

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK PLUG BACK	5. LEASE NUMBER SF-080671-A
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR EL PASO NATURAL GAS CO.	7. UNIT AGREEMENT NAME SAN JUAN 27-4 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 87499 (505) 326-9700	8. FARM OR LEASE NAME
4. LOCATION OF WELL 1470' FSL; 1850' FEL	9. WELL NO. NP 122
14. DISTANCE IN MILES FROM NEAREST TOWN	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 02, T27N, R04W
	12. COUNTY RIO ARRIBA
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE
	17. ACRES ASSIGNED TO WELL 319.96
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH
	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (DF, FT, GR, ETC.) 7184' GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

\*SEE OPERATIONS

24. AUTHORIZED BY: *Ken Townsend* (JBK)  
REGULATORY AFFAIRS

RECEIVED  
SEP 11 1990

8-9-90  
DATE

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

OIL CON. DIV.  
DIST. 3

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.  
(NO ADDITIONAL DIRT WORK WILL BE REQUIRED)

APPROVED

SEP 04 1990  
Ken Townsend

FOR AREA MANAGER

NMOCD

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

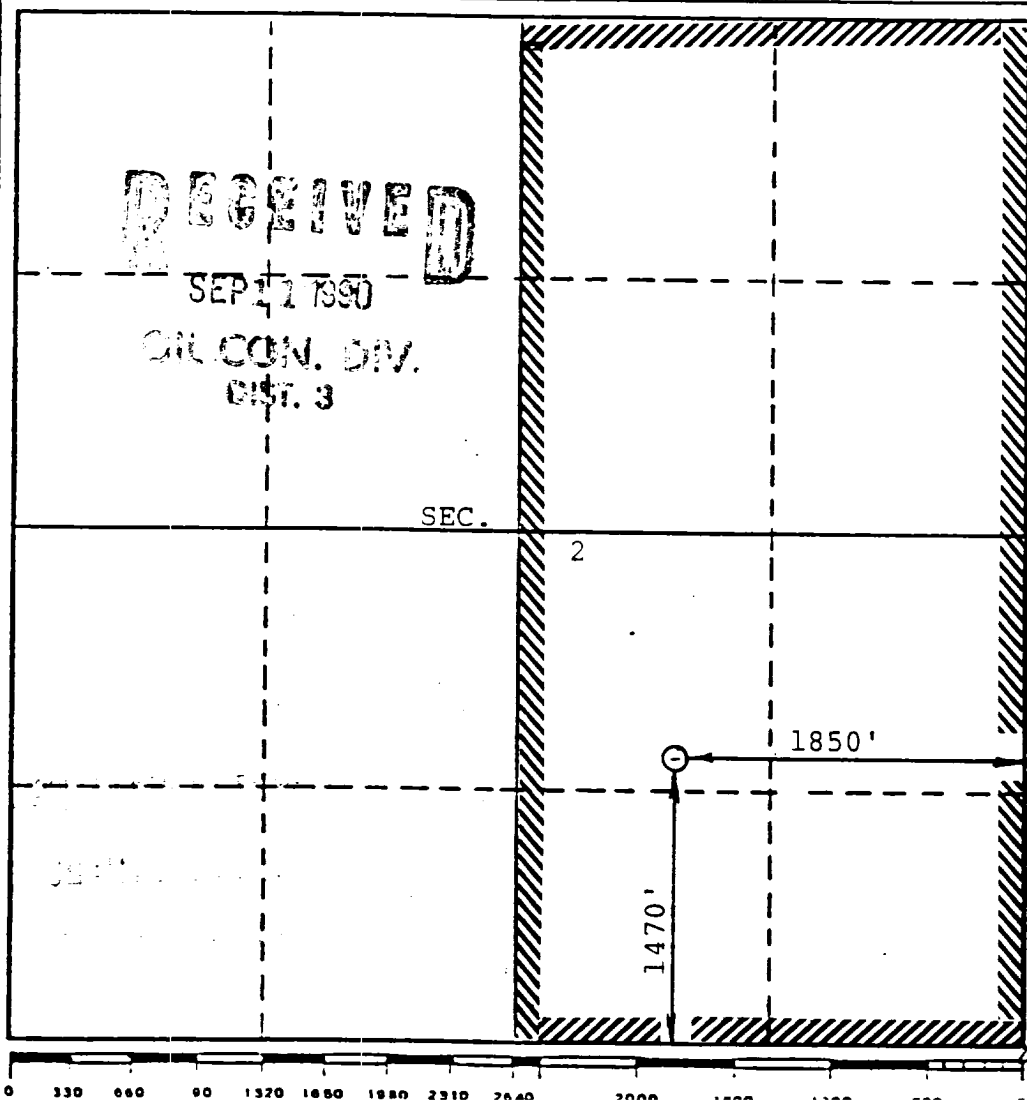
Operator EL PASO NATURAL GAS COMPANY			Lease SAN JUAN 27-4 UNIT (SE 080671-4)		Well No. 122
Unit Letter J	Section 2	Township 27 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 1470 feet from the South line and 1850 feet from the East line					
Ground Level Elev. 7184	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320.00 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

