

Form C-104  
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ARTESIA, OFFICE

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| U.S.G.S.               |                                     |
| LAND OFFICE            |                                     |
| TRANSPORTER            | <input checked="" type="checkbox"/> |
| OIL                    | <input checked="" type="checkbox"/> |
| GAS                    | <input checked="" type="checkbox"/> |
| OPERATOR               |                                     |
| PRODUCTION OFFICE      |                                     |

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator  
Fred Pool Operating Company ✓

Address  
Post Office Box 1393, Roswell, New Mexico 88201

|  |                                     |
|--|-------------------------------------|
| Reason(s) for filing (Check proper box)            | Other (Please explain)              |
| New Well <input type="checkbox"/>                  | Ex #2-754                           |
| Recompletion <input type="checkbox"/>              |                                     |
| Change in Ownership <input type="checkbox"/>       |                                     |
| Change in Transporter of:                          |                                     |
| Oil <input type="checkbox"/>                       | Dry Gas <input type="checkbox"/>    |
| Casinghead Gas <input checked="" type="checkbox"/> | Condensate <input type="checkbox"/> |

If change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

|                            |                 |   |   |                       |
|----------------------------|-----------------|---|---|-----------------------|
| Lease Name<br>Plains State | Well No.<br>12  | Pool Name, including Formation<br>East Chisum, S.A. | Kind of Lease<br>State, Federal or Fee<br>State | Lease No.<br>K 2114   |
| Location                   |                 |   |   |                       |
| Unit Letter<br>H           | 1650            | Feet From The<br>North                              | Line and<br>330                                 | Feet From The<br>East |
| Line of Section<br>16      | Township<br>11S | Range<br>28E  | NMPM,<br>Chaves                                 | County                |

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) |
| Navajo Crude Oil   | POB 159, Artesia, New Mexico 88210                                       |
| 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) |
| Liquid Energy Corporation  | POB 4000, The Woodlands, Texas 77380                                     |
| If well produces oil or liquids, give location of tanks.   | Unit Sec. Twp. Rge. Is gas actually connected? When                      |
| H 16 11S 28E   | Yes 9/1/81   |

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

COMPLETION DATA

|   |  |  |  |          |        |           |             |              |
|---|--|--|--|----------|--------|-----------|-------------|--------------|
| Designate Type of Completion - (X)            | Oil well <input checked="" type="checkbox"/> | Gas Well <input checked="" type="checkbox"/> | New Well <input checked="" type="checkbox"/> | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded<br>1/29/81                       | Date Compl. Ready to Prod.<br>5/28/81        | Total Depth<br>2297                          | P.B.T.D.<br>2274                             |          |        |           |             |              |
| Elevations (DF, RKB, RT, CR, etc.)<br>3711 GL | Name of Producing Formation<br>San Andres    | Top Oil/Gas Pay<br>2200                      | Tubing Depth<br>2080                         |          |        |           |             |              |
| Perforations<br>2200-2266                     | Depth Casing Shoe<br>2274                    |  |  |          |        |           |             |              |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT        |
|-----------|----------------------|-----------|---------------------|
| 11"       | 8 5/8"               | 366       | 150 Class C 2% CaCl |
| 7 7/8"    | 4 1/2"               | 2274      | 150 sx Class H 2% C |

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>5/28/81 | Date of Test<br>5/29/81 | Producing Method (Flow, pump, gas lift, etc.)<br>Travelling Barrell Pump | Post. ID 3<br>6-15-84<br>Chg. Gas Prod. |
| Length of Test<br>24 hrs.                  | Tubing Pressure<br>175  | Casing Pressure<br>150   | Choke Size<br>Open                      |
| Actual Prod. During Test<br>20 bbls        | Oil - Bbls.<br>20       | Water - Bbls.<br>0   | Gas - MCF<br>20 mcf                     |

GAS WELL

|  |                                  |                                  |                       |
|--|----------------------------------|----------------------------------|-----------------------|
| Actual Prod. Test-MCF/D<br>3.86              | Length of Test<br>24 hrs.        | Bbls. Condensate/MMCF<br>20      | Gravity of Condensate |
| Testing Method (spot, back pt.)<br>Producing | Tubing Pressure (Shut-in)<br>20# | Casing Pressure (Shut-in)<br>20# | Choke Size<br>Open    |

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 above is true and complete to the best of my knowledge and belief.

*(Signature)*  
Production Secretary  
*(Title)*  
June 8, 1984  
*(Date)*

OIL CONSERVATION DIVISION

JUN 11 1984

APPROVED \_\_\_\_\_, 19  
BY *Mike Williams*  
TITLE **OIL AND GAS INSPECTOR**

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 deviating 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 multiple completed wells.