

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED  
NOV 27 1990  
OIL CON. DIV.  
DIST 13

1a. TYPE OF WORK PLUG BACK	5. LEASE NUMBER SF-078912
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR El Paso Natural Gas Co.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 87499 (505) 326-9700	8. FARM OR LEASE NAME Lindrith Unit
4. LOCATION OF WELL 990' FNL, 990' FEL	9. WELL NO. #24
14. DISTANCE IN MILES FROM NEAREST TOWN	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. Section 11, T24N, R03W
16. ACRES IN LEASE	12. COUNTY Rio Arriba
17. ACRES ASSIGNED TO WELL 320.00	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (DF, FT, GR, ETC.) 7051' GL	22. APPROX. DATE WORK WILL START
23. PROPOSED CASING AND CEMENTING PROGRAM *SEE OPERATIONS PLAN	
24. AUTHORIZED BY: REGULATORY AFFAIRS	(JBK) DATE

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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

APPROVED

NOV 16 1990

Ken T. [Signature]  
FOUR AREA MANAGER

NMOCD

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 00, 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 <i>El Paso Natural Gas Company</i>		Lease Lindriith Unit		Well No. 24
Unit Letter A	Section 11	Township 24 North	Range 3 West	County Rio Arriba
Actual Footage Location of Well: 990 feet from the North line and 990 feet from the East line				
Ground level Elev. 7051'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres

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

Not resurveyed:  
Prepared from a plat;  
By: James P. Leese  
Dated: March 15, 1958

RECEIVED  
OIL CONSERVATION DIVISION  
MARCH 15 1958

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

El Paso Natural Gas

Company

11-2-90

Date

SURVEYOR CERTIFICATION

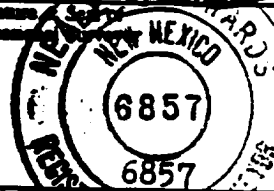
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

