

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	5. LEASE NUMBER USA-SF-078356
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR <i>FARG</i>	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
4. LOCATION OF WELL 1640' FSL; 1190' FWL	9. WELL NO. 55- <i>5</i>
14. DISTANCE IN MILES FROM NEAREST TOWN	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. <i>L</i> SEC. 23, T27N, R09W
	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 <i>W</i> 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.) 6280' <i>DF</i> <i>GR</i>	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *[Signature]*
REGULATORY AFFAIRS

RECEIVED

7-19-90
DATE

JUL 31 1990

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
OIL CON. DIV
DIST. 3 DATE

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

APPROVED

JUL 23 1990
Ken Townsend
FOR AREA MANAGER

NMOCD

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 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 (SF-078356)		Well No. 55-23
Unit Letter L	Section 23	Township 27 North	Range 9 West	County NMPM San Juan
Actual Footage Location of Well: 1640 feet from the South line and 1190 feet from the West line				
Ground level Elev. 6280'	Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hectare marks 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 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 plat
By: James P Leese
Dated: Feb. 23, 1956

RECEIVED

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**OIL CON. DIV.
DIST. 3**

1190'

1640'

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

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.

7-18-90

Date Surveyed

Signature

Professional Surveyor



Certificate No.

Neale C. Edwards

**Huerfanito Unit #55
Recompletion Procedure**

1. Prepare location and install or repair location anchors as necessary.
2. MIRU. Hold safety meeting and place fire and safety equipment in strategic locations. Install blow lines.
3. ND WH. NU BOP. PU 2-3/8" 4.7# tubing, 5-1/2" 15.5# casing scraper and 4-3/4" bit. TIH and clean out to top of Pictured Cliffs perforations at 2213'. TOOH.
4. RU wireline. Run CNL-CCL-GR from TD to 2050'. Pick perforations from log. Set CIBP on wireline above perforations at 2211'. Pressure test casing, BP and WH to 500 psi for 15 minutes. If casing fails, locate failure with packer and a repair or P&A will be evaluated. If test holds, run CBL-GR-CCL from TD to TOC.
5. TIH with 2-3/8" tubing open ended. Circulate 2 gallons corrosion inhibitor, 140 gallons 15% HCl and 1 sack of sand down tubing. Reverse circulate 2 tubing volumes when frac sand reaches the bottom of the tubing. Observe returns and describe returns on morning report. Load hole with 2% KCl water.
6. Perforate Fruitland coal. Perforate with fluid level balanced at reservoir pressure. RD wireline.
7. TIH with straddle packer and breakdown perforations with 7-1/2% HCl. TOOH.
8. TIH hole with tubing and SN one joint off bottom of tubing and flow well back as soon as possible after breakdown. Obtain 2 hour gauge after flow has stabilized. Land tubing at 2180'. ND BOP, NU WH. RDMO.
9. Evaluate well for possible fracture stimulation.

