

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

8. Well No.  
3

9. Pool Name or Wildcat

BASIN FRUITLAND COAL

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

**RECEIVED**  
JUL 13 1990  
OIL CON. DIV.  
DIST. 3

2. Name of Operator  
MERIDIAN OIL INC.

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

4. Well Location  
SEC. 11, T30N, R04W, N.M.P.M. 1540' FNL; 1100' FWL

10. Proposed Depth

11. Formation

12. Rotary or C.T.

13. Elevation  
6853' 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

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

SIGNATURE [Signature] (SHL) TITLE Regulatory Officer DATE 7-13-90

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUL 16 1990  
Conditions of approval, if any:

*Hold C-101 for CAPUSC*

Q 111333 Q

THE 1113

NOV 1960

1113

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

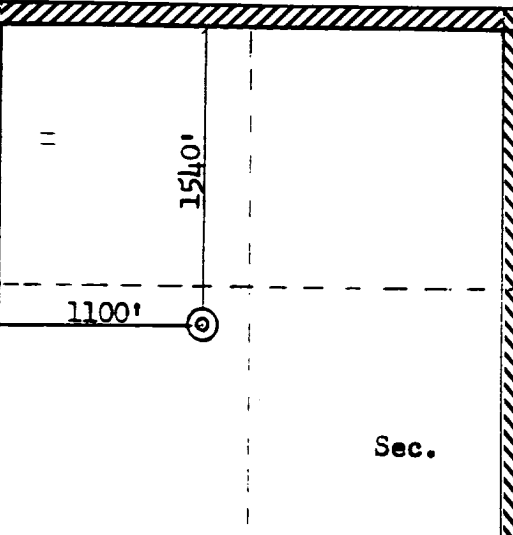
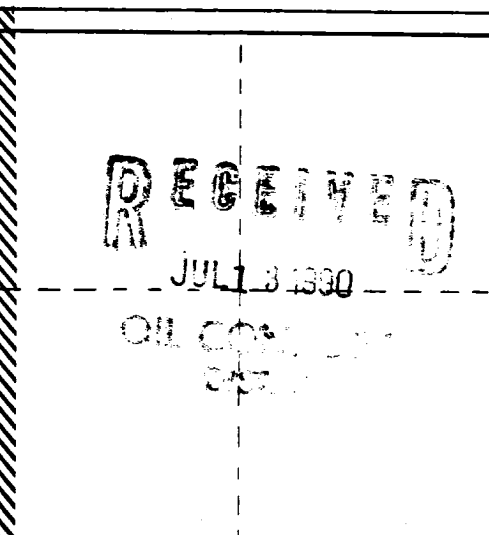
Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>SIMS-FEDERAL (Fee)</b>		Well No. <b>3</b>
Unit Letter <b>E</b>	Section <b>11</b>	Township <b>30N</b>	Range <b>4W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1540</b> feet from the <b>North</b> line and <b>1100</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6853</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin</b>	Dedicated Acreage: <b>320.16</b> 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 agreement will be obtained

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.

			
Sec.			

