

|                        |                                                              |
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| FILE                   |                                                              |
| U.S.G.S.               |                                                              |
| LAND OFFICE            |                                                              |
| TRANSPORTER            | <input type="checkbox"/> OIL<br><input type="checkbox"/> GAS |
| OPERATOR               | 3                                                            |
| PROBATION OFFICE       |                                                              |

## NEW MEXICO OIL CONSERVATION COMMISSION

## REQUEST FOR ALLOWABLE

## AND

## AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104

Supersedes Old C-104 and C-105  
Effective 1-1-65

|                                                                              |                                                                                                     |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Operator<br>ARCO Oil and Gas Company, Division of Atlantic Richfield Company |                                                                                                     |
| Address<br>1860 Lincoln Street, Suite 501, Denver, Colorado 80295            |                                                                                                     |
| Reason(s) for filing (Check proper box)                                      |                                                                                                     |
| New Well <input type="checkbox"/>                                            | Change in Transporter of:<br>Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>          |
| Recompletion <input type="checkbox"/>                                        | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>                         |
| Change in Ownership <input type="checkbox"/>                                 | Other (Please explain) Effective 4/1/79<br>Assumed name for formerly<br>Atlantic Richfield Company. |

If change of ownership give name  
and address of previous owner

## II. DESCRIPTION OF WELL AND LEASE

|                                     |                 |                                                    |                                                  |                        |
|-------------------------------------|-----------------|----------------------------------------------------|--------------------------------------------------|------------------------|
| Lease Name<br>Horseshoe Gallup Unit | Well No.<br>111 | Pool Name, including Formation<br>Horseshoe Gallup | Kind of Lease<br>State, Federal or FeeFed. 14-08 | Lease No.<br>0001-8200 |
| Location                            |                 |                                                    |                                                  |                        |
| Unit Letter<br>N                    | 601             | Feet From The<br>South                             | Line and<br>2002                                 | Feet From The<br>West  |
| Line of Section<br>19               | Township<br>31N | Range<br>16W                                       | , NMPM, San Juan County                          |                        |

## III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|                                                                                                                               |                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/><br>Water Injection Well | Address (Give address to which approved copy of this form is to be sent) |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>                 | Address (Give address to which approved copy of this form is to be sent) |
| If well produces oil or liquids,<br>give location of tanks.                                                                   | Unit<br>Sec.<br>Twp.<br>Rge.<br>Is gas actually connected?<br>When       |

If this production is commingled with that from any other lease or pool, give commingling order number:

## IV. COMPLETION DATA

|                                      |                             |                 |              |          |        |           |             |              |
|--------------------------------------|-----------------------------|-----------------|--------------|----------|--------|-----------|-------------|--------------|
| Designate Type of Completion - (X)   | Oil Well                    | Gas Well        | New Well     | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded                         | Date Compl. Ready to Prod.  | Total Depth     | P.B.T.D.     |          |        |           |             |              |
| Elevations (DF, RKB, RT, GR, etc.)   | Name of Producing Formation | Top Oil/Gas Pay | Tubing Depth |          |        |           |             |              |
| Perforations                         | Depth Casing Shoe           |                 |              |          |        |           |             |              |
| TUBING, CASING, AND CEMENTING RECORD |                             |                 |              |          |        |           |             |              |
| HOLE SIZE                            | CASING & TUBING SIZE        | DEPTH SET       | SACKS CEMENT |          |        |           |             |              |
|                                      |                             |                 |              |          |        |           |             |              |
|                                      |                             |                 |              |          |        |           |             |              |
|                                      |                             |                 |              |          |        |           |             |              |

## V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of initial volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

|                                 |                 |                                               |            |
|---------------------------------|-----------------|-----------------------------------------------|------------|
| Date First New Oil Run To Tanks | Date of Test    | Producing Method (Flow, pump, gas lift, etc.) |            |
| Length of Test                  | Tubing Pressure | Casing Pressure                               | Choke Size |
| Actual Prod. During Test        | Oil-Bbls.       | Water-Bbls.                                   | Gas-Mcf    |

## GAS WELL

|                                  |                           |                           |                   |
|----------------------------------|---------------------------|---------------------------|-------------------|
| Actual Prod. Test-MCF/D          | Length of Test            | Bbls. Condensate/MCF      | Oil of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size        |

## VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

J. A. Cooper  
(Signature)  
Accounting Supervisor  
(Title)  
March 9, 1979  
(Date)

## OIL CONSERVATION COMMISSION

APPROVED MAR 12 1979, 19  
Original Signed by FRANK J. CHAVEZ  
BY DEPUTY OIL & GAS INSPECTOR DIST. #2  
TITLE

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and completed wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Form C-104 must be filed for each pool in newly completed wells.