5. LEASE

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

| DEPARTMENT OF THE INTERIOR   | Jicarilla Apache 102   |
|--|--|
| GEOLOGICAL SURVEY  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME   |
|  |  |
| 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 differenceservoir. Use Form 9–331–C for such proposals.)   | nt   |
| reservoir. Use Form 9-331-C for such proposals.)   | O. I ARM OR LEASE MAME   |
| 1. oil gas well other  | Jicarilla Apache 102   |
| well well tother   | 9. WELL NO.  |
| 2. NAME OF OPERATOR  | 14E  |
| Amoco Production Company   | 10. FIELD OR WILDCAT NAME  |
| 3. ADDRESS OF OPERATOR   | BS Mesa Gallup/Basin Dakota  |
| 501 Airport Drive, Farmington, NM 87401  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR  |
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 1  | 7 AREA 新香香 表面的   |
| below.)  | SW/4, SW/4, Section 9, T26N, R4W   |
| AT SURFACE: 1110' FSL x 800' FWL   | 12. COUNTY OR PARISH 13. STATE   |
| AT TOTAL PERTIN  | Rio Arriba NM  |
| AT TOTAL DEPTH: Same   | 14. API NO.  |
| 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE   | 30-039-22457   |
| REPORT, OR OTHER DATA  | 15. ELEVATIONS (SHOW DF, KDB, AND WD)  |
|  | 7123' GL   |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:   | 7.145 01   |
| TEST WATER SHUT-OFF  |  |
| FRACTURE TREAT   |  |
| SHOOT OR ACIDIZE   REPAIR WELL   T   |  |
| PULL OR ALTER CASING   | (NOTE: Report results of multiple completion or solve change on Form 9–390)  |
| MULTIPLE COMPLETE  | change on-Form 9-380)  |
| CHANGE ZONES   | A Constitution of the second s |
| ABANDON*   | 1 0/0 0  |
| (other) Spud & Set Casing  |  |
| including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertin Spudded a 12-1/4" hole on 8-25-80 and drilled casing at 320' on 8-26-80 and cemented with 3 ing 2% CaCl <sub>2</sub> . Good cement was circulated to to a depth of 4100'. Set 7", 23.0% intermediand cemented with 460 sx of class "B" cement Medium tuf plug per sx, and .8% fluid loss ad sx of class "B" Neat cement. Good cement was a 6-1/2" hole to a TD of 8274'. Set 4-1/2" p and cemented with 430 sx of class "B" cement 2% Medium tuf plug per sx, and .8% fluid loss 220 sx of class "B" Neat cement. No cement was 220 sx of class "B" Neat cement. No cement was 220 sx of class "B" Neat cement. No cement was 250 sx of class "B" Neat cement. | ent to this work.)*  I to 321'. Set 9-5/8", 32.3# surface 315 sx of class "B" Neat cement contathe surface. Drilled a 8-3/4" hole ate casing on 8-31-80 at 4100' containing 50:50 Poz, 6% gel, 2# ditive. This was tailed in with 100 scirculated to the surface. Drilled production casing at 8274' on 9-7-80 containing 50:50 Poz, 6% gel, additive. This was tailed in with was circulated to the surface.  |
| 18. I hereby certify that the foregoing is true and correct  |  |
| Original Signad 87  SIGNED E SYCACA TITLE DIST. Adm. S   | Supvr. DATE 9-12-80  |
|  |  |
| (This space for Federal or State of  | office use)  |
| APPROVED BY TITLE  | DATE RECEIVED  |
| CONDITIONS OF APPROVAL, IF ANY:  | 1 1 1  |
| 5EF 2 3 1980   | I SEPITE RES   |
|  |  |
| . PARMINGTO'V DISCHOL  | U. S. GEOLOGICAL SURVEY  |
| *See Instructions on Reverse   | e Side U. S. GIAMMGTON, N. M.  |