

145

N MEXICO OIL CONSERVATION COMMISS.
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 27-5 UNIT (SF-079492-A)		Well No. 96E
Unit Letter H	Section 15	Township 27-N	Range 5-W	County RIO ARriba	
Actual Footage Location of Well: 1610 feet from the NORTH line and 1035 feet from the EAST line					
Ground Level Elev. 6688	Producing Formation DAKOTA MESA VERDE		Pool BASIN DAKOTA BLANCO MESA VERDE	Dedicated Acreage: 320.00 & 320.00 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 Commis-

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JUL 15 1981
OIL CON. COM.
DIST. 3

NOTE:
THIS PLAT IS REISSUED TO SHOW A CHANGE IN WELL NUMBER AND SHOW THE DAKOTA DEDICATION. WELL WILL BE DUALY COMPLETE

3-30-81

SECTION 15

SF-079492-A **SF-079492-A**

SF-079403 **FEE**

CERTIFICATION

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

N. G. Brisco
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
NOVEMBER 7, 1974

Registered Professional Land Surveyor
[Signature]
Certificate No. **1760**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Operations Plan
San Juan 27-5 Unit #96E

I. Location: 1610'N, 1035'E, Section 15, T-27-N, R-5-W, Rio Arriba Co., NM

Field: Blanco MV & Basin Dk

Elevation: 6688'GR

II. Geology:

A. Formation Tops:	Surface	San Jose	Menefee	5315'
	Ojo Alamo	2885'	Point Lookout	5670'
	Kirtland	3085'	Gallup	6657'
	Fruitland	3365'	Greenhorn	7605'
	Pic.Cliffs	3550'	Graneros	7663'
	Lewis	3625'	Dakota	7810'
	Mesa Verde	5165'	Total Depth	7945'

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

C. Coring Program: none

D. Natural Gauges: 5155', 5305', 5660', 6270', 6647', 7595', 7653', 7800' and at TD. 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 3825'. 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.&Grade</u>
	17 1/2"	200'	13 3/8"	48.0# H-40
	12 1/4"	3825'	9 5/8"	40.0# N-80
	8 3/4"	3665-6270'	7"	23.0# N-80
	6 1/4"	6170-7945'	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: 7945' 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.

6170' 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 x 10" 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 480 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) (668 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.

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
Box 289, Farmington, New Mexico 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1610'N, 1035'E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐ ☐
FRACTURE TREAT ☐ ☐
SHOOT OR ACIDIZE ☐ ☐
REPAIR WELL ☐ ☐
PULL OR ALTER CASING ☐ ☐
MULTIPLE COMPLETE ☐ ☐
CHANGE ZONES ☐ ☐
ABANDON* ☐ ☐
(other) ☐ Extend Approval on Permit to Drill ☐

5. LEASE
SF 079492A
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.
96E
10. FIELD OR WILDCAT NAME
Blanco Mesa Verde
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15, T-27-N, R-5-W NMPM
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6688' GL

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JAN 14 1982

U.S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.)*

It is anticipated that the "Permit to Drill" will expire before this well can be spudded;
therefore, an extension is requested.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED D. G. Brisco TITLE Drilling Clerk DATE January 14, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

NMOCC

JAN 18 1982

FARMINGTON DISTRICT

*See Instructions on Reverse Side

BY sm

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

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

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 ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

SUBSEQUENT REPORT OF:

(other) Extend Approval of Permit To Drill

RECEIVED

AUG 19 1982

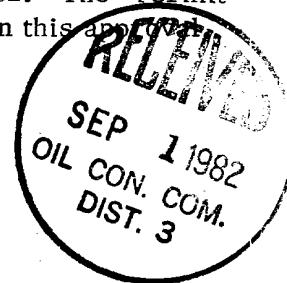
U. S. GEOLOGICAL SURVEY

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

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 anticipate spudding this well on approximately September 1, 1982. The "Permit to Drill" will expire before this date and we request an extension on this approval.

extended to 2/10/83



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED *D. G. Lucas* TITLE Drilling Clerk DATE August 9, 1982

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

NMOCC

*See Instructions on Reverse Side

APPROVED

AUG 31 1982

Elliott
DISTRICT ENGINEER

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.)

