

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

OCT 17 1990

OIL CON. DIV.

DIST. 3

1a. TYPE OF WORK
PLUG BACK

1b. TYPE OF WELL
GAS

5. LEASE NUMBER

USA-SF-078388

6. IF INDIAN, ALL. OR TRIBE NAME

2. OPERATOR
MERIDIAN OIL INC.

7. UNIT AGREEMENT NAME
HUERFANITO UNIT

3. ADDRESS & PHONE NO. OF OPERATOR
P.O. BOX 4289
FARMINGTON, NM 87499
(505) 326-9700

8. FARM OR LEASE NAME

9. WELL NO.
66

4. LOCATION OF WELL
1590' FNL; 880' FEL

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.
SEC. 12, T26N, R09W

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.)
6198' DF

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *John M. [Signature]* (SHL)
REGULATORY AFFAIRS

8-29-90
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)

OCT 04 1990
Ken [Signature]
AREA MANAGER

Submit to Asst. Sec.
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 1900, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 60, 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 <u>El Paso Natural Gas Company</u>		Lease <u>Huerfanito Unit (SF-078388)</u>		Well No. <u>66</u>
Unit Letter <u>H</u>	Section <u>12</u>	Township <u>26 North</u>	Range <u>9 West</u>	County <u>San Juan</u>
Actual Footage Location of Well: <u>1590</u> feet from the <u>North</u> line and <u>880</u> feet from the <u>East</u> line				
Ground level Elev. <u>6188'</u>	Producing Formation <u>Fruitland Coal</u>	Pool <u>Basin</u>	Dedicated Acreage: <u>320</u> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or ink 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, encompassing such interest, has been approved by the Division.

Note: not resurveyed
taken from plat by
Ernest V. Echohawk
8-26-54

RECEIVED
OCT 17 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

8-29-90
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes & 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.

8-28-90
Date Surveyed

Neale C. Edwards
Signature

Neale C. Edwards
Printed Name
6857
6857
REGISTERED LAND SURVEYOR
NEW MEXICO

RECOMPLETION PROCEDURE
HUERFANITO UNIT #66

NO WORK IS TO BE PERFORMED OR EQUIPMENT TO BE LOCATED OFF APPROVED WELL PAD

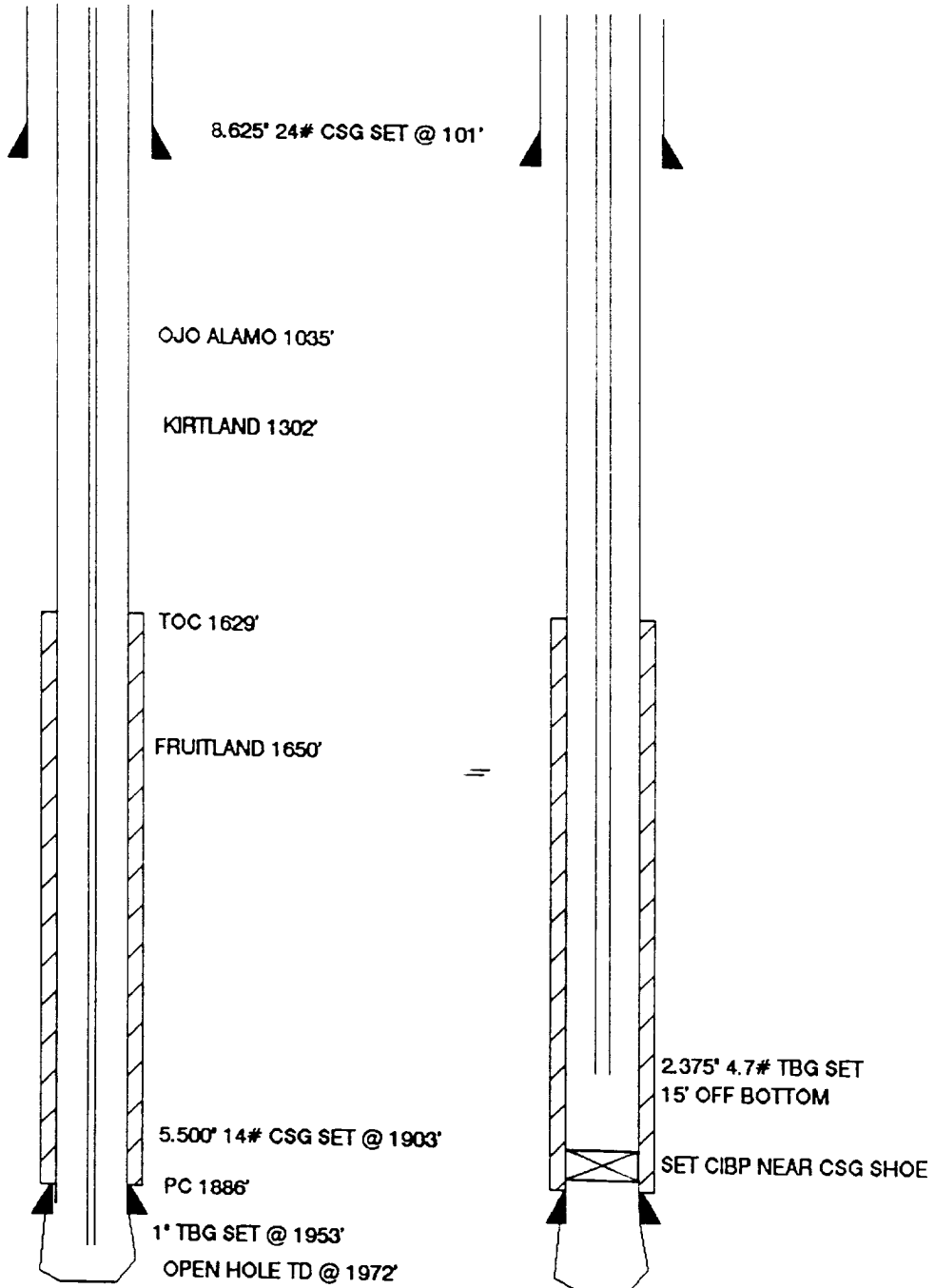
1. Prepare location for workover. Install or replace anchors as necessary.
2. MOL with workover rig, hold safety meeting, install safety signs and proper fire equipment at strategic points. Comply with all BLM, NMOCD, and MOI regulations.
3. Rig up blow lines, record tubing and casing pressures and blow well down. NU 6" 3000 psi BOP and test. Load hole with water.
4. TOOH with 1" tubing.
5. RU wireline unit and set a CIBP near 1882'. Pressure test casing to 1000 psi for 15 minutes.
6. Run logs.
7. Perforate coal interval. Perforations to be picked from log.
8. TIH with tubing and swab wellbore dry. Check well for gas flow. Evaluate well overnight. Fracture stimulate if necessary. Check well for buildup pressure and gas flow. Land tubing. Swab well in. Record final 30, 45 and 60 minute gauges on morning report. ND BOP. NU tree. Rig down and release rig.
9. Shut well in for pressure build up. Obtain gas and water sample for analysis.

