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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-110  
Effective 1-1-65

B.T.

I. Operator **AMOCO PRODUCTION COMPANY**

Address **501 Airport Drive, Farmington, New Mexico 87401**

Reason(s) for filing (Check proper box) Other (Please explain)

|                     |                          |                           |                                     |                                     |
|---------------------|--------------------------|---------------------------|-------------------------------------|-------------------------------------|
| New Well            | <input type="checkbox"/> | Change in Transporter of: |                                     |                                     |
| Recompletion        | <input type="checkbox"/> | Oil                       | <input checked="" type="checkbox"/> | Dry Gas <input type="checkbox"/>    |
| Change in Ownership | <input type="checkbox"/> | Casinghead Gas            | <input type="checkbox"/>            | Condensate <input type="checkbox"/> |

Well reclassified as an oil well.  
*Add oil transporter*

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

|  |  |                                 |                                    |
|--|--|---------------------------------|------------------------------------|
| Lease Name<br><b>Navajo Tribal "N"</b> | Well No. <b>6</b> Pool Name, including Formation<br><b>Tocito Dome Pennsylvanian "D"</b> | Kind of Lease<br><b>Federal</b> | Lease No.<br><b>14-20-603-5035</b> |
| Location                               |  |                                 |                                    |
| Unit Letter <b>G</b>                   | <b>2130</b> Feet From The <b>North</b> Line and <b>1980</b> Feet From The <b>East</b>    |                                 |                                    |
| Line of Section <b>17</b>              | Township <b>26N</b>  | Range <b>18W</b>                | NMPM, <b>San Juan</b> County       |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|  |  |   |
|--|--|---|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>         | Address (Give address to which approved copy of this form is to be sent) |   |
| <b>Four Corners Pipeline</b>   | <b>Box 1588, Farmington, New Mexico 87401</b>                            |   |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |   |
| <b>Amoco Production Company</b>  | <b>501 Airport Drive, Farmington, New Mexico 87401</b>                   |   |
| If well produces oil or liquids, give location of tanks.   | Unit <b>A</b> Sec. <b>20</b> Twp. <b>26N</b> Rge. <b>18W</b>             | Is gas actually connected? <b>Yes</b> When <b>6-27-65</b> |

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. |
|  |   | <input checked="" type="checkbox"/> |                              |          |        |           |             |              |
| Date Spudded<br><b>6-4-65</b>                          | Date Compl. Ready to Prod.<br><b>6-27-65</b>        | Total Depth<br><b>6395'</b>         | P.B.T.D.<br><b>6389'</b>     |          |        |           |             |              |
| Elevations (DF, RKB, RT, GR, etc.)<br><b>5860' RDB</b> | Name of Producing Formation<br><b>Lower Hermosa</b> | Top Oil/Gas Pay<br><b>6364'</b>     | Tubing Depth<br><b>6383'</b> |          |        |           |             |              |
| Perforations<br><b>6373-79' x 4 SPF</b>                | Depth Casing Shoe                                   |                                     |                              |          |        |           |             |              |

| TUBING, CASING, AND CEMENTING RECORD |                      |              |              |
|--------------------------------------|----------------------|--------------|--------------|
| HOLE SIZE                            | CASING & TUBING SIZE | DEPTH SET    | SACKS CEMENT |
| <b>17-1/4"</b>                       | <b>13-3/8"</b>       | <b>92'</b>   | <b>100</b>   |
| <b>11"</b>                           | <b>8-5/8"</b>        | <b>1459'</b> | <b>500</b>   |
| <b>7-7/8"</b>                        | <b>4-1/2"</b>        | <b>6395'</b> | <b>1000</b>  |
|                                      | <b>2-3/8" tbg.</b>   | <b>6383'</b> |              |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total 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<br><b>2-11-72</b> | Date of Test<br><b>2-11-72</b> | Producing Method (Flow, pump, gas lift, etc.)<br><b>Flow</b> |                             |
| Length of Test<br><b>24 hr.</b>                   | Tubing Pressure<br><b>440</b>  | Casing Pressure<br><b>740</b>                                | Choke Size<br><b>20/64"</b> |
| Actual Prod. During Test<br><b>159 Bbl. fluid</b> | Oil - Bbls.<br><b>140</b>      | Water - Bbls.<br><b>19</b>                                   | Gas - MCF<br><b>759</b>     |

GAS WELL

|                                  |                           |                           |                       |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D          | Length of Test            | Bbls. Condensate/MMCF     | Gravity of Condensate |
|                                  |                           |                           |                       |
| Testing Method (pitot, 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.

*G. C. Hamilton*  
G. C. HAMILTON

(Signature)

Area Administrative Supervisor

(Title)

February 15, 1972

(Date)

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19 \_\_\_\_\_

Original Signed by Emery C. Arnold

BY \_\_\_\_\_

TITLE **SUPERVISOR LIST #1**

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 deviation 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 recompleted 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 Forms C-104 must be filed for each pool in multiply completed wells.



Amoco Production Company

501 Airport Drive  
Farmington, New Mexico 87401  
February 15, 1972

File: DAW-23-400.1

Re: Form C-104  
Navajo Tribal "N" No. 6

Mr. E. C. Arnold (5)  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Dear Sir:

Attached please find the Request for Allowable, Form C-104, dealing with the Tocito Dome well Navajo Tribal "N" No. 6. This well was drilled and completed during June of 1965. The well potentialled on June 27, 1965 for 5180 MCFD gas and no liquids. The well was shut in at that time to conserve the gas cap in the field. Due to fluid migration in the reservoir, the well was flow tested on February 11, 1972 for 140 barrels of oil, 19 barrels of water and 750 MCF of gas in 24 hours on a 20/64" choke. The well was reclassified as an oil well.

Yours very truly,

AMOCO PRODUCTION COMPANY

L. O. Speer, Jr.  
Area Superintendent

JDP:en  
Attach.



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FEB 16 1975  
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DIST 3