CERTIFICATION

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

Name  
Peggy Bradfield

Position  
Regulatory Affairs

Company  
Southland Royalty Co

Date  
7-13-90

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  
August 6, 1982

Registered Professional Engineer  
and Land Surveyor

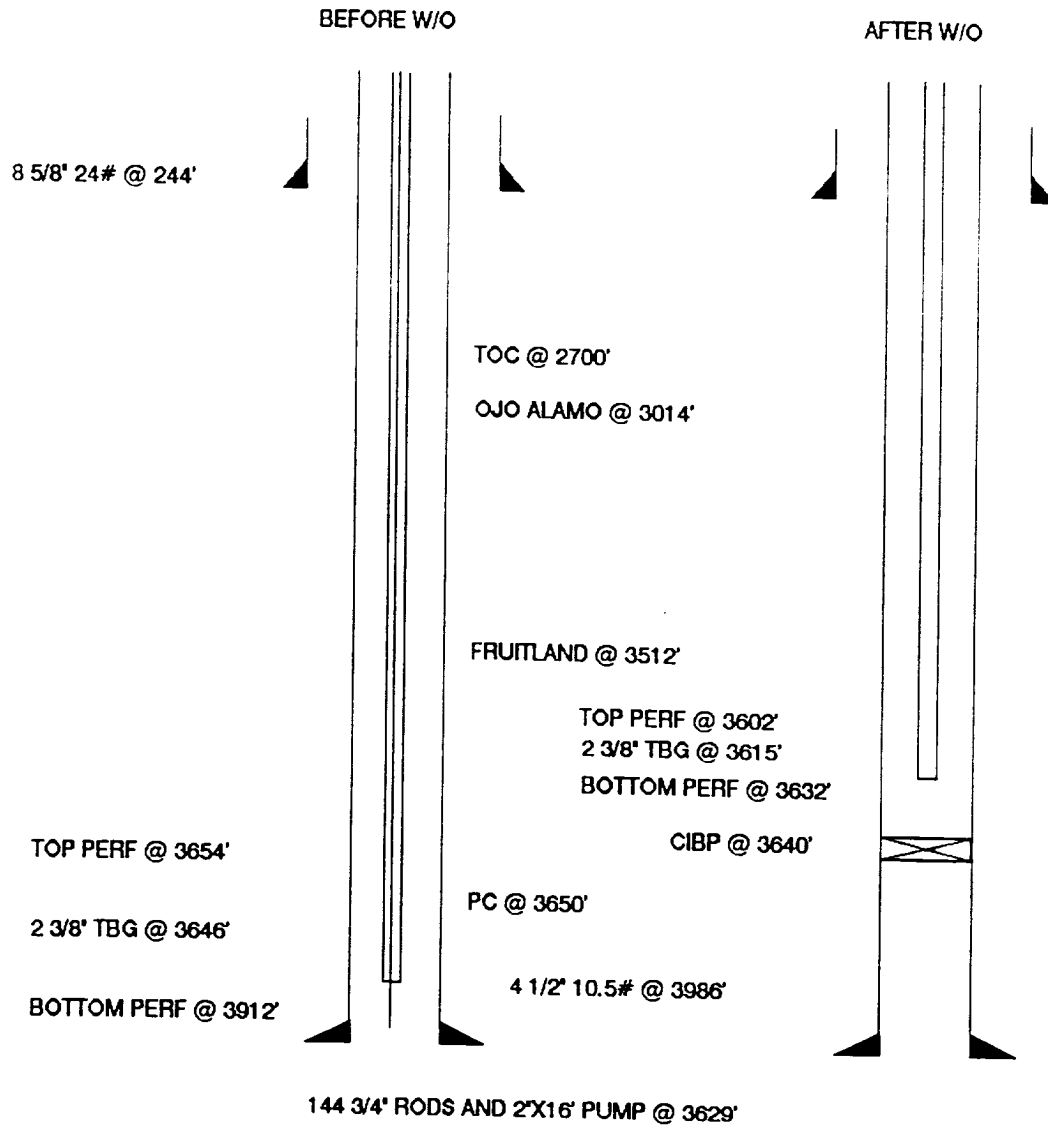
Fred B. Keen Jr.  
Fred B. Keen Jr.

Certificate No.

