

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.

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

7. Lease Name or Unit Agreement Name
GOULDING

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MAY 14 1990

2. Name of Operator
SOUTHLAND ROYALTY CO.

8. Well No.
#1

OIL CON. DIV

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

9. Pool Name or Wildcat
BASIN FRUITLAND COAL

4. Well Location

SEC 02, T31N, R12W

1850' FNL; 1850' FEL

10. Proposed Depth

11. Formation

12. Rotary or C.T.

13. Elevation
6263' 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] (CJS) TITLE Regulatory Officer DATE 5-9-90

NOTE: (NO ADDITIONAL DIRT WORK WILL BE REQUIRED)

(This space for State Use)

APPROVED BY [Signature] TITLE _____ DATE _____
Conditions of approval, if any:

Hold C-101 for CA & Cancel Patterson Com #100

1915 10 10

OR CIV DIV
1015

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 Southland Royalty Company		Lease Goulding (Fee)		Well No. 1
Unit Letter G	Section 2	Township 31 North	Range 12 West	County San Juan
Actual Footage Location of Well: 1850 feet from the North line and 1850 feet from the East line				
Ground level Elev. 6263'	Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 318.95 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Prepared from a plat
dated 2-16-71
by Fred B. Kerr Jr.

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OIL CON. DIV.

DEPT. 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

5-9-90

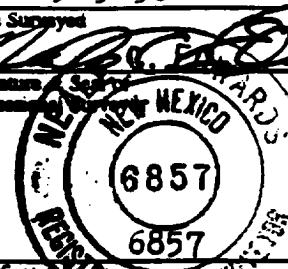
SURVEYOR CERTIFICATION

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.

5-9-90

Date Surveyed

Signature
Professional Surveyor



Certificate No.

Neale C. Edwards

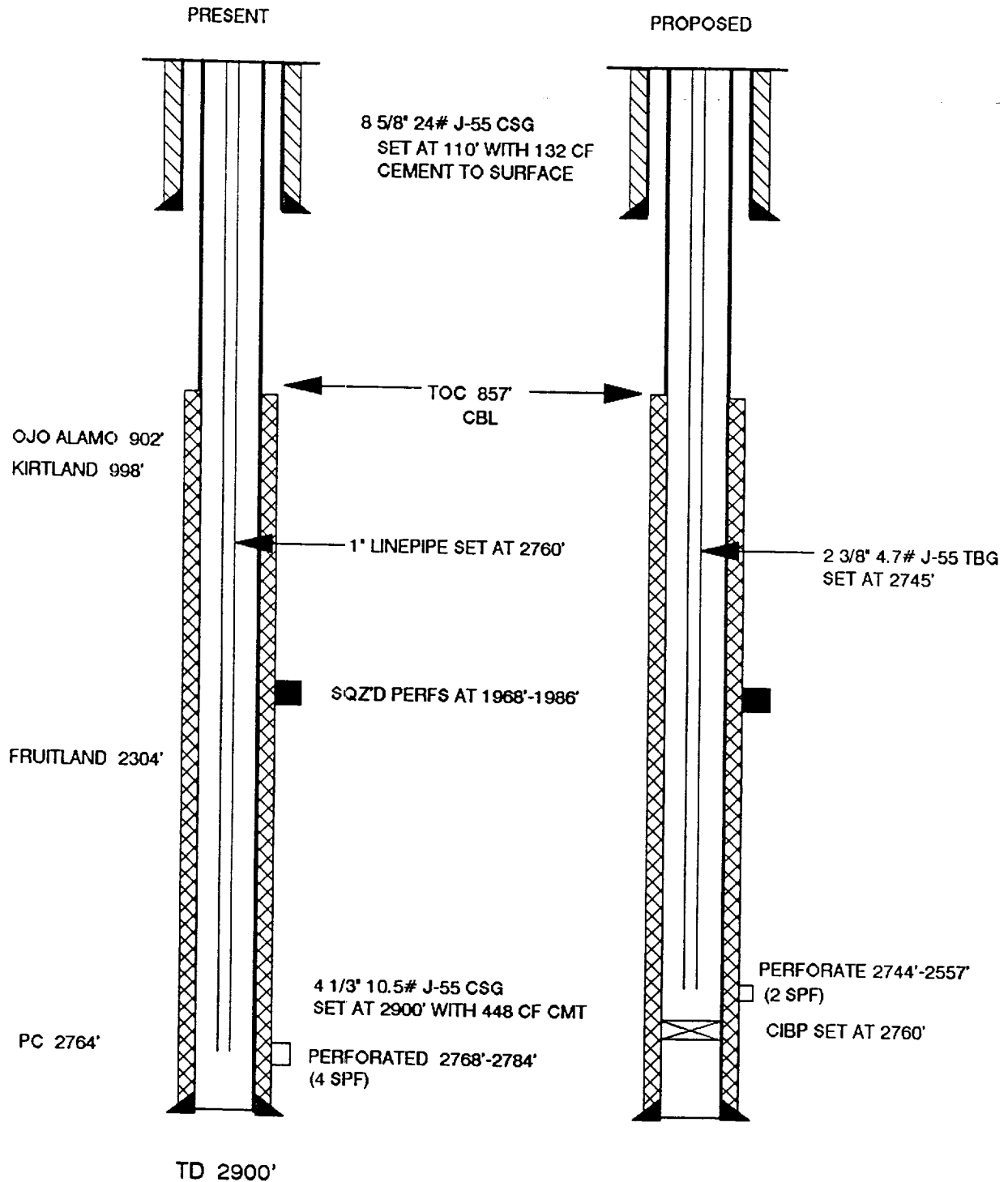
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Goulding #1
Procedure to Recomplete Fruitland Coal

