

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

**RECEIVED**  
JUN 26 1990

**OIL CON. DIV.**

**DIST. 3**

1a. TYPE OF WORK

PLUG BACK

1b. TYPE OF WELL

GAS

2. OPERATOR

*Meridian Oil*  
~~EL PASO NATURAL GAS CO.~~

3. ADDRESS & PHONE NO. OF OPERATOR

P.O. BOX 4289

FARMINGTON, NM 87499

(505) 326-9700

4. LOCATION OF WELL

990' FSL; 990' FWL

5. LEASE NUMBER

NM-01366

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME

HUERFANO UNIT

8. FARM OR LEASE NAME

9. WELL NO.

12

10. FIELD, POOL, OR WILDCAT

BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.

SEC. 04, T26N, R10W

14. DISTANCE IN MILES FROM NEAREST TOWN

12. COUNTY

SAN JUAN

13. STATE

NM

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

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (DF, FT, GR, ETC.)

6683' GL

22. APPROX. DATE WORK WILL START

23.

PROPOSED CASING AND CEMENTING PROGRAM

\*SEE OPERATIONS PLAN

24. AUTHORIZED BY:

*[Signature]*  
REGULATORY AFFAIRS

(JBK)

*5-22-90*

DATE

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

**APPROVED**

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

NMOCD

JUN 21 1990  
*[Signature]*  
AREA MANAGER

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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 El Paso Natural Gas		Lease Huerfano Unit (NM-01366)		Well No. 12	
Unit Letter H	Section 4	Township 26 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 990 feet from the South line and 990 feet from the West line					
Ground level Elev. 6683'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 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 interest, has been approved by the Division.

Prepared from a plat  
dated 11-18-55 by  
Ewell U. Walsh.

RECEIVED

JUN 26 1990

OIL CON. DIV.  
DIST. 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

El Paso Natural Gas

Company

5-22-90

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.

5-17-90

Date Surveyed

Signature

Professional Seal

NEALE G. EDWARDS

NEW MEXICO  
6857  
REGISTERED LAND SURVEYOR

Certificate No.

Neale G. Edwards

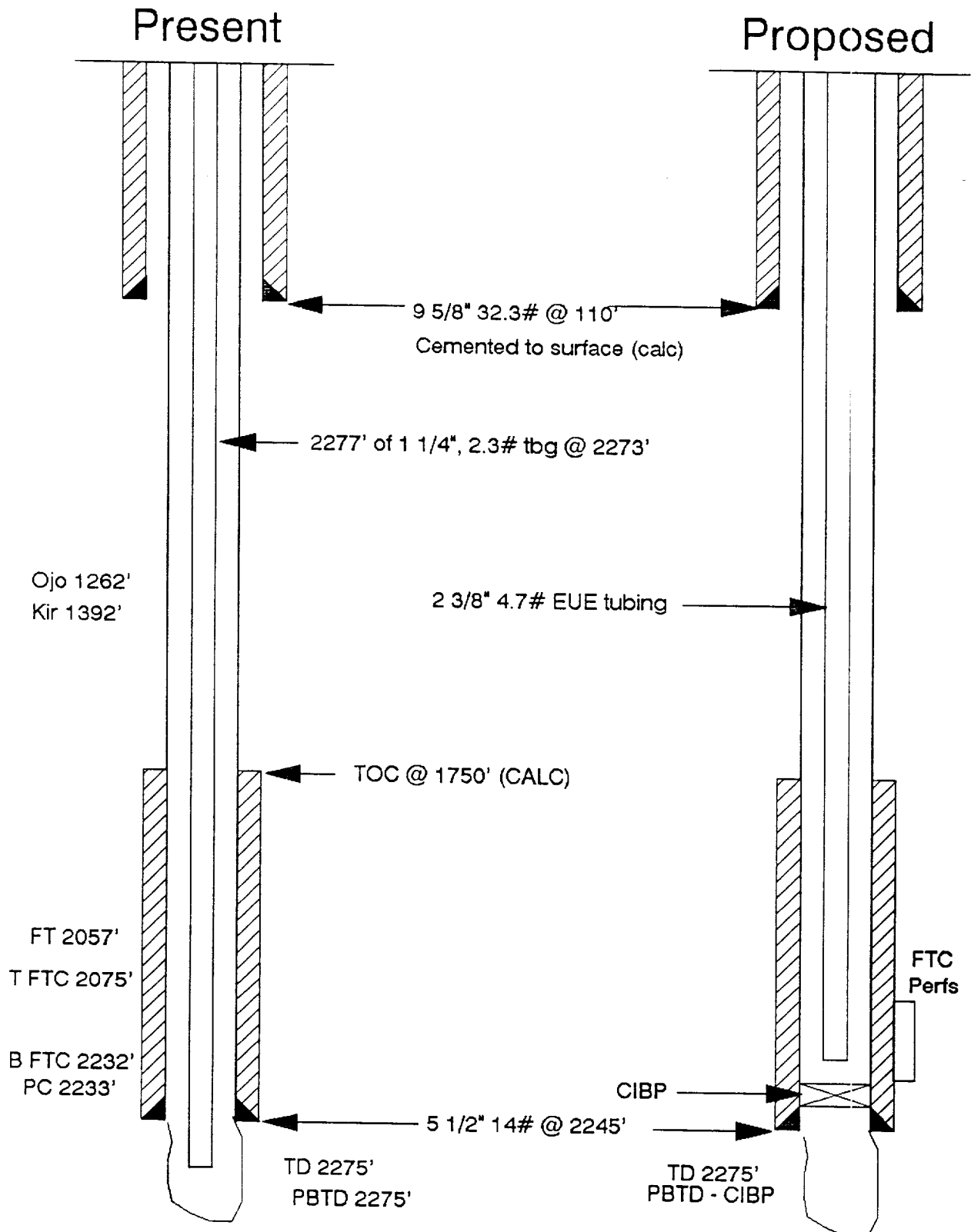
0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 0