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 Division



CERTIFICATION

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

Name  
Regulatory Affairs  
Position  
El Paso Natural Gas Co  
Company  
8-9-98  
Date

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  
June 6, 1982  
Registered Professional Engineer,  
and/or Land Surveyor  
Certificate No. 1760  
David O. Wilven

**Recompletion Procedure**  
**San Juan 27-4 Unit NP #122**

1. Inspect location and location anchors. Repair location and location anchors if necessary.
2. MIRU. Hold safety meeting. Place fire and safety equipment in strategic locations. Comply with all BLM and MOI rules and regulations.
3. Kill well with fresh water if necessary. ND WH and NU BOP. TOOH with 2-3/8" tubing set @ 6578'. Visually inspect and replace tubing as needed.
4. TIH with tubing open ended and tag PBTD. Spot 100 sxs Class B neat 2% CaCl<sub>2</sub> cement from PBTD to 5806'. PUH 3 stands and reverse circulate two tubing volumes. PUH 3 stands and WOC 6 hours.
5. Tag TOC with tubing and record depth (TOC should be no deeper than 5806'). TOOH with tubing. Pressure test casing and cement plug to 500 psi for 15 minutes. If pressure test fails, locate failure and contact production engineering. A repair or P&A procedure will be supplied. If test holds, TIH with 7" 23# casing scraper and tubing. Clean out to 4100'. TOOH.
6. RU wireline and run CBL-CCL-GR from 4150' to TOC. Run CBL under 1000 psi if necessary. TIH with 2 joints of tubing and packer. Set packer and pressure test casing to 3000 psi for 15 minutes. TOOH. Perforate coal intervals listed below. RD wireline.

Coal intervals to be perforated:

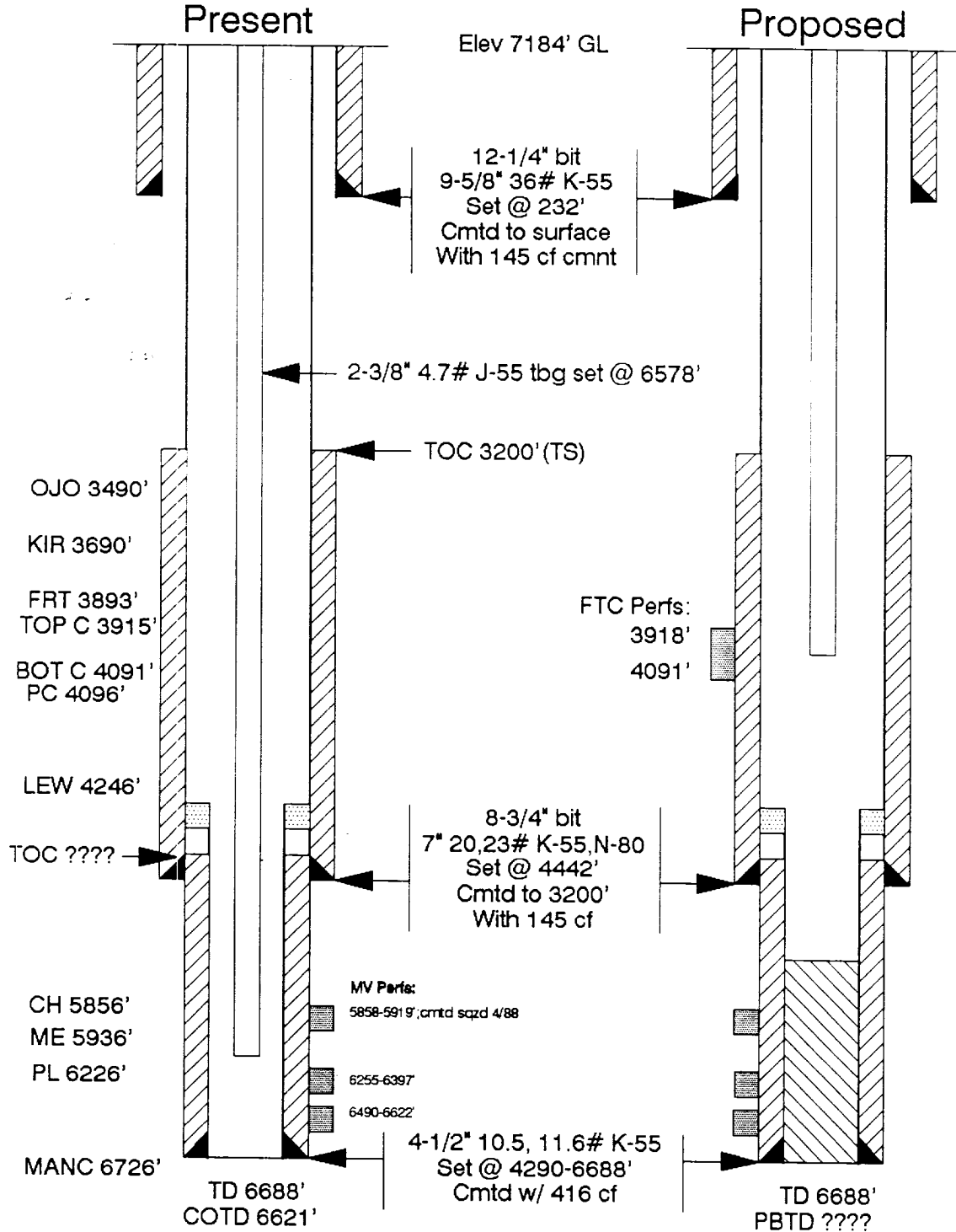
3918-21'	4030-32'
3938-41'	4057-60'
3967-77'	4087-91'
3980-82'	
3986-90'	

