

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK - 0 24 0-10

1a. TYPE OF WORK
PLUGBACK
1b. TYPE OF WELL
GAS

2. OPERATOR
SOUTHLAND ROYALTY COMPANY

3. ADDRESS & PHONE NO. OF OPERATOR
P. O. BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1750' FSL; 1080' FWL

5. LEASE NUMBER
NMSF-077652
6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
EAST
9. WELL NO.
17

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL
11. SEC. T. R. M OR BLK.
L SEC. 26, T2N, R12W

12. COUNTY
SAN JUAN
13. STATE
NM

14. DISTANCE IN MILES FROM NEAREST TOWN

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.

16. ACRES IN LEASE

17. ACRES ASSIGNED TO WELL
320.00

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.

19. PROPOSED DEPTH
2535'

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (DF, FT, GR, ETC.)
6094' GL

22. APPROX. DATE WORK WILL START
04-23-90

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS

24. AUTHORIZED BY: *[Signature]* (CJS)
REGULATORY AFFAIRS

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APR 18 1990

OIL CON. DIV.
DIST. 3

4-4-90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3

APPROVED

APR 13 1990
Ken Tomlinson
AREA MANAGER

NMCOO

*Cancel EAST #100
HOLD C 104*

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OCT 8 1930
OIL CO. DIV.
FBI

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 1-1-80

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1900, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Aramis, 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 Co			Lease East (SF-077652)		Well No. 17
Unit Letter L	Section 26	Township 31 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1750 feet from the South line and 1080 feet from the West line					
Ground level Elev. 6094'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or lacquer 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 allowance 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.

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OIL CON. DIV.
DIST. 3

Not re-surveyed;
prepared from a plat by
Fred Kerr 5-20-69

OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Southland Royalty Co

Company

Date

4-4-90

SURVEYOR CERTIFICATION

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

Neale Edwards
Signature

Professional Surveyor



Neale Edwards

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 10230 10560 10890 11220 11550 11880 12210 12540 12870 13200 13530 13860 14190 14520 14850 15180 15510 15840 16170 16500 16830 17160 17490 17820 18150 18480 18810 19140 19470 19800 20130 20460 20790 21120 21450 21780 22110 22440 22770 23100 23430 23760 24090 24420 24750 25080 25410 25740 26070 26400 26730 27060 27390 27720 28050 28380 28710 29040 29370 29700 30030 30360 30690 31020 31350 31680 32010 32340 32670 33000 33330 33660 33990 34320 34650 34980 35310 35640 35970 36300 36630 36960 37290 37620 37950 38280 38610 38940 39270 39600 39930 40260 40590 40920 41250 41580 41910 42240 42570 42900 43230 43560 43890 44220 44550 44880 45210 45540 45870 46200 46530 46860 47190 47520 47850 48180 48510 48840 49170 49500 49830 50160 50490 50820 51150 51480 51810 52140 52470 52800 53130 53460 53790 54120 54450 54780 55110 55440 55770 56100 56430 56760 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487740 488070 488400 488730 489060 489390 489720 490050 490380 490710 491040 491370 491700 492030 492360 492690 493020 49

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1964 APR 15

OFF. COMM. DIV.

