

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other
- 
2. NAME OF OPERATOR  
El Paso Natural Gas Company
- 
3. ADDRESS OF OPERATOR  
PO Box 289, Farmington, NM 87401
- 
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 790'N, 1770'W  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,  
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>
(other) _____	<input type="checkbox"/>

SUBSEQUENT REPORT OF:

5. LEASE  
SF 079491A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 27-5 Unit

8. FARM OR LEASE NAME  
San Juan 27-5 Unit

9. WELL NO.  
113E

10. FIELD OR WILDCAT NAME  
Blanco MV & Basin Dk

11. SEC., T., R., M., OR BLK. AND SURVEY OR  
AREA  
Sec. 10, T-27-N, R-5-W, NMPM

12. COUNTY OR PARISH Rio Arriba	13. STATE NM
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14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6630 GL

(NOTE: Report results of multiple completion of same change on Form 9-330.)

**RECEIVED**

**JUL 15 1981**

OIL CON. COM.  
DIST. 3

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We had originally proposed to drill a single Mesa Verde well, the San Juan 27-5 Unit #192 on this location. It is now planned to drill a Mesa Verde - Dakota dual which will be named the San Juan 27-5 Unit #113E.

The N/2 of Section 10 will be dedicated to the Dakota formation.  
The W/2 of Section 10 will be dedicated to the Mesa Verde formation.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

- 18. I hereby certify that the foregoing is true and correct**

18. I hereby certify that the foregoing is true and correct

SIGNED *A. G. Busco* TITLE Drilling Clerk DATE March 31, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**NMOCC**

**\*See Instructions on Reverse Side**

APPROVED

JUL 14 1980

Dean Elliott  
DISTRICT ENGINEER

DISTRICT ENGINEER

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

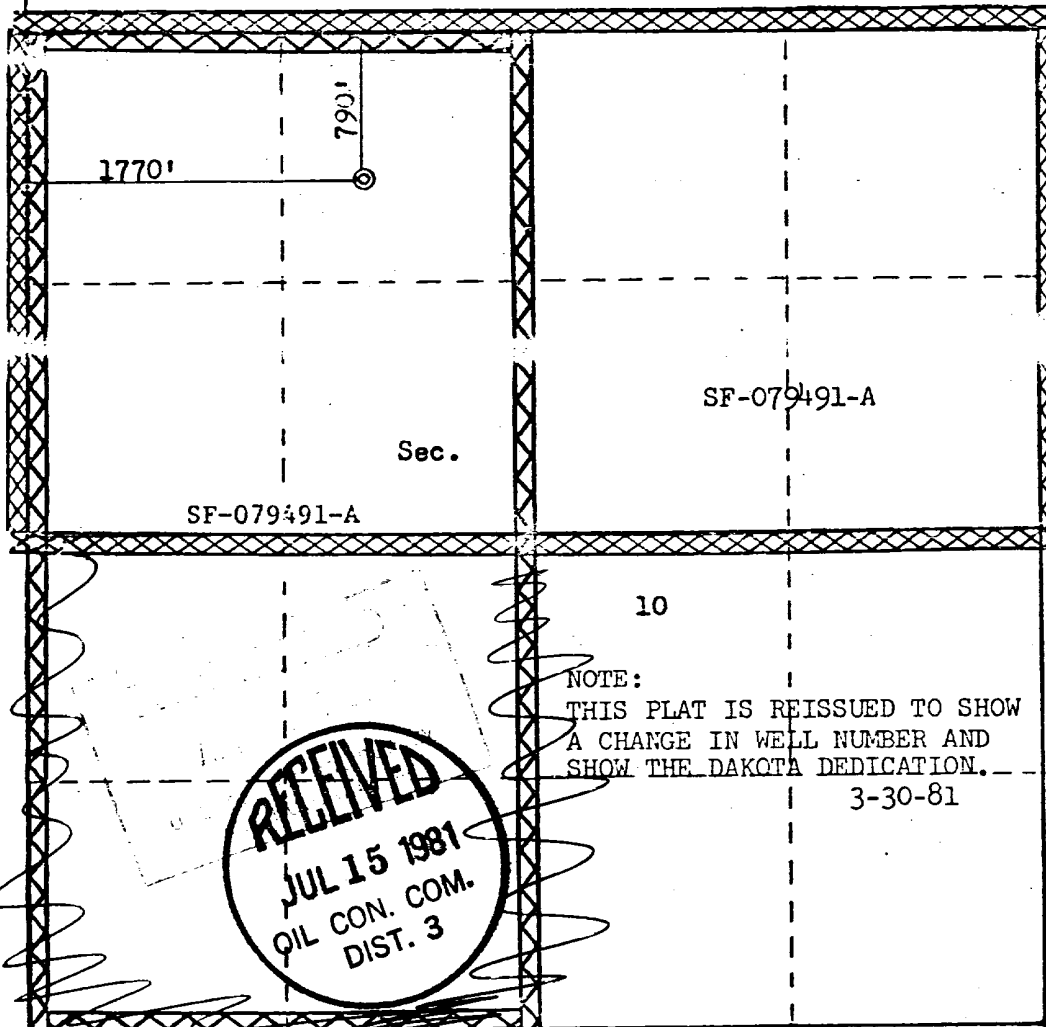
Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>SAN JUAN 27-5 UNIT (SF-079491-A)</b>		Well No. <b>113E</b>
Unit Letter <b>C</b>	Section <b>10</b>	Township <b>27N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>North</b> line and <b>1770</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6630</b>	Producing Formation <b>Mesa Verde - Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320.0 &amp; 320.0 Acres</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