7. TIH with tubing and straddle packer. Break down perforations. TOOH.
8. Fracture stimulate the well.
9. SI well immediately after frac for 4 hours for gel break.
10. Clean well up.
11. ND BOP, NU WH. RDMO.

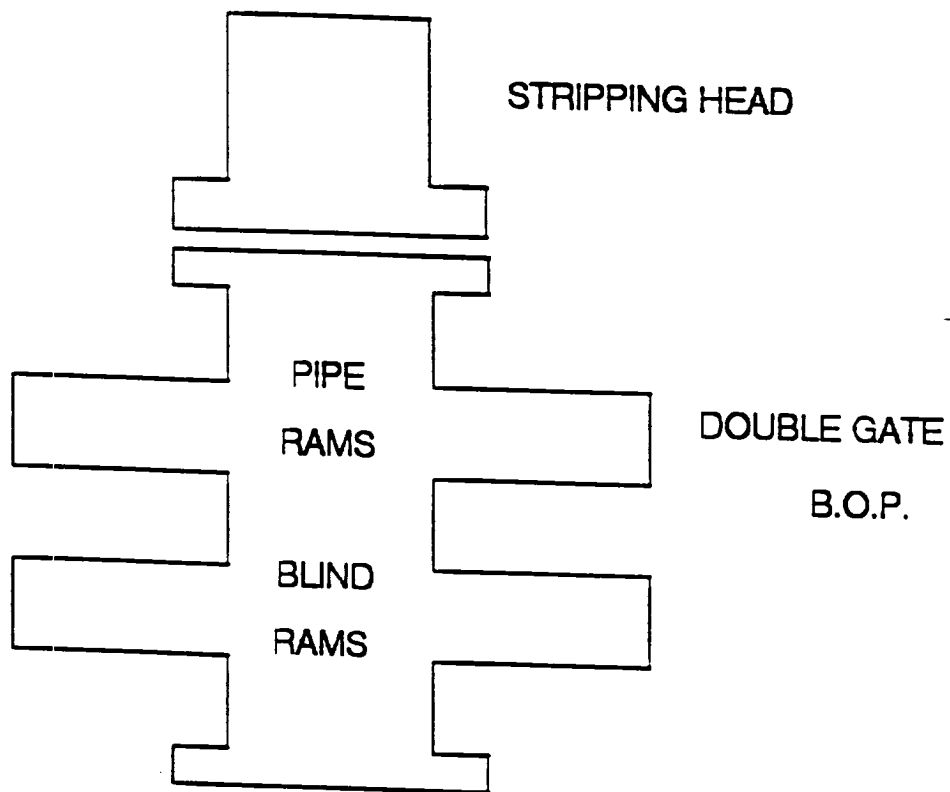
# San Juan 27-4 Unit NP #122

Sec 2, T27N R4W

## 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