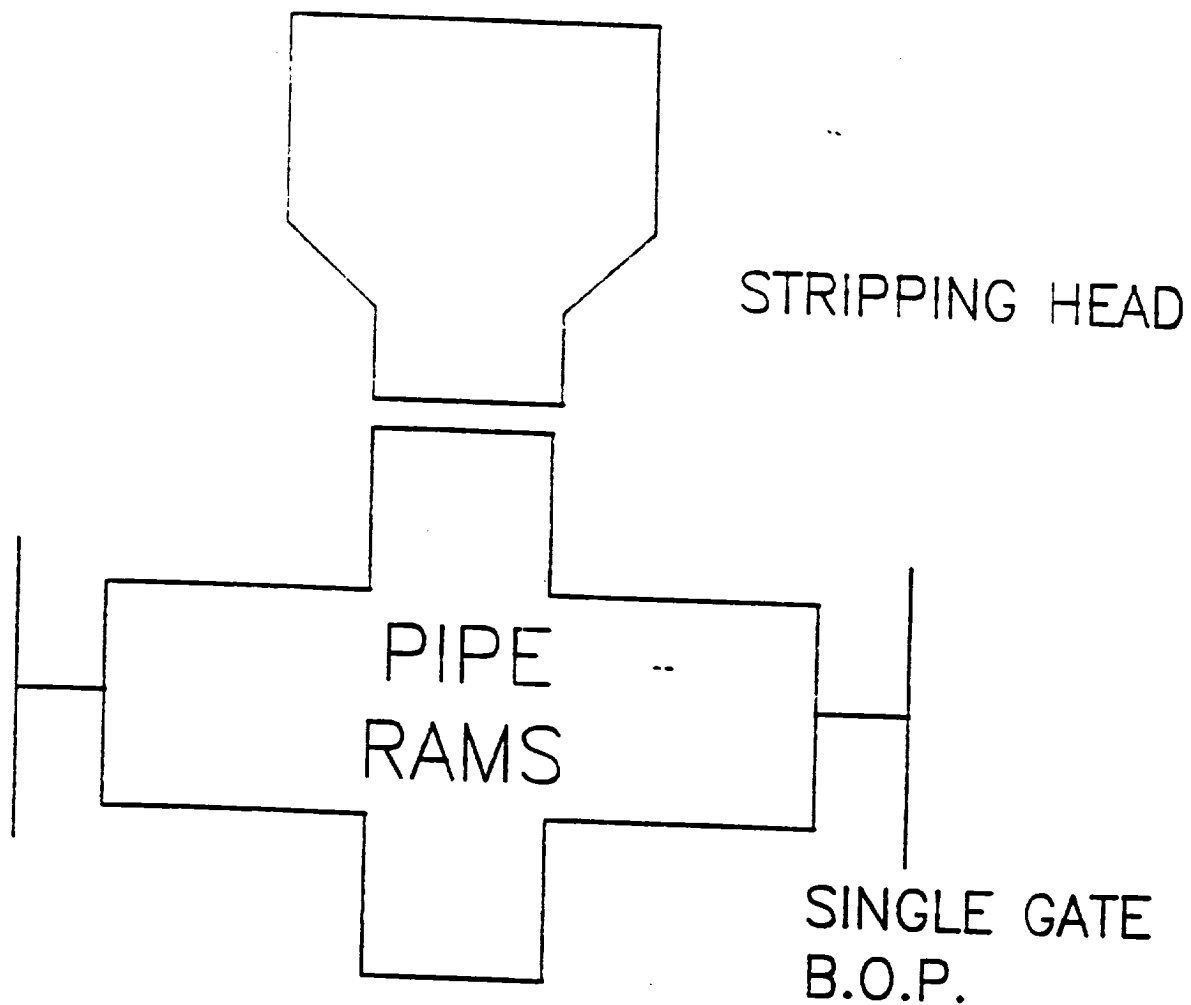
RECOMPLETION PROCEDURE  
SIMMS FEDERAL #3

1. Prepare location for workover. Install or replace anchors as necessary.
2. MOL with workover rig, hold safety meeting, install safety signs and proper fire equipment at strategic points. Comply with all BLM, NMOCD, and MOI regulations.
3. Rig up blow lines, record tubing and casing pressures and blow well down. NU 6" 3000 psi BOP and test. Load hole with water.
4. TOOH with sucker rods, pump, and 2-3/8" 4.7# J-55 tubing.
5. PU 4 1/2" casing scraper and TIH with 2 3/8" 4.7# J-55 EUE tubing. CO to 3640'. TOOH.
6. RU wireline unit and set a 4 1/2" CIBP near 3640'. Pressure test casing to 3000 psi for 15 minutes.
7. Run GR-CCL from 3640'-2640'.
8. Perforate across coal.
- 9. TIH with 2 3/8" tubing and swab wellbore dry. Check well for gas flow. Evaluate well overnight. Check well for buildup pressure and gas flow.
10. Fracture stimulate well based on results of Step #9.
11. TIH with 2 3/8" tubing and clean out to 3640'.
12. When well is clean, land 2 3/8" tubing with a common pump seating nipple one joint off bottom. Swab well in. Record final 30, 45 and 60 minute gauges on morning report. ND BOP. NU tree. Rig down and release rig.

SIMMS FEDERAL #3  
WELLBORE DIAGRAMS



# WORKOVER / RECOMPLETION B. O. P. SCHEMATIC



MINIMUM: 2 7/8" 1500 PSI SINGLE GATE B.O.P.

MAXIMUM ANTICIPATED SHUT-IN WELLHEAD  
PRESSURE IS LESS THAN 1500 PSI