

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

|                        |  |
|------------------------|--|
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|  |
|--|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>E-6515   |

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.)

|   |
|---|
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-  |
| Name of Operator<br>ARCO Oil and Gas Company, Division of Atlantic Richfield Company  |
| Address of Operator<br>P.O. Box 5540, Denver, Colorado 80217  |
| Location of Well<br>UNIT LETTER <u>B</u> <u>512</u> FEET FROM THE <u>North</u> LINE AND <u>2080</u> FEET FROM<br>THE <u>East</u> LINE, SECTION <u>16</u> TOWNSHIP <u>29N</u> RANGE <u>10W</u> NMPM. |

|   |
|---|
| 7. Unit Agreement Name                                |
| 8. Farm or Lease Name<br>ARCO State                   |
| 9. Well No.<br>101                                    |
| 10. Field and Pool, or Wildcat<br>Undesignated Gallup |
| 12. County<br>San Juan                                |

11. Elevation (Show whether DF, RT, GR, etc.)  
5658' GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|   |   |   |   |
|---|---|---|---|
| FORM 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 OPER. <input type="checkbox"/>    | PLUG AND ABANDONMENT <input type="checkbox"/>                     |
| REPAIR OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <u>N.O. PERM, ACIDIZE AND FRAC</u> <input type="checkbox"/> |

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1702.

MI & RU Farmington Well Service 7-23-83. RIH with bit and scraper. Tag cement @ 3345'. Drill cement and circ hole clean. Ran CBL. Perf'd Gallup 5916'-6056' with 1 perf/4' ft = 36 shots. Spotted 250 gals 7-1/2% HCL with inhibitor, fines suspend agent, anti-sludge agent and non-emulsifier. Acidized perfs 5916'-6056' with 1500 gals 7-1/2% HCL and additives as above. Dropped 3 balls each 2 bbls (54 balls). Foam frac using 451 bbls gelled KCL water, 1,348,944 SCF N<sub>2</sub> + 64,450# 20/40 sand. Tag sand @ 6016'. Set RBP @ 5896'. Dump 5 gal 20/40 sand on top of BP. Perf'd Upper and Middle Gallup with 1 hole per 8' from 5556'-5876' - 320' perfs with 41 holes. Spotted 350 gals 7-1/2% HCL with inhibitor, fines suspend agent, anti-sludging agent and non-emulsifier. Acidized with 2500 gals 7-1/2% HCL with additives as above. Dropped 1 ball ea bbl (62 balls). Foam frac using 934 bbls sand and gel, 2,339,400 SCF N<sub>2</sub> and 145,434# 20/40 sand. CO sand to BP @ 5896' and release BP. Circ out sand to PBTD @ 6074'. Landed tubing. Swabbed and flowed for clean-up. SI and release Completion Unit 8-8-83. Flowed well to separator. RU Pulling Unit. Killwell. POH with tubing. Ran 2-3/8" tubing and set @ 5307' KB. NU wellhead. Flowing to stabilize.

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

SIGNED WA Walther, Jr. TITLE Operations Manager DATE 9-6-83  
Original Signed by FRANK T. HAVELZ SUPERVISOR DISTRICT # 3 DATE SEP 12 1983