

APPLICATION FOR MULTIPLE COMPLETION

| | | | | | |
|------------------|--------------------------------|---------|--------------------|----------|---------|
| Operator | El Paso Natural Gas Company | County | Rio Arriba | Date | 2-10-86 |
| Address | P. O. Box 4289, Farmington, NM | Lease | San Juan 29-7 Unit | Well No. | 124M |
| Location of Well | D 28 | 29N | 7W | | |
| | Unit | Section | Township | Range | |

All Applicants for multiple completion must complete Items 1 and 2 below.

| 1. The following facts are submitted: | Upper Zone | Intermediate Zone | Lower Zone |
|--|-------------------|--|--------------|
| a. Name of Pool and Formation | Blanco Mesa Verde | | Basin Dakota |
| b. Top and Bottom of Pay Section (Perforations) | 4873-5796' | | 7509-7755' |
| c. Type of production (Oil or Gas) | Gas | | Gas |
| d. Method of Production (Flowing or Artificial Lift) | Flowing | | Flowing |
| e. Daily Production <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Estimated Oil Bbls. Gas MCF Water Bbls. | AOF-7209 | <div style="text-align: center;"> FEB 18 1986 OIL CON. DIV. DIST. 3 </div> | AOF-2498 |

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Frank T. Chavez Title Drilling Clerk Date 2-10-86

(This space for State Use)

Approved Original Signed by FRANK T. CHAVEZ Title SUPERVISOR DISTRICT #3 Date FEB 18 1986

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

NEW MEXICO OIL CONSERVATION COMMISSION
PACKER SETTING REPORT

I, Rod Pinkett, being of lawful age and having full
Name of party making report
knowledge of the facts hereinbelow set out do state:

That I am employed by Meridian Oil Production Inc. in the capacity of

Petroleum Engineer, that on January 18,, 1986

I personally supervised the setting of a Baker Model D
Make & type of packer

in El Paso Natural Gas Company, San Juan 29-7 Unit,
Operator of well *Lease name*

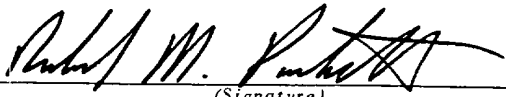
Well no. 124M located in the Blanco Mesa Verde/Basin Dakota field,

Rio Arriba county, state of New Mexico, at a subsurface depth of

5860 feet, said depth measurement having been furnished me by

Pipe Record;

That the purpose of setting this packer was to effect a seal in the annular space between two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.


(Signature)
Petroleum Engineer
(Title)
2-7-86
(Date)

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

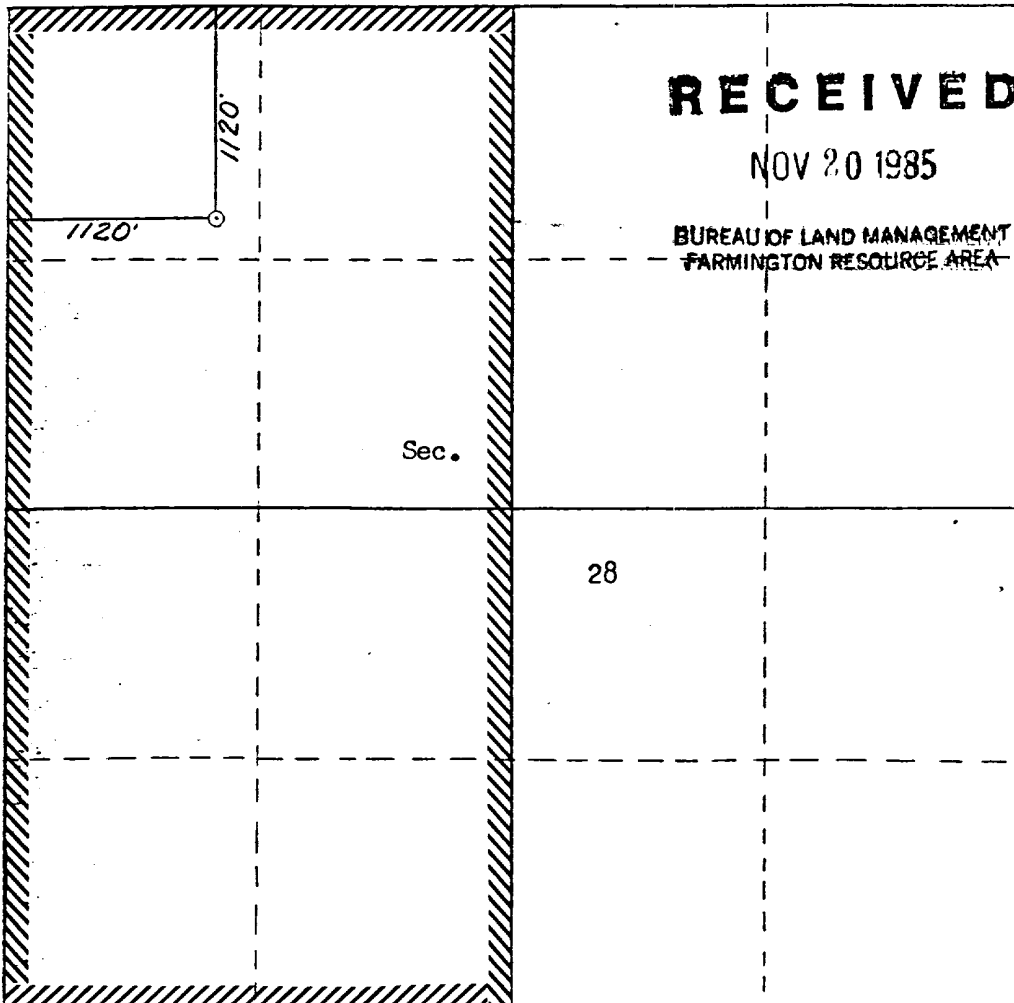
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|--|---|-----------------------------|--|--|-------------------------|
| Operator EL PASO NATURAL GAS COMPANY | | | Lease SAN JUAN 29-7 UNIT (SF 078945) | | Well No. 124M |
| Unit Letter D | Section 28 | Township 29N | Range 7W | County Rio Arriba | |
| Actual Footage Location of Well: 1120 feet from the North line and 1120 feet from the West line | | | | | |
| Ground Level Elev. 6499 | Producing Formation Mesa Verde/Dakota | Pool Blanco/Basin | | Dedicated Acreage: 320/320 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Commission.