*R. S. Quisco*

Name  
Drilling Clerk

Position  
El Paso Natural Gas Co.

Company  
March 31, 1981

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

September 26, 1980

Registered Professional Engineer  
and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.

3950

Operations Plan  
San Juan 27-5 Unit #113E

I. Location: 790'N, 1770'W, Section 10, T-27-N, R-5-W, Rio Arriba Co., NM

Field: Blanco MV & Basin Dk

Elevation: 6630'GR

II. Geology:

A. Formation Tops:	Surface	San Jose	Menefee	5280'
	Ojo Alamo	2800'	Point Lookout	5640'
	Kirtland	2995'	Gallup	6655'
	Fruitland	3260'	Greenhorn	7555'
	Pic.Cliffs	3465'	Graneros	7635'
	Lewis	3540'	Dakota	7780'
	Mesa Verde	5120'	Total Depth	7915'

B. Logging Program: GR-Ind. and GR-Density at TD.

C. Coring Program: none

D. Natural Gauges: 5110', 5270', 5630', 6240', 6645', 7545', 7625', 7770', 7905' and at Total Depth. Also gauge any noticeable increase in gas. Record all gauges in daily drilling report and on morning report.

III. Drilling:

A. Mud Program: mud from surface to 3740'. Gas from intermediate casing to Total Depth.

IV. Materials:

A. Casing Program:	<u>Hole Size</u>	<u>Depth</u>	<u>Csg. Size</u>	<u>Wt. &amp; Grade</u>
	17 1/2"	200'	13 3/8"	48.0# H-40
	12 1/4"	3740'	9 5/8"	40.0# N-80
	8 3/4"	3590-6240'	7"	23.0# N-80
	6 1/4"	6140-7915'	4 1/2"	11.6# K-55

B. Float Equipment: 13 3/8" surface casing - guide shoe.

9 5/8" intermediate casing - guide shoe and differential automatic fill up float collar. Five stabilizers, one each on every other joint above shoe. Run float collar two joints above shoe.

7" liner - 7" liner hanger with neoprene packoff. Geyser shoe and flapper type float collar. Five centralizers, one each on every other joint above shoe.

4 1/2" liner - 4 1/2" liner hanger with neoprene packoff. Geyser shoe and flapper type float collar.

C. Tubing: 7915' of 2 3/8", 4.7#, J-55 EUE 8rd tubing open ended on bottom with common pump seating nipple and pump out plug one joint above bottom.

6140' of 1 1/2", 2.9#, J-55 EUE 10rd tubing with a perf sub and common pump seating nipple one joint above bottom. Bottom joint to be bull plugged.

D. Wellhead Equipment: 13 3/8" 3000 x10" 3000 dual tree, 13 3/8" 3000 x 13 3/8" casing head, 12" x 9 5/8" casing hanger.

V. Cementing:

13 3/8" surface casing - use 236 sks. of Class "B" cement with 1/4# gel-flake per sack and 3% calcium chloride (276 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600#/30 minutes.

9 5/8" intermediate casing - use 290 sks. 65/35 Class "B" Poz with 6% gel, 2% calcium chloride and 8.3 gallons water per sack followed by 100 sks. Class "B" neat with 2% calcium chloride (588 cu.ft. of slurry, 100% excess to cover Ojo Alamo). Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1200#/30 minutes.

7" liner - precede cement with 30 bbls. gel water (3 sks. gel). Cement with 490 sks. 50/50 Class "B" Poz with 2% gel, 6.25# gilsonite, 1/4# flocele and 0.6% Halad-9 (or equivalent fluid loss additive) (682 cu.ft. of slurry, 70% excess to circulate liner). WOC 12 hours. Test casing to 1200#/30 minutes.

4 1/2" liner - precede cement with 40 bbls. gel water (4 sks. gel). Cement with 90 sks. Class "B" cement with 8% gel, 1/4 cu.ft. fine gilsonite per sack and 0.4% HR-7 followed by 100 sks. Class "B" cement with 1/4# fine tuf-plug per sack and 0.4% HR-7 (315 cu.ft. of slurry, 70% excess to fill to circulate liner). WOC 18 hours.

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