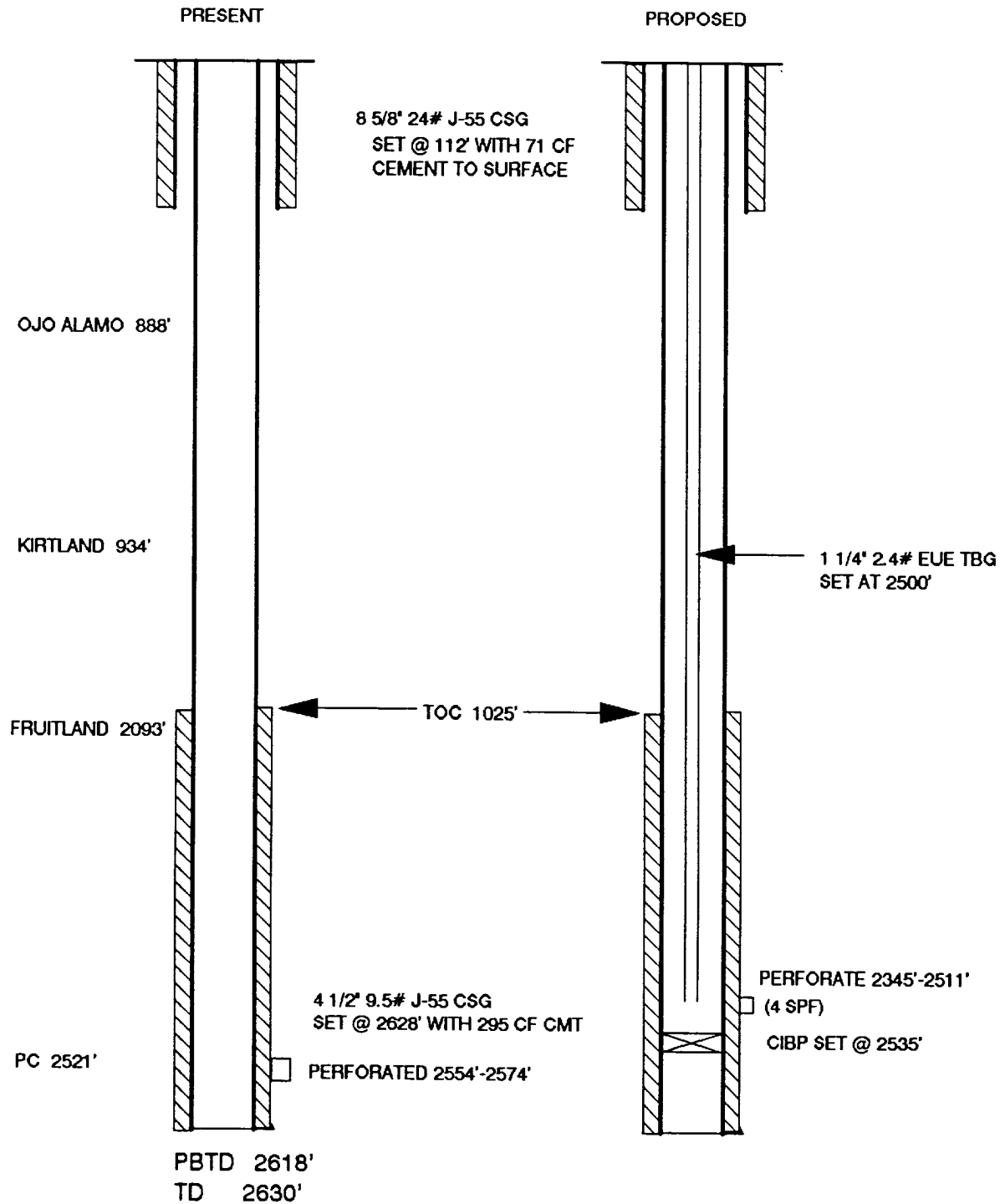
FILE 3

East #17
Procedure to Recomplete Fruitland Coal

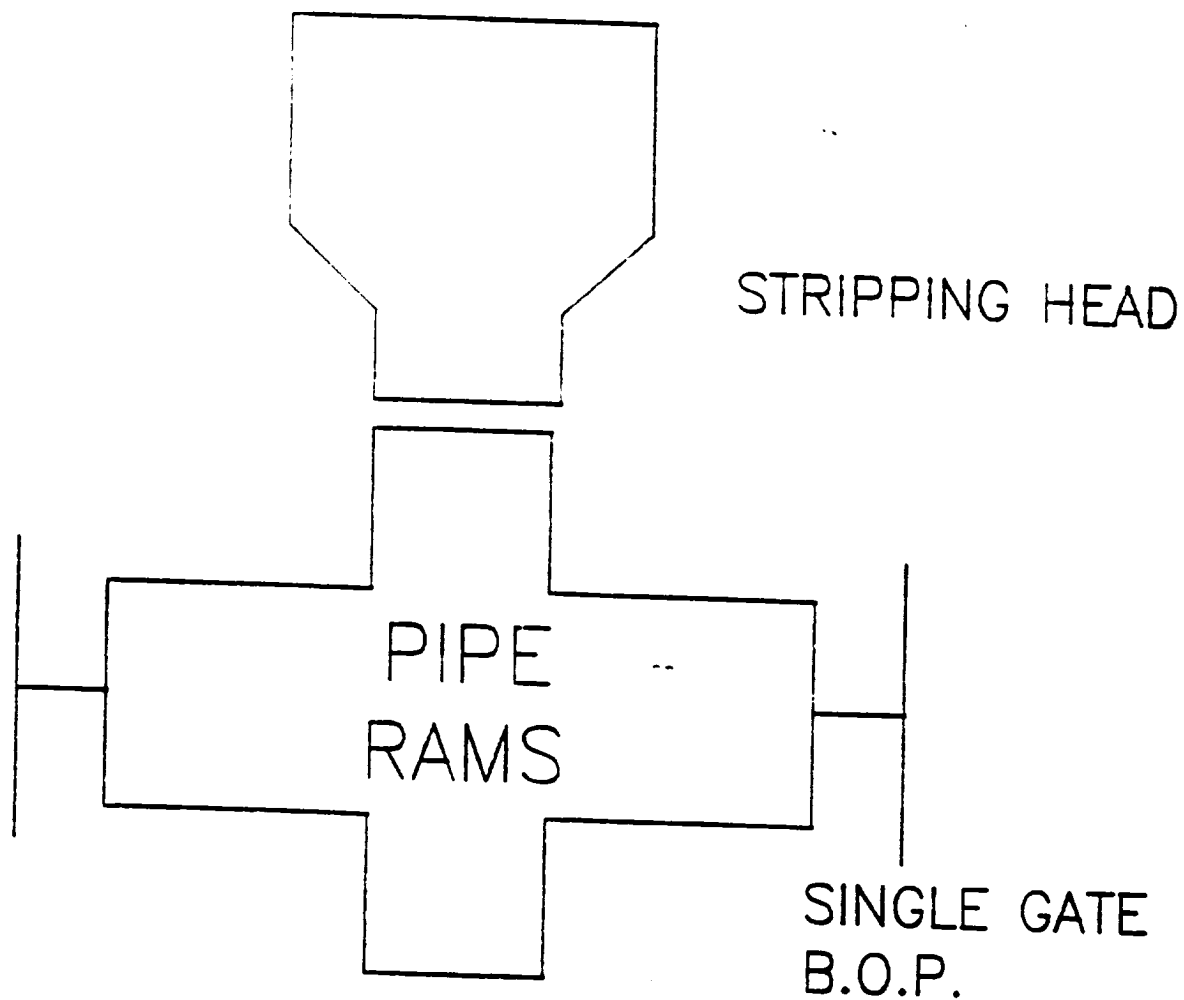
1. Check location anchors.
2. MOL and rig up daylight pulling unit with rip pump and blow tank. ND wellhead and NU BOP.
3. Kill PC with water as needed. TOOH with 1" tubing and TIH with workstring and casing scraper.
4. Run CNL-CCL-GR. Set cast iron bridge plug at 2535'.
5. Cut off 1M tubinghead and weld on 3M tubinghead. Pressure test casing to 4000 psi for 15 minutes.
6. Perforate the Fruitland Coal interval.
7. Pick up retrievable bridge plug and packer. TIH on 2 3/8" workstring. Isolate each coal interval and breakdown.
8. Fracture stimulate well.
9. Open well through variable choke and flow back slowly.
10. Nipple up Bowen BOP. TIH with 1 1/4" tubing with expendable check on bottom. Blow well with air.
11. Obtain and record gauges. When returns dry up, TOOH with 1 1/4" tubing.
12. TIH with 1 1/4" 2.4# EUE tubing with pump out plug on bottom and common pump seating nipple one joint off bottom. Land tubing at 2500'. Nipple down BOP. Nipple up wellhead.

EAST #17
WELLBORE DIAGRAMS

UNIT L SECTION 26 T31N-R12W
FRUITLAND COAL RECOMPLETION



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