

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

1b. TYPE OF WELL
GAS

2. OPERATOR
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
890' FSL; 991' FEL

5. LEASE NUMBER
USA-NM-01074

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME
HUERFANO UNIT

8. FARM OR LEASE NAME

9. WELL NO.
84

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.
SEC. 36, T27N, R11W

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.)
6487' GR 6587

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: Regulatory Affairs (SHL)
REGULATORY AFFAIRS

JUL 13 1990

6-25-90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

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

JUL 13 1990

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

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

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 (NM-01074)		Well No. 84
Unit Letter P	Section 36	Township 27 North	Range 11 West	County San Juan	
Actual Footage Location of Well: 890 feet from the South line and 991 feet from the East line					
Ground level Elev. 6587'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres	

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

Prepared from a plat
by C.O. Walker dated
10-8-56.

RECEIVED
JUL 18 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 Bradford
Signature

Peggy Bradford

Printed Name
Regulatory Affairs

Position
El Paso Natural Gas

Company
6-25-90

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. 6-25-90

Date Surveyed

Neale C. Edwards
Signature of Surveyor



Certificate
Neale C. Edwards

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

RECOMPLETION PROCEDURE
HUERFANO UNIT #84

1. MOL and RU. ND wellhead. NU BOP.
2. TOOH with 1" tubing.
3. Run GR-CCL-CNL. Pick perforations from log.
5. Set a 5 1/2" CIBP as close to the bottom Fruitland coal perforation as possible. Pressure test casing to 1000 psi for 15 minutes.
6. Perforate across the coal. Projected zones to be selected from CNL log run.
7. TIH with 2 3/8" tubing and swab wellbore dry.
8. TIH with 1 1/2" tubing and clean out to CIBP.
9. Land 1 1/2" tubing near bottom perforation. Swab well in. Record final 30, 45, and 60 minute gauges on morning report. ND BOP. NU tree. RD and release rig.
10. Evaluate well's performance for possible fracture stimulation. A fracture stimulation procedure will be provided if necessary.

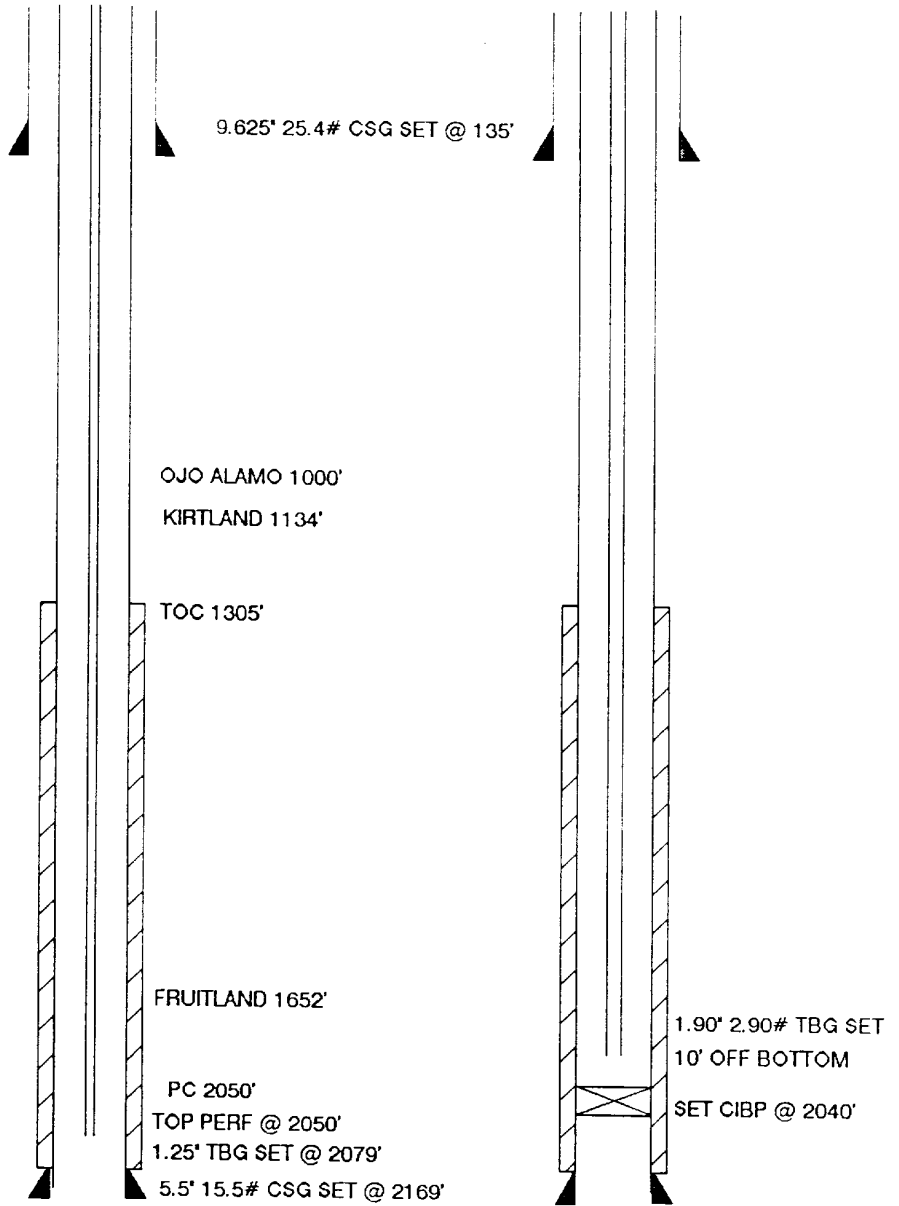
NO WORK WILL BE PERFORMED OFF APPROVED WELL PAD

