

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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| TRANSPORTER | OIL |
| | GAS |
| OPERATOR | |
| PRODUCTION OFFICE | |

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83

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APR 09 1987

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

OIL CON. DIV.
DIST. 3

I. Operator
Southland Royalty Company

Address
P. O. Box 4289, Farmington, NM 87499

Reason(s) for filing (Check proper box)

| | | | |
|--|---|-------------------------------------|----------------------------------|
| <input type="checkbox"/> New Well | Change in Transporter of: | <input type="checkbox"/> 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 | | | |

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|---------------|---|--|------------------------------|
| Lease Name Jicarilla 447 | Well No. 1 | Pool Name, including Formation Choza Mesa Pictured Cliffs | Kind of Lease State, Federal or Fee | Lease No. Jic. Cont. #447 |
| Location Unit Letter <u>N</u> : <u>940</u> Feet From The <u>South</u> Line and <u>1150</u> Feet From The <u>West</u> Line of Section <u>19</u> Township <u>27N</u> Range <u>3W</u> , NMPM, <u>Rio Arriba</u> County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | |
|--|--|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| Meridian Oil Inc. | P. O. Box 4829, Farmington, NM 87499 |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| Northwest Pipeline Corporation | P. O. Box 8900, Salt Lake City, UT 84110 |
| If well produces oil or liquids, give location of tanks. | Is gas actually connected? When |
| Unit Sec. Twp. Rge. N 19 27N 3W | No |

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.

Drilling Clerk

(Title)

4-1-87

(Date)

OIL CONSERVATION DIVISION

APR 09 1987

APPROVED

BY

Original Signed By W. C. Chavez

SUPERVISOR DISTRICT # 3

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 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.

IV. COMPLETION DATA

| | | | | | | | | | |
|--|---|--------------------------|------------------|----------|--------------|----------------------------|-----------|-------------|--------------|
| Designate Type of Completion - (X) | | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| | | | X | X | | | | | |
| Date Spudded 5-29-85 | Date Compl. Ready to Prod. 9-27-85 | Total Depth 6523' | | | | P.B.T.D. 6480' | | | |
| Elevations (DF, RKB, RT, GR, etc.) 7211' GL | Name of Producing Formation Choza Mesa Pic. Cliffs | Top Oil/Gas Pay 4022' | | | | Tubing Depth 4014' | | | |
| Perforations 4022, 4038, 4046, 4051, 4058, 4070, 4092, 4097 w/8 holes | | | | | | Depth Casing Shoe 6522' | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | | |
| 12 1/4" | 9 5/8" | | 221' | | 148 cu ft | | | | |
| 8 3/4" | 7" | | 4347' | | 388 cu ft | | | | |
| 6 1/4" | 4 1/2" | | 4210-6522' Liner | | 368 cu ft | | | | |
| 6 1/4" | 1 1/2" | | 4014' | | | | | | |

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 | 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 1685 | Length of Test 7 Days | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pilot, back pr.) Back Pressure | Tubing Pressure (Shut-in) SI 135 | Casing Pressure (Shut-in) SI 485 | Choke Size 3/4" |

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P. O. BOX 2088
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REQUEST FOR ALLOWABLE
AND
OIL CON. DIV.
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS DIST. 3

I.

| | |
|--|---|
| Operator Southland Royalty Company | |
| Address P. O. Box 4289, Farmington, NM 87499 | |
| Reason(s) for filing (Check proper box) | Other (Please explain) |
| <input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership | Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate |

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|---------------|---|---|-------------------|
| Lease Name Jicarilla 447 | Well No. 1 | Pool Name, including Formation Blanco Mesa Verde | Kind of Lease State, Federal or Fee Jic. Cont. | Lease No. #447 |
| Location | | | | |
| Unit Letter <u>N</u> : <u>940</u> Feet From The <u>South</u> Line and <u>1150</u> Feet From The <u>West</u> | | | | |
| Line of Section <u>19</u> Township <u>27N</u> Range <u>3W</u> , NMPM, <u>Rio Arriba</u> County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS


| | |
|--|--|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| Meridian Oil Inc. | P. O. Box 4829, Farmington, NM 87499 |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| Northwest Pipeline Corporation | P. O. Box 8900, Salt Lake City, UT 84110 |
| If well produces oil or liquids, give location of tanks. | Unit : <u>N</u> Sec. : <u>19</u> Twp. : <u>27N</u> Rge. : <u>3W</u> |
| | Is gas actually connected? <u>No</u> 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.


(Signature)
Drilling Clerk
(Title)
4-1-87
(Date)

OIL CONSERVATION DIVISION

APPROVED _____

BY _____

TITLE _____

Original signed by FREDERICK T. CHAVEZ

SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepener well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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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 | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
|---|-----------------------------|----------|-----------------|----------|----------|-------------------|-----------|-------------|--------------|
| | | | X | X | | | | | |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | | P.B.T.D. | | | |
| 5-29-85 | 9-27-85 | | 6523' | | | 6480' | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | | Tubing Depth | | | |
| 7211' GL | Blanco Mesa Verde | | 5727' | | | 6149' | | | |
| Perforations | | | | | | Depth Casing Shoe | | | |
| (CH) 5727, 5728, 5791, 5794, 5797, 5799, 5809, 5811, 5822 | | | | | | 6522' | | | |

*Continued Perf's below TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|-----------|----------------------|------------------|--------------|
| 12 1/4" | 9 5/8" | 221' | 148 cu ft |
| 8 3/4" | 7" | 4347' | 388 cu ft |
| 6 1/4" | 4 1/2" | 4210-6522' Liner | 368 cu ft |
| 6 1/4" | 2 3/8" | 6149' | |
| | 1 1/2" | 4014' | |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

| | | | |
|---------------------------------|-----------------|---|------------|
| 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/MMCF | Gravity of Condensate |
| 3299 | 7 Days | | |
| Testing Method (prior, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |
| Back Pressure | SI 1115 | SI -0- | 3/4" |

*Continued Perf's:

5825 w/10 holes. (Pt. Lookout) 6151, 6156, 6161, 6166, 6187, 6192, 6197, 6204, 6209, 6215, 6255, 6263, 6270, 6284, 6292, 6301 w/16 holes.