| Form 3160<br>(June 1990) DEPARTMI<br>BUREAU OF L  | or reenty to a different reservoir. Use APPLICATION   | FORM APPROVED<br>Budget Burpau No. 1004-0135<br>Expires: March 31, 1993<br>5. Lease Designation and Serial No.<br>SF-078764<br>6. If Indian, Allottee or Tribe Name  |  |  |
|---|---|--|--|--|
| SUBMIT IN T   |   | 7. K Unit or CA, Agreement Designation<br>ROSA UNIT  |  |  |
| 1. Type of Well<br>□ Oil Well ■ Gas Well  |   | Well Name and No.<br>ROSA UNIT #223  |  |  |
| 2. Name of Operator<br>WILLIAMS PRODUCTION COMPANY  | AUG 3 1 1938  | API Well No.<br>30-039-24425   |  |  |
| <ol> <li>Address and Telephone No.</li> <li>PO BOX 3102 MS 37-4, TULSA, OK 74101</li> </ol>   | (918) 588-4592 · DIGT O   | Field and Pool, or Exploratory Area<br>BASIN FRUITLAND COAL  |  |  |
| <ul> <li>Location of Well (Footage, Sec., T., R., M., or Survey Description)</li> <li>1215' FNL &amp; 1185' FEL, NE/4 NE/4, SEC 30 T31N R5W</li> </ul>  |   | 11. County or Parish, State<br>RIO ARRIBA, NM  |  |  |
| CHECK APPROPRIA   | TE BOX(s) TO INDICATE NATURE OF NOTICE, REF   | PORT, OR OTHER DATA  |  |  |
| TYPE OF SUBMISSION  | TYPE OF SUBMISSION TYPE (   |  |  |  |
| <ul> <li>Notice of Intent</li> <li>Subsequent Report</li> <li>Final Abandonment</li> </ul>  | <ul> <li>Abandonment</li> <li>Recompletion</li> <li>Plugging Back</li> <li>Casing Repair</li> <li>Altering Casing</li> <li>Other <u>Cavitation</u></li> </ul> | <ul> <li>Change of Plans</li> <li>New Construction</li> <li>Non-Routine Fracturing</li> <li>Water Shut-Off</li> <li>Conversion to Injection</li> <li>Dispose Water</li> <li>(Note: Report results of multiple completion<br/>on Well Completion or Recompletion Report<br/>and Log form.)</li> </ul> |  |  |
| 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* |   |  |  |  |
| 7-16-1998 MI RU, NU, test BOP stack, pull and LD 2 3/8" tubing, 30 jts tubing plugged with coal, had pressure trapped between plugs, RU to PU DC's and DP, PU hole opener, 8 DC's and DP, start in hole   |   |  |  |  |
|   | reamer. TIH and tagged fill in csg. Could not wash thr  | rough with under reamer in cg. COOH. TIH with 6-1/4" bit.<br>ough without arms opening on under reams. COH. TIH  |  |  |
| 7-18-1998 CO bridges and CO to TD, circ well, short trip to check for fill, no fill, COOH to PU under reamer, TIH, under ream from 3047' to 3206', COOH, LD under reamer, TIH w/ 6 1/4" bit, unload hole and CO @ TD-3206', returns-lite 1/8" coal to fines in gray wtr   |   |  |  |  |
|   | i flow test through ¼" choke, (avg = 131 MCF/d). Surge<br>e ¼" coal to fines in black to gray water. Dry well. Flow   | well 11 times to 1800#. CO to TD with 1800 scf air and 5   |  |  |

<u>7-20-1998</u> Surge well 13 times to 1750#, returns = coal fines in black water. TIH and tagged @ 3042. CO to 3132', returns = heavy  $4^{\circ}$  coal to fines in black water. Hole got tight. LD 1 jt DP. CO 3071' to 3194', returns = med  $4^{\circ}$  coal to fines in gray water. Hole got tight. LD 1 jts DP. CO 3132' to 3163, Returns = med to lite  $4^{\circ}$  coal to fines in gray water. Made connection. Plugged bit.

|     |  | Continued on Reversed Side        |   |
|-----|--|-----------------------------------|---|
| 14. | I hereby certify that the foregoing is true and correct  |                                   |   |
|     | Signed SUSAN GRIGUHN   | Title <u>CLERK</u>                | Date August 14, 1998  |
|     | (This space for Federal or State office use)   |                                   |   |
|     | Approved by  | Title                             | INCEPTED FOR RECORD   |
|     | Conditions of approval, if any:  |                                   | AUG 2 7 1998  |
|     | BU.S.C. Section 1001, makes it a crime for any person knowingly<br>ents or representations as to any matter within its jurisdiction. | y and willfully to make to any de | partment or agency of the United States any false, fictitious or fraudulent |
|     |  |                                   | FARMINGTON DISTRICT OFFIC   |
|     |  |                                   |   |

NMOGD

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## ROSA UNIT #223 FRUITLAND COAL



Total Depth @ 3206'