| If the we Sundry No.  18. I hereby certify a SIGNED (This space for I APPROVED BY   | that the foregoing  James S  Federal or State of                | unger lift or compret produce in paying complete and test the structure and correct hazen TITLE TITLE TITLE | quantities, we wil<br>e well in the Gall          | l submit up Format                 | o<br>a  | f .             |
|---|---|---|---|------------------------------------|---|-----------------|
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| install o   | either a pl<br>ell will no                                      | unger lift or compre<br>t produce in paying   | ssor.<br>quantities, we wil<br>e well in the Gall | we plan t<br>1 submit<br>up Format | o<br>a<br>ion.  | 1<br>f          |
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| install o   | either a pl<br>ell will no                                      | unger lift or compre<br>t produce in paying   | ssor.<br>quantities, we wil                       | we plan t<br>1 submit              | o<br>a  | 1<br>(*)<br>!   |
| install o   | either a pl<br>ell will no                                      | unger lift or compre<br>t produce in paying   | ssor.<br>quantities, we wil                       | we plan t<br>1 submit              | o<br>a  | 1<br>(* '       |
| install o   | either a pl<br>ell will no                                      | unger lift or compre<br>t produce in paying   | ssor.<br>quantities, we wil                       | we plan t<br>1 submit              | o<br>a  | ı<br>f          |
| _   |   |   |   |                                    |   | 1               |
| _   |   |   |   |                                    |   | 1               |
|   |   |   |   |                                    |   | 1               |
| test the  | well to de  | termine if the well   |   |                                    |   |                 |
|   |   | re, then swab well t  |   |                                    |   |                 |
| Dlam to d   | + aka hattan  | hole pressure measur  | oment to determine                                | fluid la                           | .vo1  |                 |
| proposed work<br>nent to this wo  | . If well is direc  | tionally drilled, give subsurface lo  | ocations and measured and true                    | vertical depti                     | s for all markers   | and sones perti |
| (Other)   | Status  | PERATIONS (Clearly state all pertir   | Completion or 1                                   | Recompletion B                     | tiple completion of<br>eport and Log form<br>ing estimated date | m.)             |
| REPAIR WELL   |   | CHANGE PLANS  | (Other)   |                                    |   |                 |
| FRACTURE TREAT  |   | MULTIPLE COMPLETE ABANDON®  | FRACTURE TREATMEN SHOOTING OR ACIDIZE             |                                    | ALTERING CAS  |                 |
| TEST WATER SH   | CT-OFF  | PULL OR ALTER CASING  | WATER SHUT-OFF                                    |                                    | REPAIRING W   |                 |
|   | NOTICE OF INT   | ENTION TO:  |   | SUBSEQUENT EL                      | PORT OF:  |                 |
| 16.   | Check A   | Appropriate Box To Indicate   | Nature of Notice, Repor                           | t, or Other I                      | Data  |                 |
|   |   | 7110' GL  |   | Rio                                | Arriba  | NM              |
| 14. PERMIT NO.  |   | 15. ELEVATIONS (Show whether  | DF, RT, GR, etc.)                                 | 12. 6                              | OUNTY OR PARISH   | 13. STATE       |
|   |   |   |   | Sec                                | . 17, T26N,   | R3W, NMP        |
| 1520' FNL - 800' FWL  |   |   |   |                                    | 11. SEC., T., E., M., OR BLE. AND<br>SURVEY OR AREA             |                 |
| See also space 17 At surface  | below.)   | cicars) and in accordance with a  | codawements.                                      | -12                                | in Dakota   |                 |
| P O Box 809, Farmington, NM 87499  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* |   |   |   |                                    | 5<br>10 FIELD AND POOL, OR WILDCAT                              |                 |
| 3. ADDRESS OF OPER  |   |   | · · · · · · · · · · · · · · · · ·                 |                                    | ELL NO.   | ***             |
| JEROME P. McHUGH  |   |   |   |                                    | Apache  |                 |
| OIL GAE   |   |   |   |                                    | EM OR LEASE NAM   |                 |
| i.  | - VA AIID.  |   |   |                                    | TIT AGREEMBHY HAS   | M.S.            |
|   | this form for prop  | posals to drill or to deepen or plu<br>CATION FOR PERMIT—" for such   | g back to a different reservoir, proposals.)      | Jic                                | arilla  | j.              |
| (Do not use   | IINDRY NO   | TICES AND REPORTS   | ON WELLS  | ł                                  | INDIAN, ALLOTTEE  | OR TRIBE NAME   |
| (Do not use   |   |   |   |                                    | Contr 98  |                 |
| S   | BURE  | AU OF LAND MANAGEME   |   | Jic                                | Camt = 00   | - /             |
| (November 1983) (Formerly 9-331)  Signature (Do not use   | DEPAR1<br>BURE  | · · · · · · · · · · · · · · · · · · ·   | RIOR (Other instructions                          | 5. LI                              | Expires August  |                 |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(This space for Federal or State office use)