HUERFANO UNIT #84

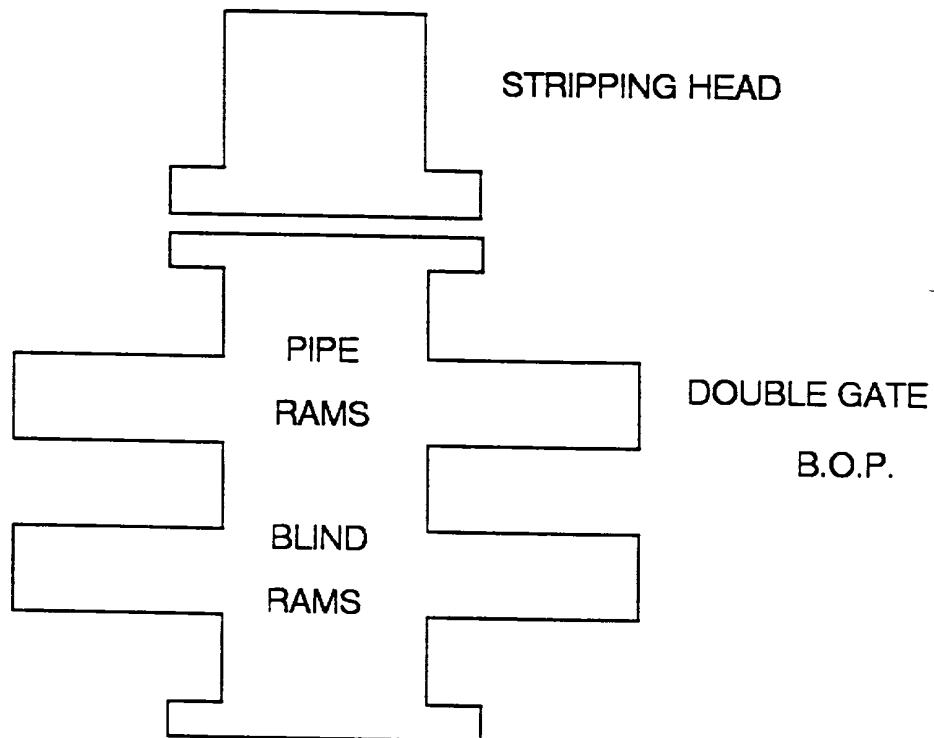
WELLBORE DIAGRAMS

BEFORE R/C

AFTER R/C



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