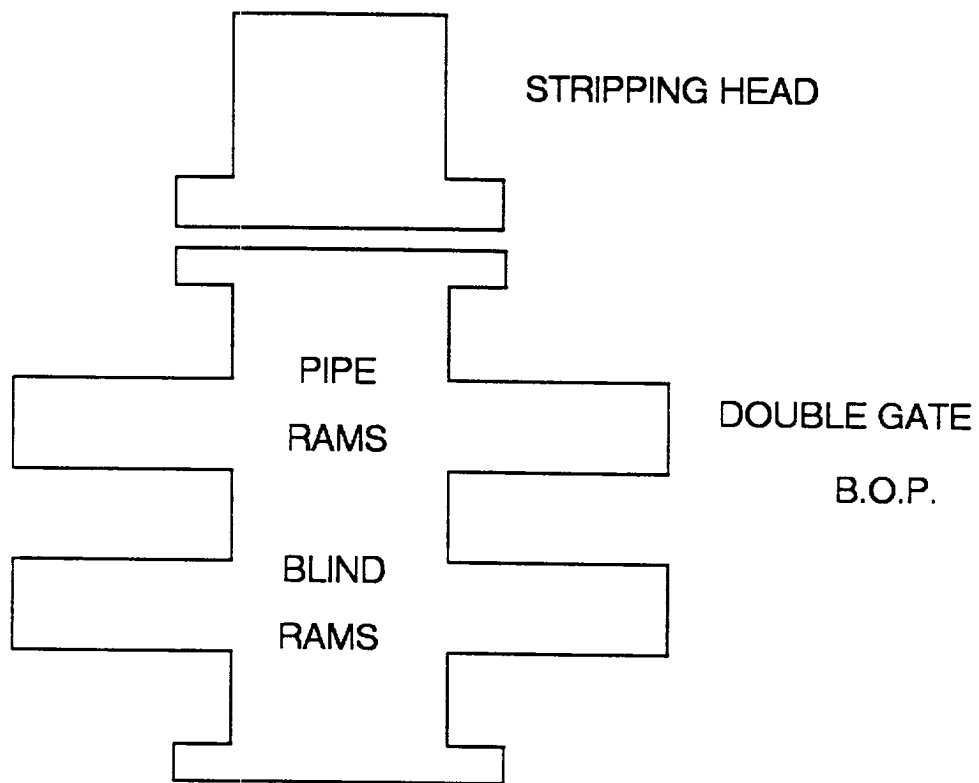
1. Check location anchors.
2. MOL and rig up daylight pulling unit with rip pump and blow tank.
3. Kill PC with water as needed. ND wellhead. NU BOP. TOOH with 1" tubing.
4. Run CNL-GR-CCL. Set cast iron bridge plug at 2760'.
5. Pressure test casing to 3000 psi for 15 minutes.
6. Perforate the Fruitland Coal interval.
7. Pick up retrievable bridge plug and packer. TIH on 2 3/8" tubing. Isolate each coal interval and breakdown.
8. Fracture stimulate well.
9. Open well through variable choke and flow back slowly.
10. TIH with 2 3/8" tubing with expendable check on bottom. Blow well with air.
11. Obtain and record gauges. When returns dry up, TOOH with 2 3/8" tubing.
12. TIH with 2 3/8" 4.7# EUE tubing with pump out plug on bottom and common pump seating nipple one joint off bottom. Land tubing at 2745'. Nipple down BOP. Nipple up wellhead.

GOULDING #1
WELLBORE DIAGRAMS

UNIT G SECTION 2 T31N-R12W
FRUITLAND COAL RECOMPLETION



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