

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 2-1-82

APPLICATION FOR MULTIPLE COMPLETION

El Paso Natural Gas Company	Rio Arriba	2-12-86
Operator	County	Date
P. O. Box 4289, Farmington, NM	San Juan 29-7 Unit	45A
Address	Lease	Well No.
F 20 29N	7W	
Location of Well	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)	5267-6193'		7895-8095'
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- 12,711	RECEIVED FEB 27 1986 OIL CON. DIV. DIST. 3	AOF- 1382

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 Debra L. Lawrence Title Drilling Clerk Date 2-12-86

(This space for State Use)

Approved Original Signed by FRANK T. CHAVEZ Title SUPERVISOR DISTRICT 3 Date FEB 27 1986

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation 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
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.

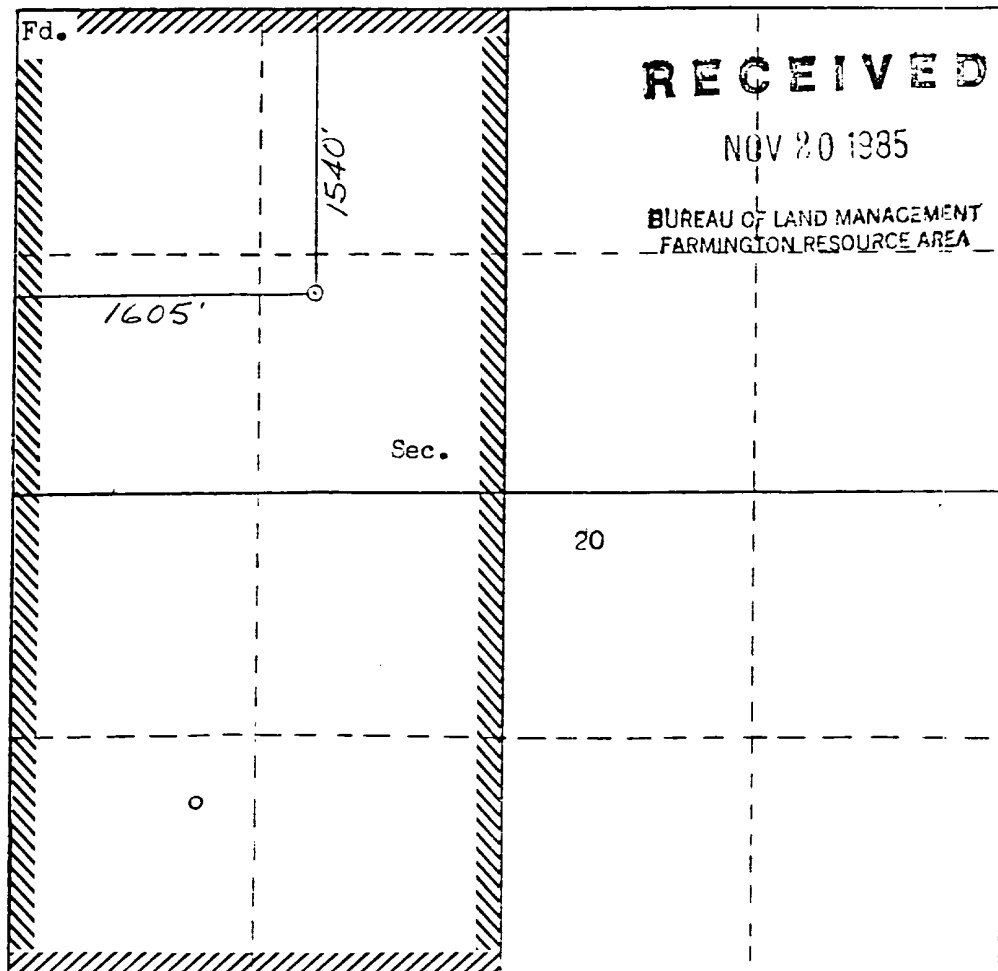
Operator EL PASO NATURAL GAS COMPANY			Lease SAN JUAN 29-7 UNIT (SF 078424)		Well No. 45A
Unit Letter F	Section 20	Township 29N	Range 7W	County Rio Arriba	
Actual Footage Location of Well: 1540 feet from the North line and 1605 feet from the West line					
Ground Level Elev: 6901	Producing Formation: 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.



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

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 **9-23-85**
William E. Mahnke II
Registered Professional Engineer
and Land Surveyor **8466**

William E. Mahnke II
Certification No. **PROFESSIONAL**
8466

SCHEMATIC DIAGRAM OF INTENDED DUAL COMPLETION
 El Paso Natural Gas Co., San Juan 29-7 Unit #45A, Blanco MV/^(AID) Basin (DK)
 Section 20, 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 @ 6192'.

7" Liner Hanger. Set @ 3794'.

9 5/8" 40.0# N-80 casing set at approximately 3969' with
 sufficient cement to fill to 2610' (Top of Ojo Alamo).

Cliff House formation will be selectively perforated and sand water
 fractured. Perf'd 5267, 5278, 5289, 5294, 5335, 5357, 5369, 5375,
 5381, 5408, 5418, 5440, 5488, 5525, 5531, 5537, 5568, 5586, 5594,
 5640, 5646, 5687 w/22 SPZ. Frac'd w/51,000# 20/40 sand & 124,302
 gals freshwater. Flushed w/14,530 gals.

Point Lookout formation will be selectively perforated and sand
 water fractured. Perf'd (Mass. Pt.) 5774, 5783, 5789, 5797, 5802,

* Continued Perf's listed below

7", 23.0# N-80 liner set from approximately 3794' to 6435'
 with sufficient cement to circulate top of liner at 3794'.

Permanent Production Packer set @ 6241'.

4 1/2" liner hanger. Set @ 6300'.

Graneros formation will be selectively perforated and sand water
 fractured.

Dakota formation will be selectively perforated and sand water
 fractured. Perf'd 7895, 7897, 7906, 7908, 7910, 7912, 7918, 7920,
 7922, 7924, 8004, 8006, 8008, 8010, 8028, 8030, 8032, 8044, 8053,
 8055, 8068, 8071, 8074, 8093, 8095 w/25 SPZ. Frac'd w/100,000#
 20/40 sand & 92,680 gals 50# gel fluid. Flushed w/17,300 gals.
 2 3/8" EUE 4.7#, 8 rd Dakota tubing. Set @ 8063'.

4 1/2", 11.6# K-55 liner set from approximately 6300' to 8130'
 with sufficient cement to circulate top of liner at 6300'.

* Continued Perf's Point Lookout: 5807, 5816, 5831, 5834, 5837, 5840,
 5843, 5846, 5849, 5852, 5862, 5869, 5872, 5884, 5902, 5916, 5925,
 5934 w/23 SPZ. Frac'd w/45,500# 20/40 sand & 239,670 gals freshwater
 Flushed w/15,370 gals. Perf'd (Lower Pt.) 5963, 5981, 5985, 6006,
 6021, 6040, 6092, 6097, 6107, 6148, 6169, 6178, 6193 w/51,000# 20/40
 sand & 79,900 gals slickwater. Flushed w/15,660 gals.