Huerfanito Unit #55

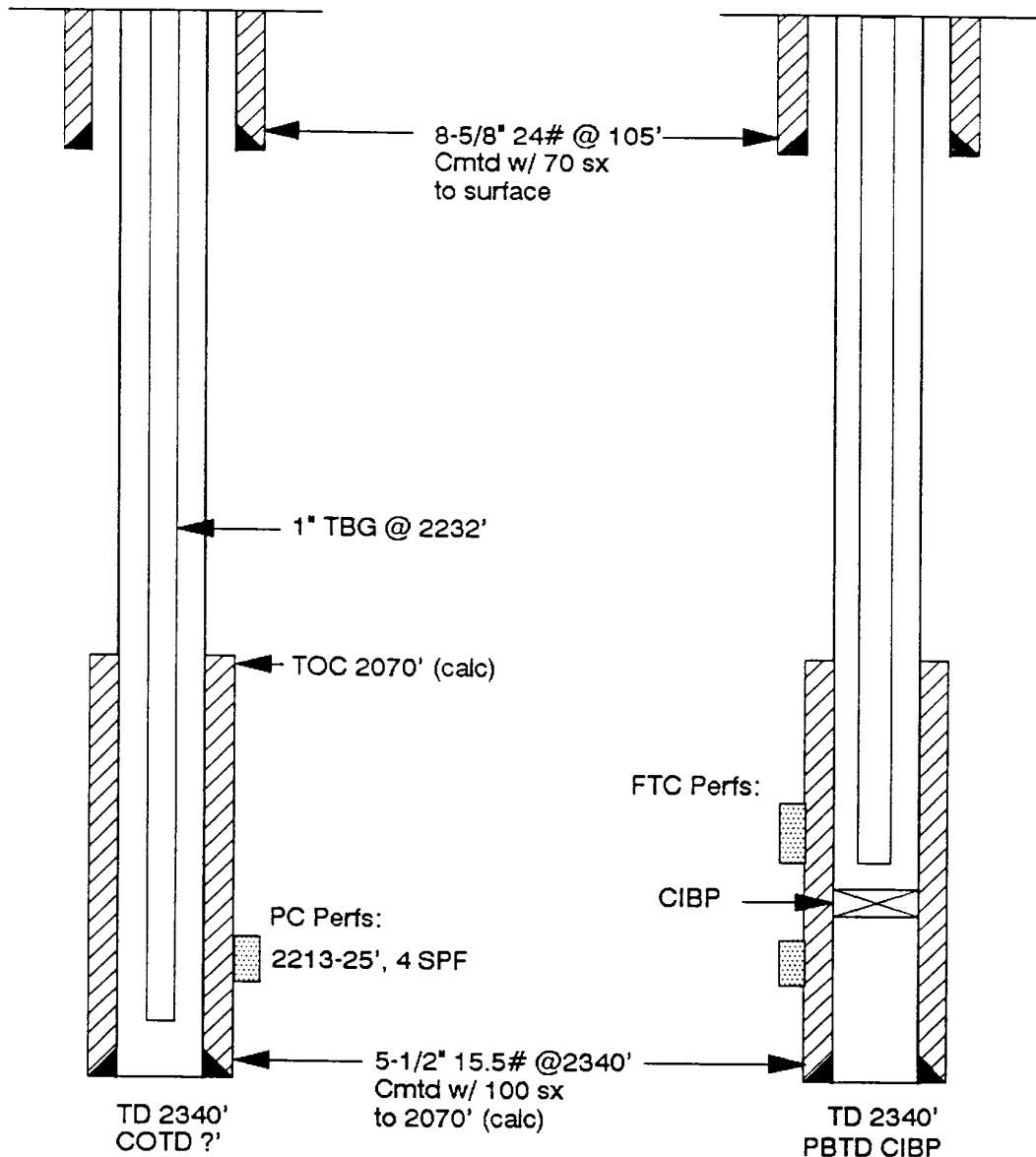
Wellbore Diagram

L23 27N 9W

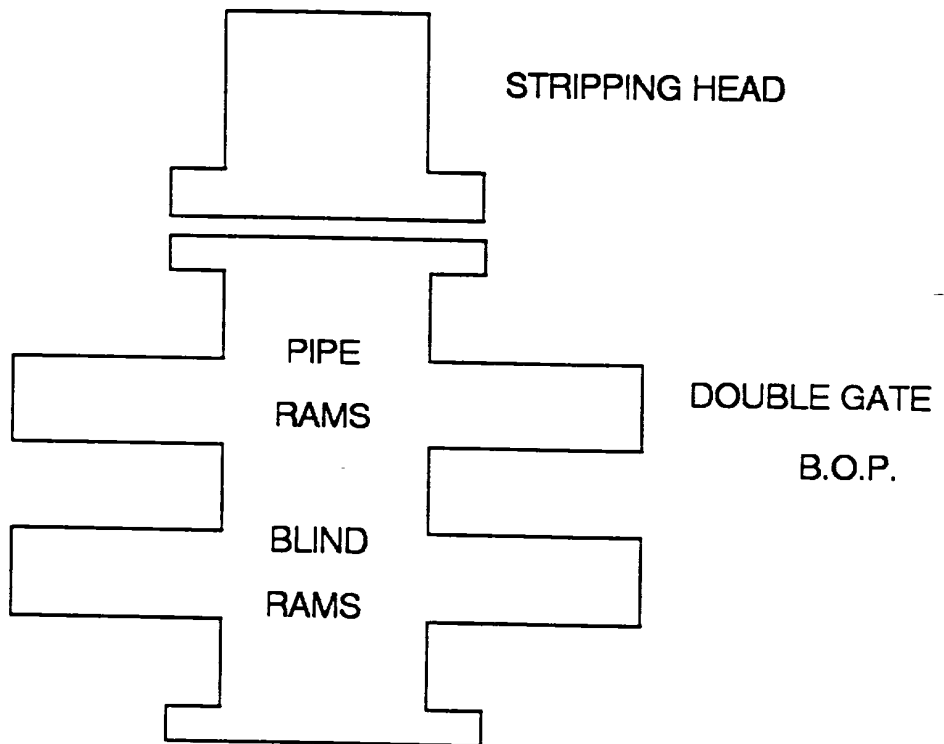
Elev 6288'KB

Present

Proposed



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