HUERFANITO UNIT #66

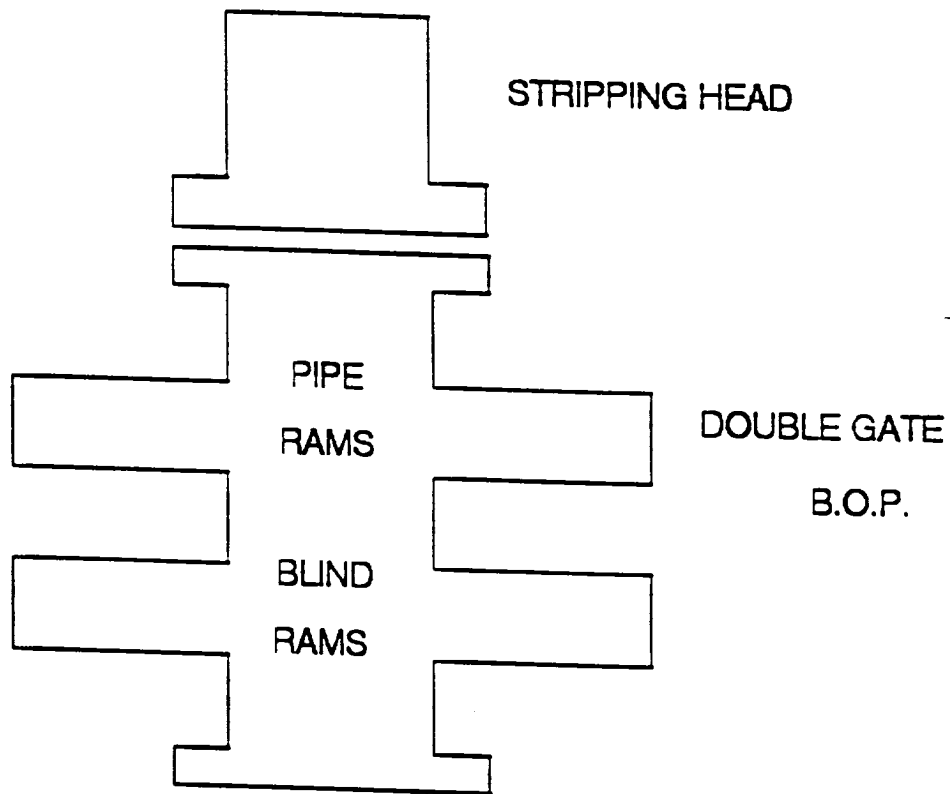
WELLBORE DIAGRAMS

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