Scale: 1"=1000'

| | |
|---|----------------------------|
| CERTIFICATION | |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. | |
| Name | Drilling Clerk |
| Position | El Paso Natural Gas |
| Company | |
| Date | 11-15-85 |
| 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. | |
| Date Surveyed | 11-15-85 |
| William E. Mahnke II Registered Professional Engineer and Land Surveyor | |
| Certificate No. | 8466 |

SCHEMATIC DIAGRAM OF INTENDED DUAL COMPLETION
 El Paso Natural Gas Co., San Juan 29-7 Unit #124M, Blanco MV/^(MD) Basin ^(DK)
 Section 28, T-29-N, R-7-W, Rio Arriba Co., NM

Dual String
Xmas Tree

Zero reference point 10.0' above top
flange of tubing hanger.

13 3/8" 48.0# H-40 casing set at approximately 200' with sufficient
cement to circulate to surface.

1 1/2" 2.9# EUE 10 rd. Mesa Verde Tubing. Set @ 5787'.

7" Liner Hanger. Set @ 3455'.

9 5/8" 40.0# N-80 casing set at approximately 3593' with
sufficient cement to fill to 2265' (Top of Ojo Alamo).

Cliff House formation will be selectively perforated and sand water
fractured. Perf'd 4873, 4906, 4920, 4945, 4952, 4958, 4962, 4967,
4972, 4976, 4980, 4990, 5005, 5009, 5013, 5017, 5061, 5078, 5104,
5109, 5137, 5176, 5268, 5303 w/24 SPZ. Frac'd w/62,000# 20/40 sand
& 158,275 gals water. Flushed w/50 gals.

Point Lookout formation will be selectively perforated and sand
water fractured. Perf'd (Mass. Pt.) 5361, 5370, 5412, 5419, 5438,
* Continued Perf's listed below

7", 23.0# N-80 liner set from approximately 3455' to 6047'
with sufficient cement to circulate top of liner at 3455'.

Permanent Production Packer set @ 5860'.

4 1/2" liner hanger. Set @ 5943'.

Graneros formation will be selectively perforated and sand water
fractured.

Dakota formation will be selectively perforated and sand water
fractured. Perf'd 7509, 7513, 7516, 7522, 7526, 7530, 7534, 7538,
7542, 7597, 7622, 7626, 7630, 7657, 7660, 7663, 7673, 7691, 7713,
7717, 7720, 7723, 7730, 7735, 7755 w/25 SPZ. Frac'd w/190,000#
20/40 sand & 117,450 50# gel fluid. Flushed w/16,130 gals.
2 3/8" EUE 4.7#, 8 rd Dakota tubing. Set @ 7728'.

4 1/2", 11.6# K-55 liner set from approximately 5943' to 7765'
with sufficient cement to circulate top of liner at 7765'.

* Continued Perf's Pt. Lookout: 5443, 5447, 5454, 5462, 5468, 5472,
5486, 5494, 5503, 5518, 5525, 5530, 5535, 5549, 5567, 5579, 5588,
w/22 SPZ. Frac'd w/63,000# 20/40 sand & 168,210 gals water. Flushed
w/14,150 gals. Perf'd (Lower Pt.) 5628, 5687, 5753, 5769, 5773,
5782, 5796 w/8 SPZ. Frac'd w/33,000# 20/40-sand & 60,304 gals wtr.
Flushed w/14,576 gals.