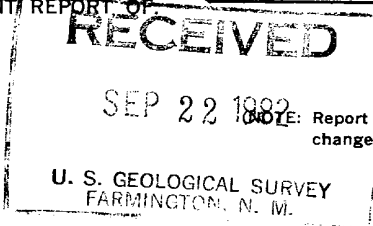
1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
El Paso Natural Gas Company
3. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1610'N, 1035'E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF

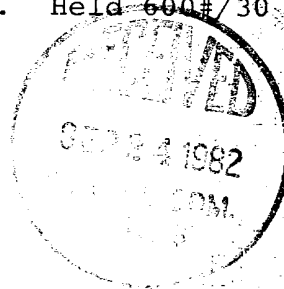
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5. LEASE
SF 079492A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
San Juan 27-5 Unit
8. FARM OR LEASE NAME
San Juan 27-5 Unit
9. WELL NO.
96E
10. FIELD OR WILDCAT NAME
Blanco MV & Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15, T-27-N, R-5-W, NMPM
12. COUNTY OR PARISH
Rio Arriba
13. STATE
NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6688' GL

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.)*

9-19-82 Spudded well. Drilled surface hole. Ran 5 jts. 13 3/8", 48.0#, H-40 surface casing, 208' set at 222'. Cemented with 283 cu.ft. cement. Circulated to surface. WOC 12 hours. Held 600#/30 minutes.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED N. D. Huesco TITLE Drilling Clerk DATE September 21, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NMOCCA

*See Instructions on Reverse Side

ACCEPTED FOR RECORD
SEP 23 1982
FARMINGTON, N. M.
BY 10/2/82

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
CS 4289, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1610'N, 1035'E
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 ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF

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RECEIVED

OCT 05 1982

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

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE
SF 079492A

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.
96E (ME)

10. FIELD OR WILDCAT NAME
Blanco MV & Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 15, T-27-N, R-5-W, NMPM

12. COUNTY OR PARISH | 13. STATE
Rio Arriba | NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6700' KB

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.)*

9-27-82 TD 3825'. Ran 94 jts. 9 5/8", 40.0#, N-80 intermediate casing (3844') set at 3924' with 623 cu.ft. cement. WOC 12 hours, held 1200#/30 minutes. Top of cement at 1900'

9-30-82 TD 6270'. Ran 63 jts. 7", 23.0#, N-80 casing liner (2579) set 3691-6270'. Float collar set at 6231'. Cemented with 667 cu.ft. cement. WOC 18 hours.

10-3-82 TD 7934'. Ran 55 jts. 4 1/2", 11.6#, K-55 casing liner, 1781' set 6152-7933'. Float collar set at 7925'. Cemented with 297 cf cement. WOC 18 hours.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED A. D. Brice TITLE Drilling Clerk DATE 10-5-82

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OCT 02 1982

FARMINGTON

BY SM

*See Instructions on Reverse Side

NMOCC

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 ☐ gas ☐ other ☒

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 4289, Farmington, NM 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

1610'N, 1035'E

AT SURFACE:

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 ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other)

SUBSEQUENT REPORT OF:

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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.)*

10-22-82 PBTD 7925'. Tested casing to 4000#, OK. Perf'd 7744', 7749', 7754', 7759', 7857', 7862', 7867', 7872', 7877', 7913', 7919', 7924' with 1 spz. Fraced with 69,160# 20/40 sand and 81,630 gal. treated water. Flushed with 1640 gal. water.
Perf'd 5678', 5688', 5701', 5710', 5714', 5725', 5730', 5734', 5744', 5760', 5774', 5780', 5786', 5796', 5804', 5814', 5819', 5828', 5838', 5844', 5851', 5892', 5948', 6006', 6040', 6053', 6072' with 1 spz. Fraced with 69,000# 20/40 sand and 214,780 gal. treated water. Flushed with 12,890 gal.wtr
Perf'd 5176', 5186', 5194', 5200', 5265', 5290', 5403', 5409', 5602', 5609' with 1 spz. Fraced with 29,500# 20/40 sand and 82,810 gal. treated water. Flushed w/12,880 gal.wtr

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED D. B. Lucero TITLE Drilling Clerk DATE October 28, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE NOV 3 1982
CONDITIONS OF APPROVAL, IF ANY:

NMOC

*See Instructions on Reverse Side

BY Sm