

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK

API NO. (assigned by OCD on new well

5. Indicate Type of Lease
FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
SIMMS FEDERAL

1a. Type of Work
PLUG BACK
b. Type of Well
GAS

2. Name of Operator
SOUTHLAND ROYALTY COMPANY

3. Address of Operator
P.O. BOX 4289
FARMINGTON, NM 87499

4. Well Location 0
SEC. 11, T30N, R04W 1120' FSL; 1850' FEL

8. Well No.
#2

9. Pool Name or Wildcat
BASIN FRUITLAND COAL

10. Proposed Depth

11. Formation

12. Rotary or C.T.

13. Elevation
6911' GL

14. Bond Type

15. Drill Contractor

16. Est. Start Date

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE HOLE	SIZE CASING	WT. PER FT.	SET. DEPTH	SKS OF CEMENT	EST. TOP
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RECEIVED

APR 23 1990

OIL CON. DIV

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

SIGNATURE [Signature] (SHL) TITLE Regulatory Affairs DATE 4-20-90

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR 26 1990
Conditions of approval, if any:

Hold 2-10450R CA + 103L

RECEIVED
APR 8 1950
OFF. COM. DIA
UNIT 8

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UNIT 8

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APR 8 1950
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UNIT 8

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 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 Branson Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Southland Royalty Company		Lease Simms Federal (Fee)		Well No. 2
Unit Letter 0	Section 11	Township 30 North	Range 4 West	County Rio Arriba
Actual Footage Location of Well: 1120 feet from the South line and 1850 feet from the East line				
Ground level Elev. 6911'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or machine 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 communitization agreement will be

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

obtained

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

*Note: Not re-surveyed
prepared from plat
Sept. 28, 1981
Fred B. Kerr Jr

RECEIVED

APR 23 1990

OIL CON. DIV.
DIST. 3

OPERATOR CERTIFICATION

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

Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Southland Royalty Co

Company

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of 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.

4-19-90

Date Surveyed

Signature
Professional



Certificate No.

Neale C. Edwards

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

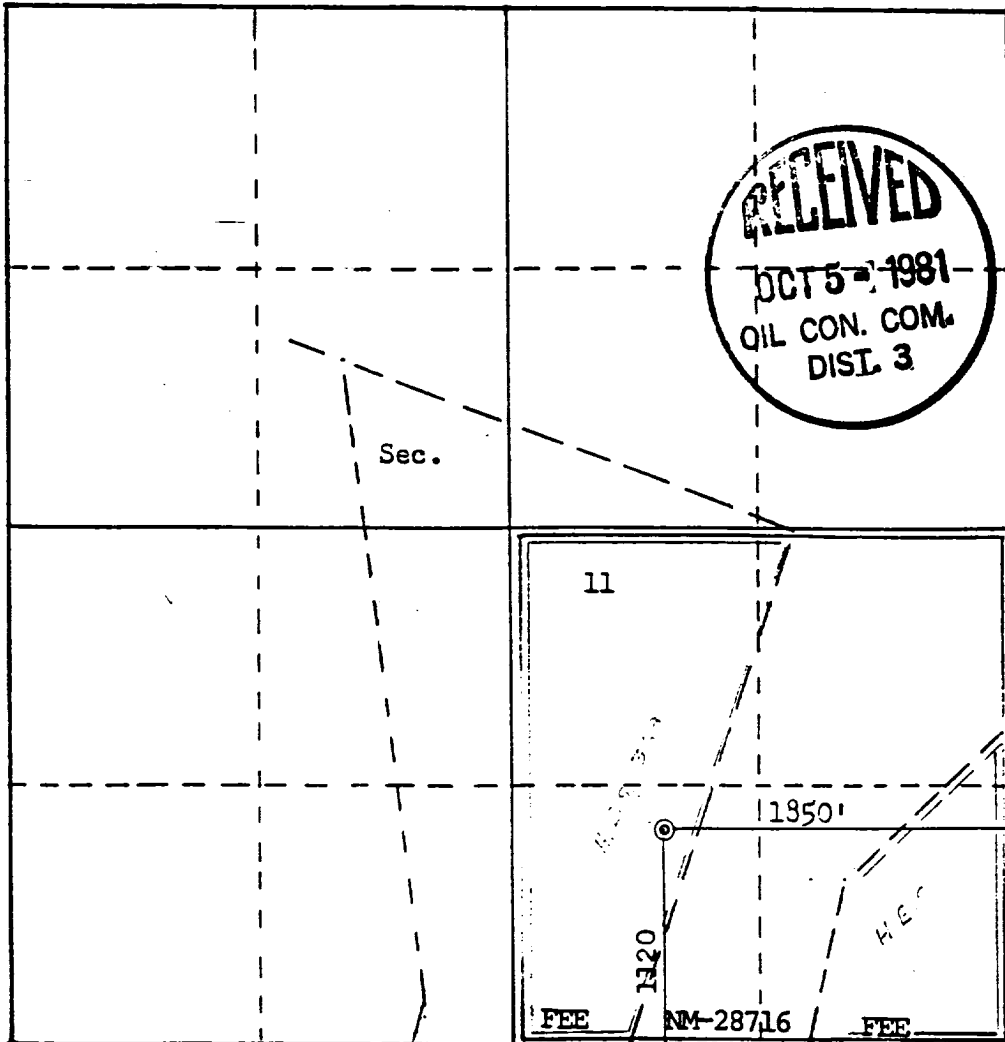
Operator SOUTHLAND ROYALTY COMPANY			Lease SIMMS FEDERAL		Well No. 2
Unit Letter 0	Section 11	Township 30N	Range 1W	County Rio Arriba	
Actual Footage Location of Well: 1120 feet from the South line and 1850 feet from the East line					
Ground Level Elev. 6911	Producing Formation Pictured Cliffs Ext.		Pool East Blanco		Dedicated Acreage 157.49 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

