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STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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| OIL                    |  |
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## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

|   |   |
|---|---|
| Operator<br><b>DUGAN PRODUCTION CORP.</b>   |   |
| Address<br><b>P.O. Box 5820, Farmington, NM 87499-5820</b>  |   |
| Reason(s) for filing (Check proper box)   | Other (Please explain)  |
| <input checked="" type="checkbox"/> New Well<br><input type="checkbox"/> Recompletion<br><input type="checkbox"/> Change in Ownership | Change in Transporter of:<br><input type="checkbox"/> Oil<br><input type="checkbox"/> Dry Gas<br><input type="checkbox"/> Casinghead Gas<br><input type="checkbox"/> Condensate |

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

## II. DESCRIPTION OF WELL AND LEASE

|   |                      |   |   |                              |
|---|----------------------|---|---|------------------------------|
| Lease Name<br><b>Champ</b>  | Well No.<br><b>2</b> | Pool Name, including Formation<br><b>South Bisti Gallup</b> | Kind of Lease<br>State, Federal or Fee <b>Federal</b> | Lease No.<br><b>NM-42059</b> |
| Location<br>Unit Letter <b>E</b> : <b>1980</b> Feet From The <b>North</b> Line and <b>660</b> Feet From The <b>West</b><br>Line of Section <b>5</b> Township <b>23N</b> Range <b>10W</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"/><br><b>Conoco, Inc.</b>                   | Address (Give address to which approved copy of this form is to be sent)<br><b>P O Box 1429, Bloomfield, NM 87413</b>       |                    |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/><br><b>Dugan Production Corp.</b> | Address (Give address to which approved copy of this form is to be sent)<br><b>P.O. Box 5820, Farmington, NM 87499-5820</b> |                    |
| If well produces oil or liquids,<br>give location of tanks.   | Unit<br><b>C</b>  | Sec.<br><b>5</b>   |
|   | Twp.<br><b>23N</b>  | Rge.<br><b>10W</b> |
|   | Is gas actually connected? <b>No</b> When   |                    |

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

NOTE: Complete Parts IV and V on reverse side if necessary.

## VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have  
been complied with and that the information given is true and complete to the best of  
my knowledge and belief.Jim L. Jacobs  
Geologist

(Signature)

9-30-88

(Title)

(Date)

## OIL CONSERVATION DIVISION

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

BY \_\_\_\_\_

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 deviation  
tests taken on the well in accordance with RULE 111.All sections of this form must be filled out completely for allow-  
able 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.

#### IV. COMPLETION DATA

| Designate Type of Completion - (X)                        |                                       | Oil Well<br>XX                        | Gas Well             | New Well<br>XX           | Workover | Deepen                     | Plug Back | Same Res'v. | Diff. Res'v. |
|---|---------------------------------------|---------------------------------------|----------------------|--------------------------|----------|----------------------------|-----------|-------------|--------------|
| Date Spudded<br>8-24-88                                   | Date Compl. Ready to Prod.<br>9-24-88 |                                       | Total Depth<br>4708' |                          |          | P.B.T.D.<br>4650'          |           |             |              |
| Elevations (DF, RKB, RT, CR, etc.)<br>6568' GL; 6580' RKB |                                       | Name of Producing Formation<br>Gallup |                      | Top Oil/Gas Pay<br>4367' |          | Tubing Depth<br>4546'      |           |             |              |
| Perforations<br>4367-4557' - Gallup                       |                                       |                                       |                      |                          |          | Depth Casing Shoe<br>4704' |           |             |              |

#### TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|-----------|--------------|
| 12-1/4"   | 8-5/8" OD            | 219'      | 159 cu.ft.   |
| 7-7/8"    | 4-1/2" OD            | 4704' RKB | 1395 cu.ft.  |
|           | 2-3/8" OD            | 4546'     |              |

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (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>9-24-88        | Date of Test<br>9-25-88 | Producing Method (Flow, pump, gas lift, etc.)<br>Swabbing |                        |
| Length of Test<br>10 hrs                          | Tubing Pressure<br>---  | Casing Pressure<br>75                                     | Choke Size<br>---      |
| Actual Prod. During Test<br>32 BO, 150 BLW, 8 MCF | Oil - Bbls.<br>77 BOPD  | Water - Bbls.<br>360 BLWPD*                               | Gas - MCF<br>19.2 MCFD |

\*water is frac fluid.

#### GAS WELL

|                                  |                           |                           |                       |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D        | Length of Test            | Bbls. Condensate/10MCF    | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size            |