5. LEASE

## UNITED STATES DEPARTMENT OF THE INTERIOR

| DEPARTMENT OF THE INTERIOR /  | Jicarilla Apache 102   |
|---|--|
| GEOLOGICAL SURVEY   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                         |
|   | Jicarilla Apache Tribe                                       |
| SUNDRY NOTICES AND REPORTS ON WELLS   | 7. UNIT AGREEMENT NAME                                       |
| Do not use this form for proposals to drill or to deepen or plug back to a different  |  |
| eservoir. Use Form 9–331–C for such proposals.)   | 8. FARM OR LEASE NAME  |
| 1. oil gas X other  | Jicarilla Apache 102   |
| Well — Well Other   | 9. WELL NO.  |
| 2. NAME OF OPERATOR   | 5A   |
| Amoco Production Company  | 10. FIELD OR WILDCAT NAME                                    |
| 3. ADDRESS OF OPERATOR  501 Airport Drive Farmington N.M. 87/01   | Blanco Mesaverde 11. SEC., T., R., M., OR BLK. AND SURVEY OR |
| 501 Airport Drive, Farmington, N.M. 87401 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17  | AREA   |
| below.)   | SE/SE, Section 4, T26N, R4W                                  |
| AT SURFACE: 1120' FSL x 790' FEL  | 12. COUNTY OR PARISH 13. STATE                               |
| AT TOP PROD. INTERVAL: same   | Rio Arriba N.M.  |
| AT TOTAL DEPTH: same  | 14. API NO.  |
| 6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,  | 30-039-23197   |
| REPORT, OR OTHER DATA   | 15. ELEVATIONS (SHOW DF, KDB, AND WD)                        |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  | 6963' GL   |
| TEST WATER SHUT-OFF   |  |
| RACTURE TREAT   |  |
| SHOOT OR ACIDIZE  | FCEIVE   |
| REPAIR WELL BECL  | (NOTE: Reporting sults of multiple completion of gorde       |
| TOLL OR ALTER CASING  | change on Form 9–33(1)                                       |
| CHANGE ZONES $\square$  | 1 6 1983 113 NOV 2 1 1983                                    |
|   | IND MANAGEMENT, CON DIV.                                     |
| other) completion FARMINGTON  | RESOURCE ARKAND LOVE   |
| 17. 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 di<br>measured and true vertical depths for all markers and zones pertinent        | rectionally drilled, give subsurface locations and           |
| Moved in and rigged up the commission with an   | t to this work.)* -27-83                                     |
| Moved in and rigged up the service unit on 9-27-83. The total depth of the well is 6088' and the plugback depth is 6036'. Pressure tested the produc- |  |
| tion casing to 3800 psi. Perforated the following intervals: 5400'-5404',   |  |
| 5416'-5436', 5448'-5494', 5500'-5508', 5866'-5906', 5920'-5930', 5942'-5952'  |  |
| $2 \text{ isnf.}$ $33^{11} \text{ in diameter for a total of } 276 \text{ h}$   | -3300 , 3320 -3330 , 3942'-3952'                             |
| 2 jspf, .33" in diameter for a total of 276 holes. Fraced interval 5952'-5866' with 50,000 gals. of 20# gelled water with 2% KCl containing 1 gal.    |  |
| surfactant per 1000 gals. and 88,000# of sand   |  |
| with 67,500 gals. of 20# gelled water with 2%   |  |
| tant per 1000 gals. and 120,000# of sand. La  |  |
| and released the service unit on 10-5-83.   | inded 2.3/3 Lubing at 3903                                   |
| and rereased the service unit on 10-5-03.   |  |
|   |  |
|   |  |
| Subsurface Safety Valve: Manu. and Type   | Sat @ E+   |
|   |  |
| 8. I hereby certify that the foregoing is true and correct District Admin   | nistrative   |
| IGNED Original Signal By TITLE Supervisor   | DATE 11-15-83  |
|   |  |
| (This space for Federal or State office   |  |
| PPROVED BY TITLE ONDITIONS OF APPROVAL, IF ANY:   | DATE   |
| S. S. S. ALLINGTAS, II AIT.   |  |
|   | ACCEPTED FOR RECORD  |
|   |  |
| *See Instructions on Reverse S  | NOV 1 8 1983   |
|   | HOA TO 1909  |

FARMINGTURI RESUUNCE AREA BY Smn