>3161 GR</b>		12. County <b>Eddy</b>	

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	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. 11750 Shale. PBTD 11700 Well Complete. Ran 65 Jts (2011.62') 5½" OD 20# N-80 and 305 Jts (9720.43') 5½" OD 17# N-80 Casing. Set and cemented @ 11749 W/1000 sacks Class H W/ 3/4% CFR-2 and 8# salt per sack cement. Plug down @ 5:20 A.M. on 8-29-71. Ran temp. survey. Top of cement @ 7470. WOC 72 hrs. Tested 5½" casing with 1000 psi for 30 minutes with no drop in pressure. DO to 11700'. Ran tubing with a Model D Packer set @ 11240. Perforated W/1-0.21" hole each @ 11318, 11320, 11332, 11366, 11367, 11379, 11381, 11383, 11397, 11399, 11448, 11454, 11460, 11476, 11562, 11563, 11591, 11595, 11653, and 11654. Acidized thru perfs (11318-11654) W/2500 gals Super Mud Acid mixed with 25% Isopropyl Alcohol W/25 ball sealers + 800 gals 10% HCL + 1700 gals 5% HCL containing Clay Stabilizing Agents. Max Press. 5000 psi, AIR 2.2 B/M, ISIP 2500 Psi, 10 min SIP 1000 psi. Flowed 1.275 MMCF + 5 BLW/24 hrs thru 3/4" choke, FTP 100 psi. Ran differential temp survey and found only 9 of the 20 perforations to be open. Reperforated W/1-0.21" hole each @ 11332, 11366, 11367, 11414, 11417, 11448, 11476, 11562, 11563, 11591, 11595, 11653, and 11654. Flowed @ rate of 1.267 MMCFD + 2 BLW thru 24/64" choke, FTP 700 psi. Re-acidized thru perfs (11318-11654) W/2000 gals gelled 2% KCL water pad followed by 15000 gals Super Mud Acid followed by 2000 gals 10% HCL followed by 3000 gals 5% HCL containing Clay Stabilizing Agent. (All of above materials mixed with 15% Isopropyl). Max treating press 7200 psi, AIR 4.4 B/M, ISIP 2800 psi, 10 min SIP 2300 psi, 20 min SIP 2000 psi.

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

SIGNED W. D. ROBERTSON TITLE Dist. Admin. Supervisor DATE Oct. 6, 1971

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE OCT 8 1971

CONDITIONS OF APPROVAL, IF ANY: