

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	RECEIVED JUN 26 1990 OIL CON. DIV DIST. 3	5. LEASE NUMBER SF-077936
1b. TYPE OF WELL GAS		6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR <i>Mendocino</i> 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 HUERFANO UNIT
4. LOCATION OF WELL 1650' FSL; 990' FEL		9. WELL NO. #66
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 320.24
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.) 6562' GL	22. APPROX. DATE WORK WILL START	
23. PROPOSED CASING AND CEMENTING PROGRAM		
*SEE OPERATIONS PLAN		
24. AUTHORIZED BY: <i>Regan Bradfield</i> (JBK) REGULATORY AFFAIRS	5-16-90 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)

NMOCD

APPROVED
JUN 21 1990
AREA MANAGER

1997

1900

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Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

JUN 16 PM 3:05

PLAT OF LAND OF AREA
ATMINGTON, NEW MEXICO

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 El Paso Natural Gas		Lease Huerfano Unit (SF-077936)		Well No. 66
Unit Letter I	Section 6	Township 26 North	Range 10 West	County San Juan
Actual Footage Location of Well: 1650 feet from the South line and 990 feet from the East line				
Ground level Elev. 6562' GL	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320.24 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: June 16, 1956
by: C. O. Walker

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.

Peggy Bradfield
Signature
Peggy Bradfield

Printed Name
Regulatory Affairs

Position
El Paso Natural Gas

Company
5-16-90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or 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 C. Edwards
Signature
Professional Surveyor

NEW MEXICO
6857
REGISTERED LAND SURVEYOR
Neale C. Edwards

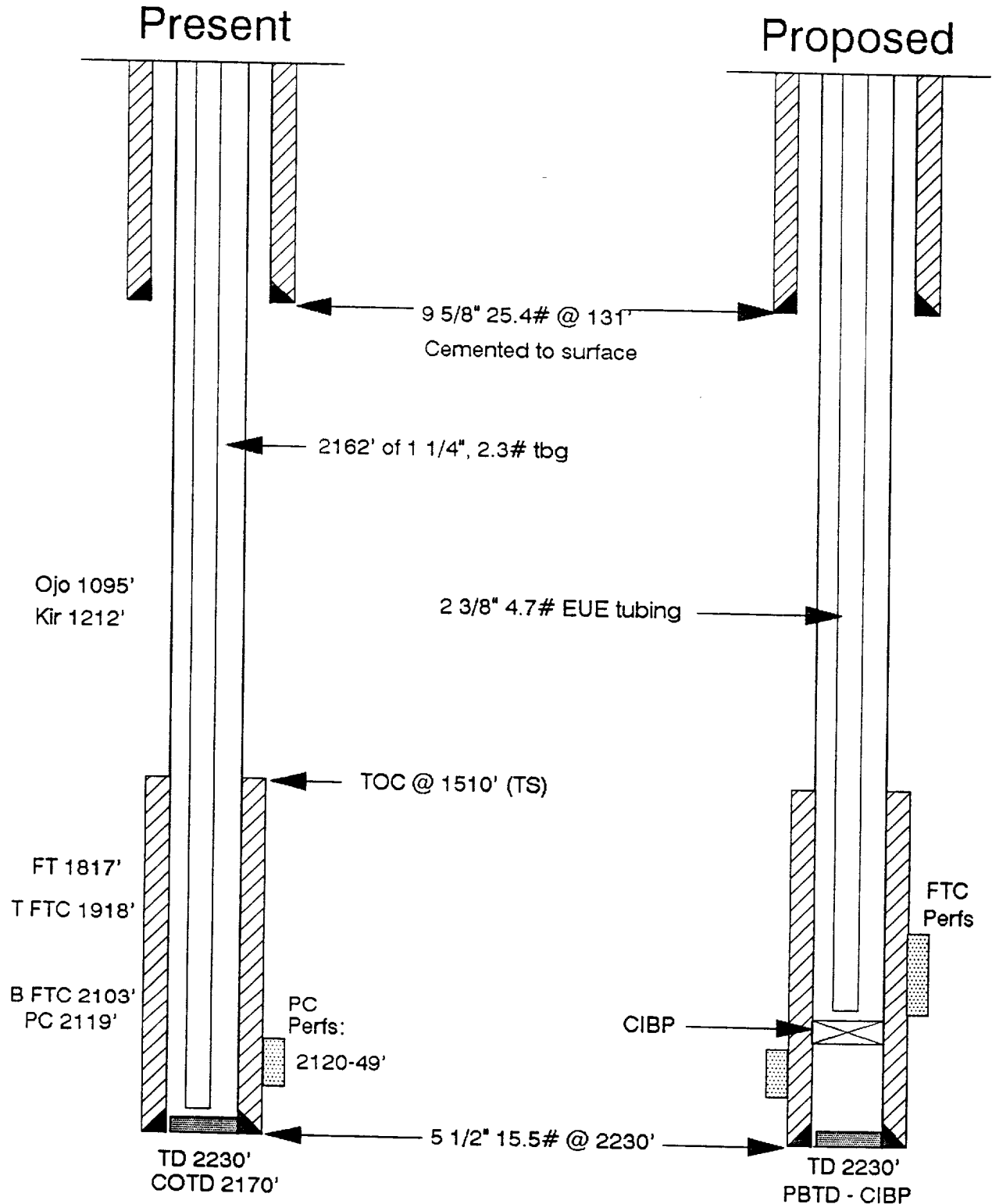
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**Huerfano Unit #66
Recompletion Procedure**

