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1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Bureau of Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page  
**RECEIVED**  
JAN 10 '90

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

|   |  |                                   |
|---|--|-----------------------------------|
| I. Operator<br><b>Socorro Petroleum Company</b>   |  | Well APNs<br><b>30-015- 05091</b> |
| Address<br><b>P.O. Box 38, Loco Hills, NM 88255</b>   |  |                                   |
| Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)   |  |                                   |
| New Well <input type="checkbox"/>   | Change in Transporter of:<br>Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | Change in Operator Name           |
| Recompletion <input type="checkbox"/>   | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>                | Effective January 1, 1990         |
| Change in Operator <input checked="" type="checkbox"/>  |  |                                   |
| If change of operator give name and address of previous operator<br><b>Harcorn Oil Company, P.O. Box 2879, Victoria, TX 77901</b> |  |                                   |

|  |                      |   |
|--|----------------------|---|
| II. DESCRIPTION OF WELL AND LEASE  |                      | Lease No.<br><b>LC029435A</b>                                       |
| Lease Name<br><b>J.L. Keel "A"</b>   | Well No.<br><b>3</b> | Pool Name, including Formation<br><b>Grayburg Jackson/7 RV QGSA</b> |
| Location<br>Unit Letter <b>N</b> : <b>330</b> Feet From The <b>South</b> Line and <b>1650</b> Feet From The <b>West</b> Line |                      | Kind of Lease<br><b>State, Federal and/or</b>                       |
| Section <b>7</b>   | Township <b>17S</b>  | Range <b>31E</b> , NMPM, <b>Eddy</b> County                         |

|  |                    |  |                   |
|--|--------------------|--|-------------------|
| III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS   |                    | Address (Give address to which approved copy of this form is to be sent)   |                   |
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/><br><b>Texas-New Mexico Pipeline Company</b> |                    | <b>P.O. Box 2528, Hobbs, NM 88240</b>  |                   |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/><br><b>Continental Oil Company</b>   |                    | Address (Give address to which approved copy of this form is to be sent)<br><b>P.O. Box 460, Hobbs, NM 88240</b> |                   |
| If well produces oil or liquids, give location of tanks.   | Unit<br><b>B</b>   | Sec.<br><b>7</b>   | Tw.<br><b>17S</b> |
|  | Rge.<br><b>31E</b> | Is gas actually connected? <b>Yes</b> When? <b>6-30-60</b>   |                   |
| If this production is commingled with that from any other lease or pool, give commingling order number:  |                    |  |                   |

|                                     |                             |                 |          |   |          |        |           |            |            |
|-------------------------------------|-----------------------------|-----------------|----------|---|----------|--------|-----------|------------|------------|
| IV. COMPLETION DATA                 |                             | Oil Well        | Gas Well | New Well  | Workover | Deepen | Plug Back | Same Res'v | Diff Res'v |
| Designate Type of Completion - (X)  |                             |                 |          |   |          |        |           |            |            |
| 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<br><b>Port FD-3</b><br><b>2-5-90</b><br><b>dy op</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 Tank   | 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/MNCF     | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size            |

|  |  |   |  |
|--|--|---|--|
| VI. OPERATOR CERTIFICATE OF COMPLIANCE   |  | OIL CONSERVATION DIVISION               |  |
| I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. |  | Date Approved <b>FEB - 9 1990</b>       |  |
| Signature<br><b>Ben D. Gould</b>   |  | By <b>ORIGINAL SIGNED BY</b>            |  |
| Printed Name<br><b>Ben D. Gould</b>  |  | <b>MIKE WILLIAMS</b>                    |  |
| Date<br><b>1/8/90</b>  |  | Title<br><b>SUPERVISOR, DISTRICT II</b> |  |
| Telephone No.<br><b>505/677-2360</b>   |  |   |  |

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104  
1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.  
2) All sections of this form must be filled out for allowable on new and recompleted wells.  
3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.  
4) Separate Form C-104 must be filed for each pool in multiply completed wells