

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

**RECEIVED**  
SEP 21 1990  
OIL CON. DIV.  
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN,  
OR PLUG BACK

**RECEIVED**

AUG 27 1990

OIL CON. DIV.

DIST. 3

API NO. (assigned by OCD on new well)

5. Indicate Type of Lease  
STATE

6. State Oil & Gas Lease No.  
K-5737

7. Lease Name or Unit Agreement Name

10513 RATTLESNAKE CANYON

**RECEIVED**

OCT 5 1990

8. Well No.  
104

OIL CON. DIV.

E/320

9. Pool Name or Unit Agreement  
BASIN FRUITLAND COAL

APPROVAL EXPIRES

UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED

WITHIN 10 DAYS.

1a. Type of Work  
DRILL

b. Type of Well  
GAS SINGLE ZONE

2. Name of Operator  
SOUTHLAND ROYALTY CO.

3. Address of Operator  
PO Box 4289, Farmington, NM 87499

4. Well Location  
Unit letter G 2215'FNL 1330'FEL  
Section 32 T32N R08W NMPM SAN JUAN

10. Proposed Depth  
3396'

11. Formation  
FRUITLAND COAL

12. Rotary or C.T.  
Rotary

13. Elevation  
6531'GL

14. Bond Type  
statewide

15. Drill. Contractor

16. Est. Start Date  
upon approval

17. PROPOSED CASING AND CEMENT PROGRAM

| SIZE HOLE | SIZE CASING | WT. PER FT. | SET. DEPTH | SKS OF CEMENT | EST. TOP     |
|-----------|-------------|-------------|------------|---------------|--------------|
| 12 1/4"   | 9 5/8"      | 32.3#       | 200 ft.    | 189 cu.ft.    | circ surface |
| 8 3/4"    | 7"          | 20.0#       | 3080 ft.   | 982 cu.ft.    | circ surface |
| 6 1/4"    | 5 1/2"      | 15.5#       | 3396 ft.   | do not cmt.   |              |

The Fruitland Coal formation will be completed.  
A minimum 2000 psi working pressure double gate blowout preventer  
equipped with blind and pipe rams will be used for blow out prevention  
on this well. This gas is dedicated.  
The E/2 of Sec 32 is dedicated to this well.

I hereby certify that the information above is true and complete to the best  
of my knowledge and belief.

SIGNATURE Chad A. Juc TITLE Reg. Drilling Engr. DATE 8/24/90  
=====

(This space for State Use)

APPROVED BY Spencer Bruch DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 07 1990  
Conditions of approval, if any:

Hold c-204 for PTH of Rattlesnake #102

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

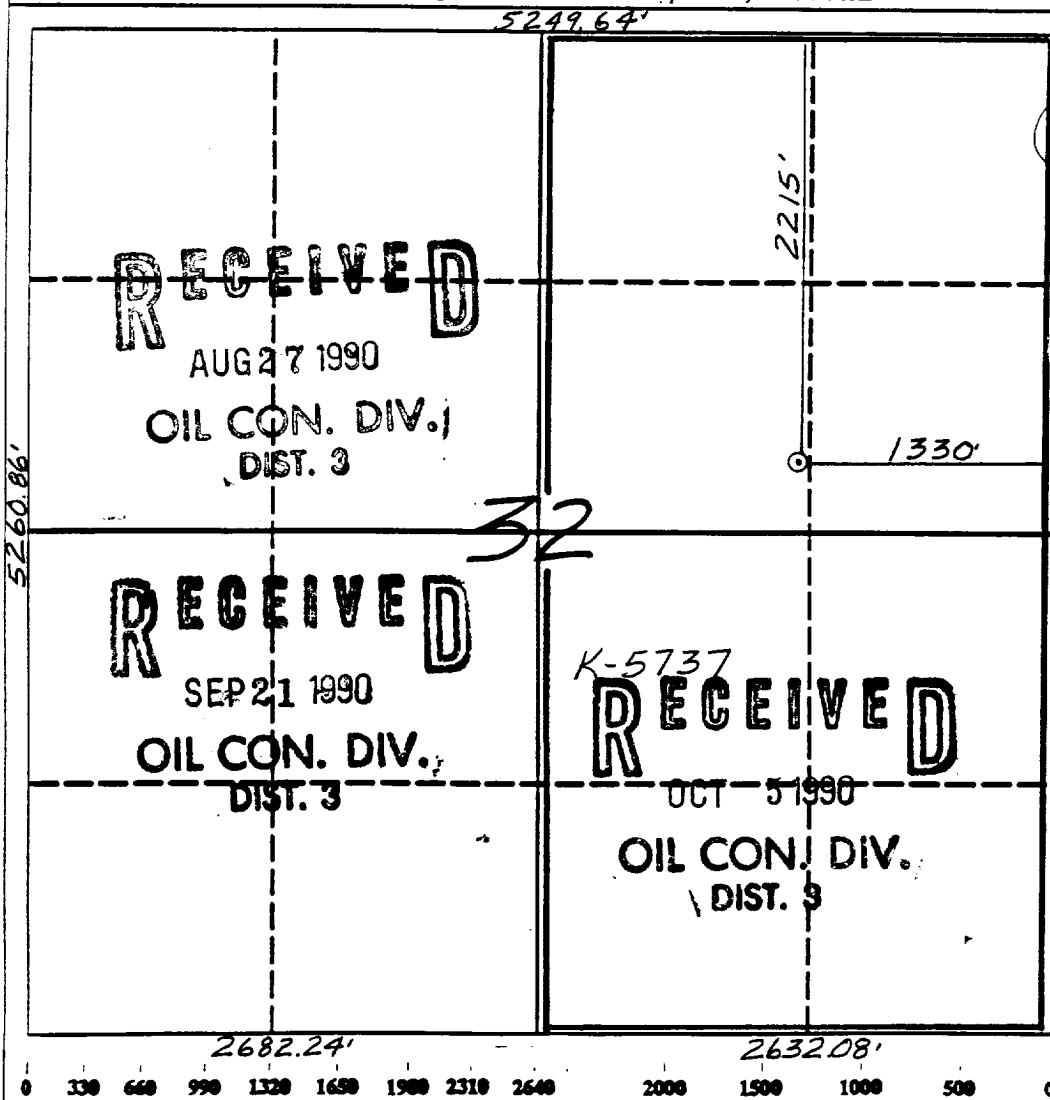
All Distances must be from the outer boundaries of the section

|                                                                                                    |                                       |                      |                                      |                                 |                 |
|----------------------------------------------------------------------------------------------------|---------------------------------------|----------------------|--------------------------------------|---------------------------------|-----------------|
| Operator<br>Southland Royalty Co.                                                                  |                                       |                      | Lease<br>Rattlesnake Canyon (K-5737) |                                 | Well No.<br>104 |
| Unit Letter<br>G                                                                                   | Section<br>32                         | Township<br>32 North | Range<br>8 West                      | County<br>San Juan              |                 |
| Actual Footage Location of Well:<br>2215 feet from the North line and 1330 feet from the East line |                                       |                      |                                      |                                 |                 |
| Ground level Elev.<br>6531'                                                                        | Producing Formation<br>Fruitland Coal |                      | Pool<br>Basin                        | Dedicated Acreage:<br>320 Acres |                 |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Peggy Bradford*  
Signature

Peggy Bradford

Printed Name

Regulatory Affairs

Position

Southland Royalty Co

Company

8-21-90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

8-7-90

Date Surveyed

*Neale C. Edwards*  
Signature of Surveyor



Certificate of Survey

Neale C. Edwards