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

R. E. Fielder

Name
R. E. Fielder

Position
District Engineer

Company
Southland Royalty Company

Date
October 5, 1981

I hereby certify that the well location shown on this plat was plotted from field notes of 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.

Date Surveyed
September 16, 1981

Registered Professional Engineer and Land Surveyor

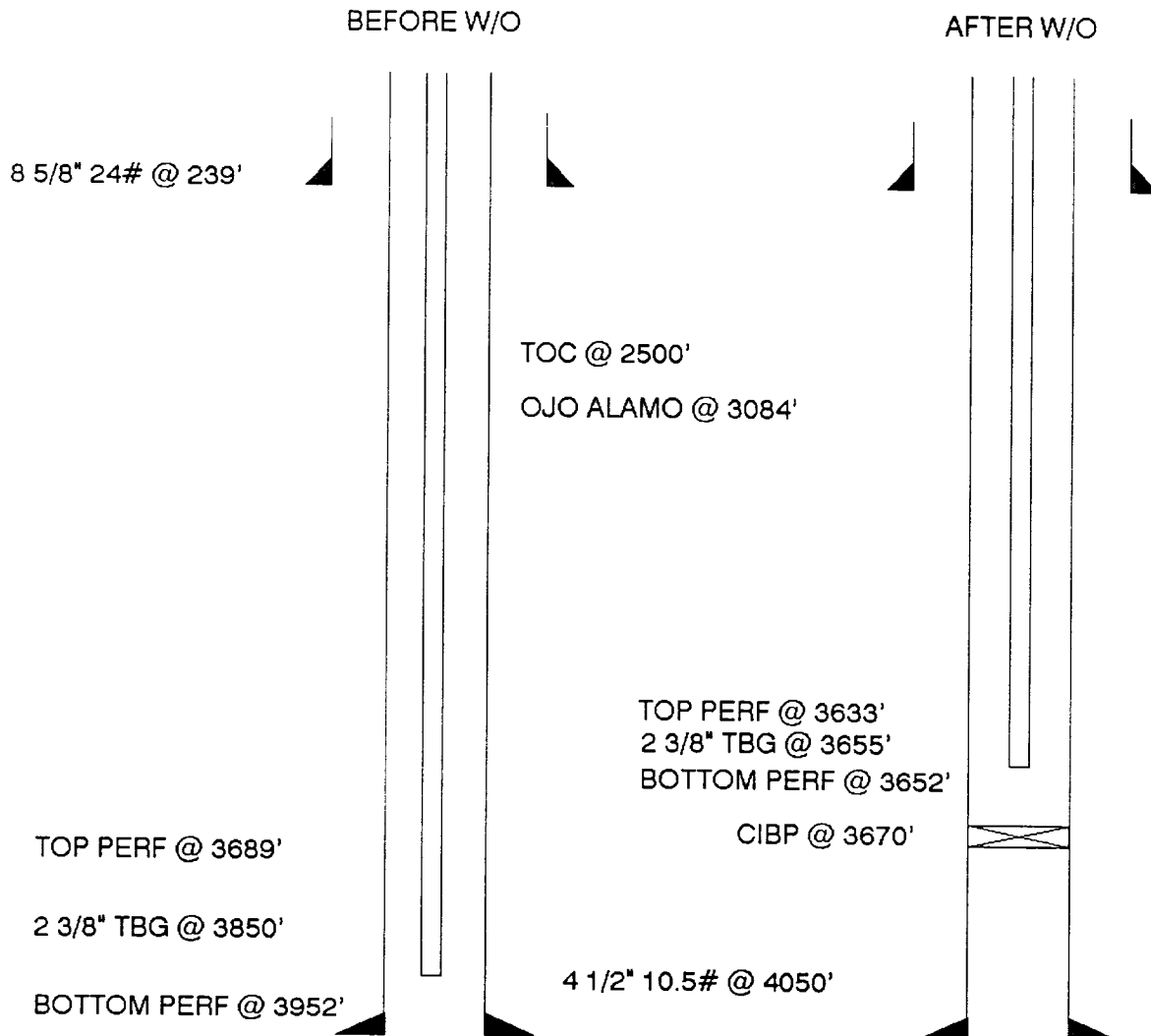
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. **3959**
FRED B. KERR, JR.