**Huerfano Unit #12  
Recompletion Procedure**

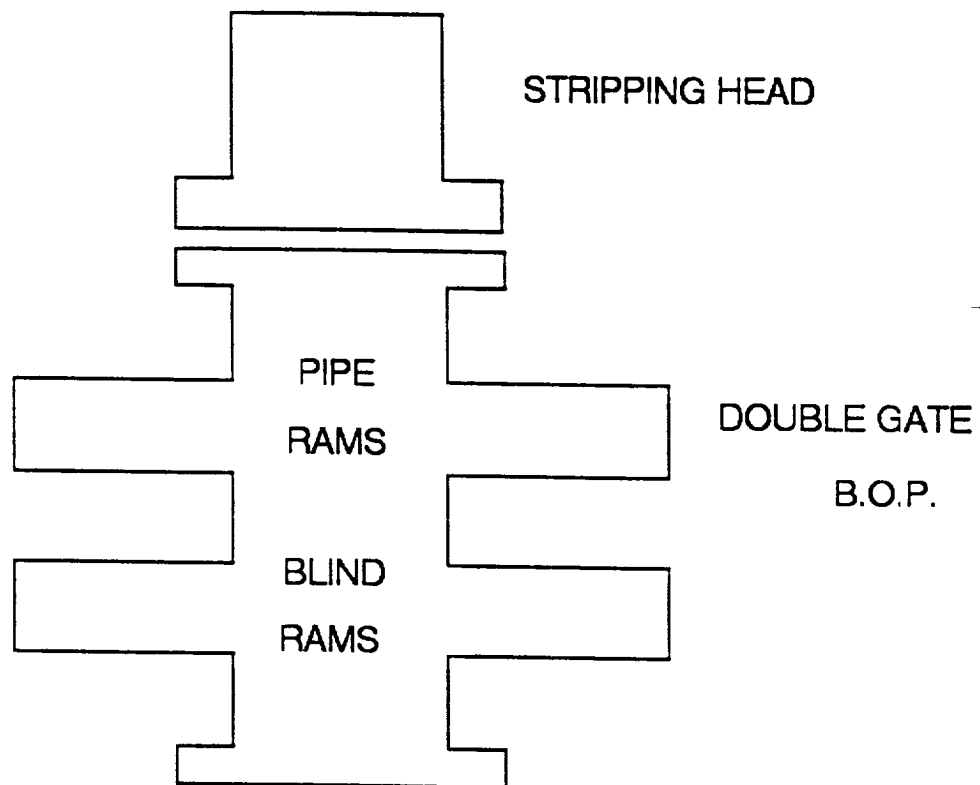
1. Check location anchors and install or repair as needed.
2. MIRU. Hold safety meeting. Place fire and safety equipment in strategic locations. Install blow lines. Kill well with water if necessary.
3. ND WH and replace with 2000 psi independent type wellhead. NU BOP. TOO H with 2277' of 1 1/4", 2.3# tubing and send to yard for salvage. TIH with 2 3/8" tubing and 5 1/2", 14# casing scraper and CO to bottom of casing at 2245'. TOO H.
4. RU wireline unit. Run GR-CCL-CNL from PBTD to 2000'. Pick perforations from log.
5. Set a CIBP on wireline as low as possible without threatening the casing shoe's integrity or the BP's seal.
6. Run CBL-CCL from PBTD to top of cement. Pressure test casing, BP and WH to 1500 psi for 15 minutes. If casing fails, locate failure with packer and a repair will be evaluated.
7. TIH with tubing open ended. Pump 10 gallons corrosion inhibitor then 150 gallons 15% HCL followed by one sack of sand down the tubing. When sand has reached the bottom of the tubing, reverse circulate. Observe returns. CO to PBTD.
8. Load hole with 2% KCl water. Perforate coal intervals picked from logs.
9. Breakdown perforations with 7 1/2% HCL.
10. If possible, flow well for 15 minutes immediately after breaking down the last set of perforations. TOO H. Proceed to clean well promptly after the acid wash.
11. TIH with 2 3/8" tubing with SN one joint off bottom. Land tubing one joint off bottom. Swab well in.
12. ND BOP. NU WH. RDMO.

# Huerfano Unit #12 Fruitland Coal Recompletion

Elev: 6682' DL



# 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