11-2-90

Date Surveyed

Signature

Professional Surveyor



Certified

Neale C. Edwards

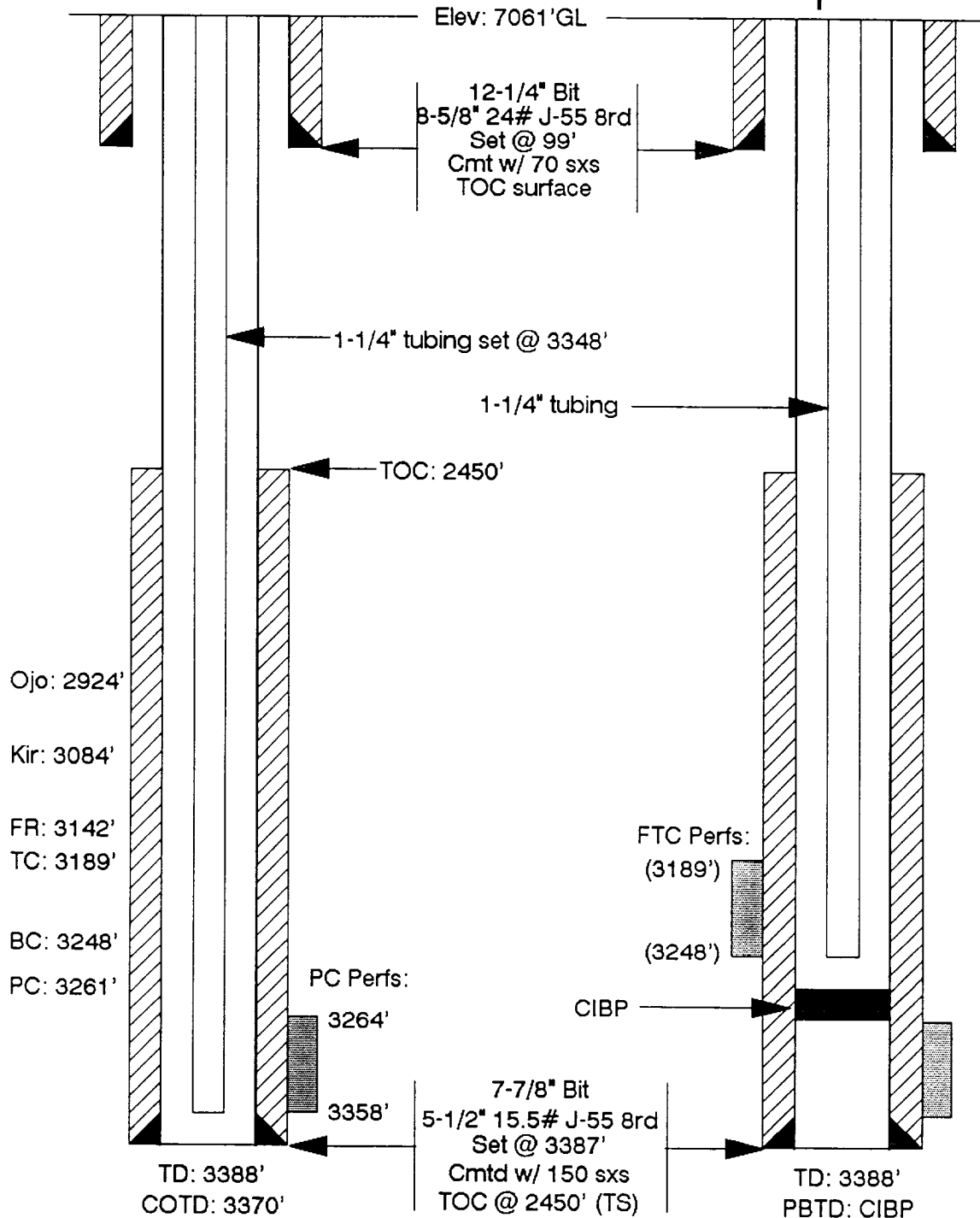
# Lindrith Unit #24

## Fruitland Coal Recompletion

Sec 11, T24N-R03W

### Present

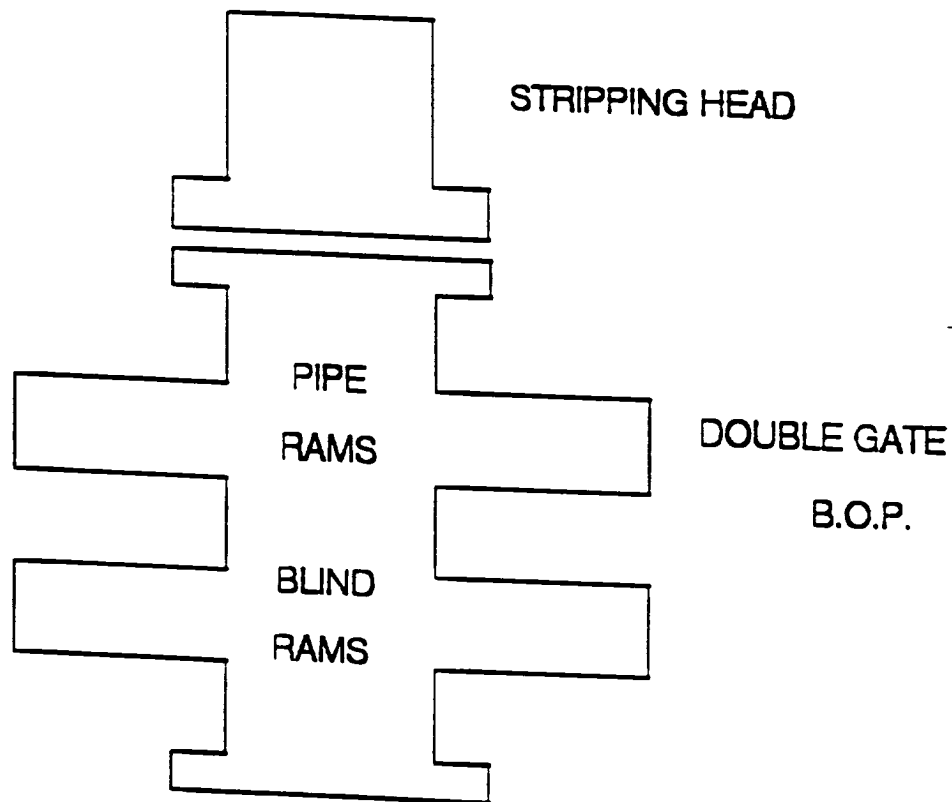
### Proposed



**Recompletion Procedure  
Lindrith Unit #24**

1. Inspect and repair if necessary the location and location anchors. All work is to be done on existing wellpad with no new surface disturbance.
2. MIRU. Hold safety meeting. Place fire and safety equipment in strategic locations. Comply with all MOI, NMOCD and BLM rules and regulations.
3. Kill PC with water if needed. ND WH, NU BOP. TOOH with 3338' of 1-1/4" tubing. Visually inspect tubing and replace as needed.
4. RU wireline. Run GR-CCL-CNL.. Wireline set a CIBP above PC perforations Run CBL-CCL-GR from PBTD to TOC (2450' by TS) under 1000 psi if necessary.
5. Hold safety meeting. Pressure test BP and casing to 3000 psi for 15 minutes. If test fails, TIH with tbg and packer and locate failure to within 30'. A P&A or repair procedure will be supplied by production engineering.
6. Perforate coal intervals picked from CNL.
7. PU and TIH with 2-3/8" workstring and straddle packer. Break down perforations with HCl.
8. TIH hole with tubing and swab well in. After acid has been recovered, obtain 2 hour gauge and 2 hour SI pressure. TOOH.
9. RU stimulation company. Hold safety meeting. Pressure test surface lines to 4000 psi; 3000 psi maximum allowable treating pressure. Fracture stimulate coal.
10. TIH with 1-1/4" tubing with SN one joint off bottom of string. CO to TD and gauge well for 2 hours. Land tubing one joint off bottom. Obtain final gauge. ND BOP, NU WH. RDMO.

# 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