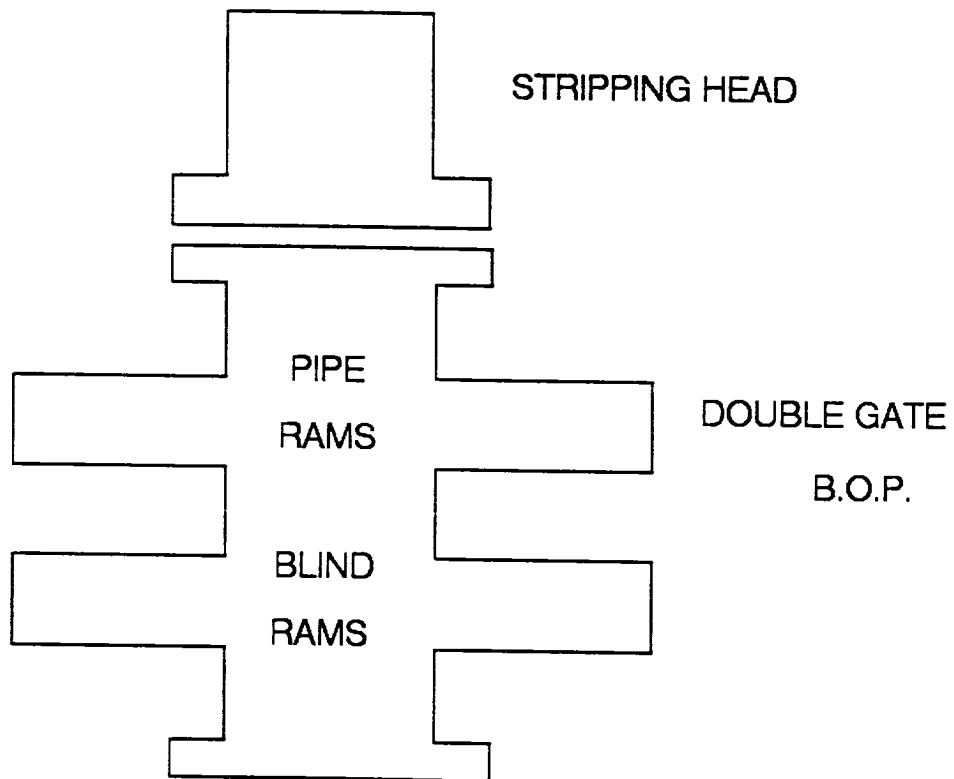
RECOMPLETION PROCEDURE
SIMMS FEDERAL #2

1. MOL and RU. NU BOP and test.
2. TOOH with tubing. TIH with 4 1/2" casing scraper and CO to 3670'. TOOH.
3. RU wireline unit and set a 4 1/2" CIBP @ 3670'. Pressure test casing to 3000 psi for 15 minutes.
4. Run GR-CCL.
5. Shoot 2 SPF for a total of 38 holes from 3633-3652'.
6. Break down perforations with 7 1/2% HCl.
7. Hold safety meeting with all personnel on location. PT surface lines to 4000 psi. Fracture stimulate well with borate cross-link gel. Proppant will consist of 40/70 and 20/40 mesh sand. Maximum pressure is limited to 3000 psi. flowing pressures periodically until well logs off.
8. TIH with tubing and clean out to 3670'.
9. Land tubing with a seating nipple one joint off bottom. Land tubing near 3655'. ND BOP. NU tree. Rig down and release rig.

SIMMS FEDERAL #2 WELLBORE DIAGRAMS



WORKOVER / RECOMPLETION B.O.P. SCHEMATIC



MINIMUM: 6" 2000 PSI DOUBLE GATE B.O.P.
MAXIMUM ANTICIPATED SHUT-IN WELLHEAD
PRESSURE IS LESS THAN 2000 PSI