5. LEASE

## UNITED STATES

| DEPARTMENT OF THE INTERIOR   | Jicarilla Contract #111                              |
|--|--|
| GEOLOGICAL SURVEY  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                 |
|  | Jicarilla  |
| SUNDRY NOTICES AND REPORTS ON WELLS  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.)                            | 7. UNIT AGREEMENT NAME                               |
| eservoir. Use Fo'm 9-331-C for such proposals.)  | 8. FARM OR LEASE NAME                                |
| 1. oil K gas other other   | Jicarilla  9. WELL NO.                               |
| 2. NAME OF OPERATOR ARCO Oil and Gas Company   | 108  |
| Division of Atlantic Richfield Company   | 10. FIELD OR WILDCAT NAME                            |
| 3. ADDRESS OF OPERATOR Suite 501 Lincoln Tower   | W.Lindrith Gallup/Dakota                             |
| 860 Lincoln Street, Denver, Colorado 80295   | 11. SEC., T., R., M., OR BLK. AND SURVEY OR          |
| 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)   | AREA 7-24N-4W  |
| AT SURFACE: 2150' FSL & 1600' FWL (NE SW) AT TOP PROD. INTERVAL:   | 12. COUNTY OR PARISH 13. STATE                       |
| AT TOTAL DEPTH: Approx. the same   | Rio Arriba New Mexico                                |
|  | 14. API NO.  |
| 6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,<br>REPORT, OR OTHER DATA  | 30-039-22104   |
| REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:   | 15. ELEVATIONS (SHOW DF, KDB, AND WD) 6742' GL       |
| TEST WATER SHUT-OFF  | 3 3  |
| RACTURE TREAT  |  |
| SHOOT OR ACIDIZE   | 그 그 그 그는 그 사람들이 그렇다. 하는 그 그                          |
| REPAIR WELL  | (NOTE: Report results of multiple completion or zone |
| PULL OR ALTER CASING   | change on Form 9-330.)                               |
| MULTIPLE COMPLETE  |  |
| CHANGE ZONES   |  |
| other) N.O. spud and setting surface casing  |  |
|  |  |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner | lirectionally drilled, give subsurface locations and |
|  |  |
|  |  |
| MIRU. Spud 9:00 p.m. 10-2-79. Ran 9 jts.   | 8-5/8" 24#, K-55, ST&C (329')                        |
| casing and landed @ 323' KB. Cemented with   |  |
| 1/4# flocele/sk. P.D. 6:00 a.m. 10-3-79.   | Tested blind rams and pipe                           |
| rams to 1000# for 30 minutes, held OK.   |  |
|  |  |
| Drilling ahead.  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| - · · · · · · · · · · · · · · · · · · ·  |  |
| Subsurface Safety Valve: Manu. and Type  | Set @Ft  |
| 18. I hereby certify that the foregoing is true and correct Operation  |  |
| SIGNED W. A. Walthere Jr. TITLE Manager  | DATE 10-4-79   |
| (This space for Federal or State of  | fice use)  |
|  |  |
| APPROVED BY TITLE TOTALL TITLE   | DATE   |
|  |  |