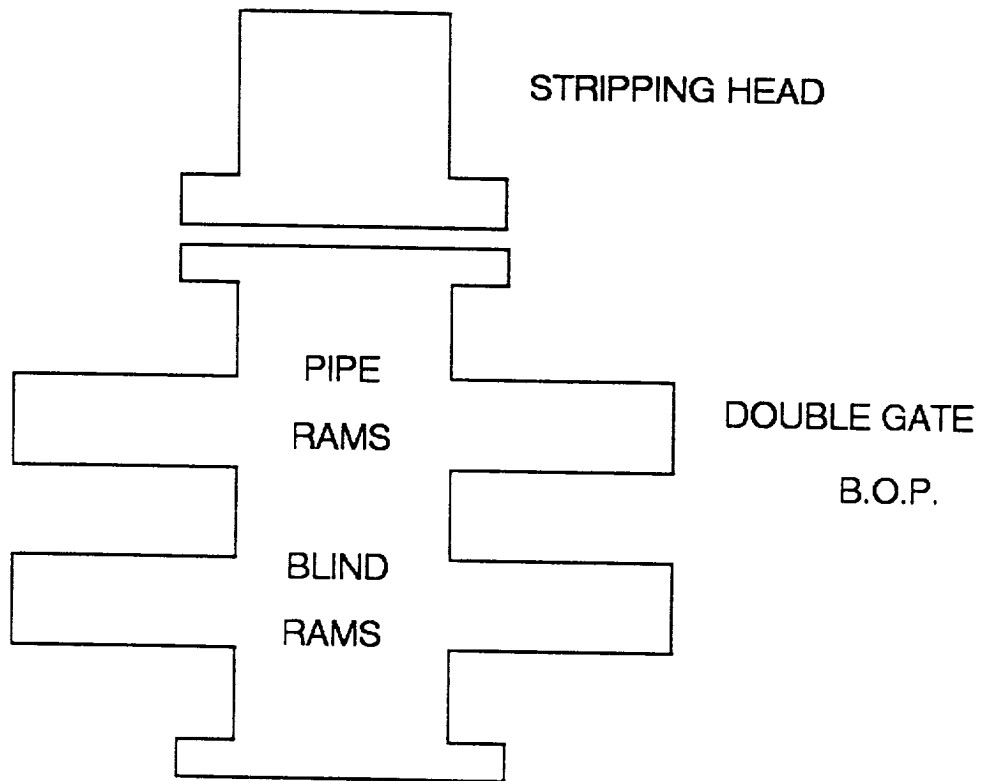
1. Check location anchors and install or repair as needed.
2. MIRU. Hold safety meeting. Place fire and safety equipment in strategic locations. Install blow lines. Kill well with water if necessary.
3. ND WH and replace with 2000 psi independent type wellhead. NU BOP. TOOH with 2162' of 1 1/4", 2.3# tubing and send to yard for salvage. TIH with 2 3/8" tubing and 5 1/2", 14# casing scraper and CO to top of perms at 2120'. TOOH.
4. RU wireline unit. Run GR-CCL-CNL from PBTD to 1900'. 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. 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. TOOH. Proceed to clean up 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 #66 Fruitland Coal Recompletion

Elev: 6562' GL



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