Form 3160-5 (June 1990)

## **UNITED STATES**

| FORM APPROVED |         |         |      |  |  |
|---------------|---------|---------|------|--|--|
| Budget Bure   | eau No. | 1004-0  | 113: |  |  |
| Expires:      | March   | 31, 199 | 3    |  |  |

Ken Townsend

| (June 1990)                               | DEPARTMENT OF                                  | THE INTERIOR   | Expires: March 31, 1993  |
|---|--|--|--|
|   | BUREAU OF LAND                                 | MANAGEMENT   | 5. Lease Designation and Serial No.  |
|   |  |  | JC #98   |
|   | SUNDRY NOTICES AND                             |  | 6. If Indian, Allottee or Tribe Name   |
| Do not use this form for proposals to dri |  |  |  |
| <del></del>                               | Use "APPLICATION FOR PER                       | MII — for such proposals   | Jicarilla Apache   |
|   | SUBMIT IN TI                                   | RIPLICATE  | 7. If Unit or CA, Agreement Designation  |
|   | 368/// // //                                   | III LIOATE   | <u> </u>   |
| 1. Type of Well                           | , p  |  |  |
| Oil Well W                                | ell Uther                                      |  | 8. Well Name and No.   |
| 2. Name of Operator                       | Apache   |  |  |
| Jerome P. N                               |  |  | 9. API Well No.  |
| 3. Address and Telepho                    |  |  | 5  |
| P.O.Box 809,                              | Farmington, N.M. 8749                          |  | 10. Field and Pool, or Exploratory Area  |
| 4. Location of Well (Fo                   | otage, Sec., T., R., M., or Survey Description |  | Basin Dakota   |
|   |  |  | 11. County or Parish, State  |
| 1520'FNL - 80                             | 00'FWL Sec.17,                                 | 1200 N.M.P.M.  |  |
|   |  | · · · · · · · · · · · · · · · · · · ·  | Rio Arriba, N.M.   |
| 12. CHEC                                  | K APPROPRIATE BOX(s) TO                        | INDICATE NATURE OF NOTICE, REPO  | RT, OR OTHER DATA  |
| TYPE (                                    | OF SUBMISSION                                  | TYPE OF ACTION   | ÷  |
|   |  |  |  |
| L_J Noti                                  | ce of Intent                                   | Abandament   | Change of Plans  |
|   |  | Recomberion 2  | New Construction   |
| L   | sequent Report                                 | Plug in Back   | Non-Routine Fracturing   |
| П   |  | Casifie Adjair SEP 1 1 1990  | Water Shut-Off   |
| LJ Fina                                   | al Abandonment Notice                          | Altering Casing  | Conversion to Injection  |
|   | İ  | U Other OIL CON DIV  | Dispose Water<br>(Note: Report results of multiple completion on Well  |
| Status per                                | BLM request                                    |  | Completion or Recompletion Report and Log for m.)  |
|   |  | it details, and give pertinent dates, including estimated date of startin<br>for all markers and zones pertinent to this work.)*   | g any proposed work. If well is directionally drilled  |
| •   | •  | ·  |  |
|   |  |  |  |
|   |  | dependent reserves calculation do  |  |
|   |  | possible Gallup reserves. If suf   |  |
|   |  | take a bottomhole pressure, to d   |  |
|   |  | ld propose to determine if pumpir  | ng those wells   |
| will produc                               | e gas in paying quantit                        | ies in the current market.   |  |
|   |  |  |  |
|   |  | the Dakota in paying quantities  |  |
|   |  | Gallup pensing the results of the  | e ongoing reserves   |
| evaluation.                               |  |  | •  |
| ms.                                       |  |  |  |
| The reserve                               | es evaluation is expected                      | d to be completed by early 1991.   |  |
|   |  |  |  |
|   |  | a second   |  |
|   | THIS AP  | PROVAL EXPENSES  |  |
|   | <u></u>  | The state of the s | The second secon |
|   |  |  |  |
| 14. I hereby certify that                 | the foregoing is true and correct              |  |  |
| 7100                                      | Page - Bron Borrin                             | Admin Acet   | 8/30/90  |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title .