

26-137-24842

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

1a. TYPE OF WORK DRILL	5. LEASE NUMBER NM-03862
1b. TYPE OF WELL GAS SINGLE ZONE	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR <i>NCC</i> EL PASO NATURAL GAS CO.	7. UNIT AGREEMENT NAME SAN JUAN 28-4 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4990 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 28-4 UNIT
4. LOCATION OF WELL 1450'S 1030'W <i>1840 800</i>	9. WELL NO. 202
14. DISTANCE IN MILES FROM NEAREST TOWN 7 MILES FROM GOBERNADOR	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. 1030'	11. SEC. T. R. M OR BLK. <i>L</i> SEC. 18 T28N R04W NMPM
16. ACRES IN LEASE <i>1917</i> DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	12. COUNTY RIO ARRIBA
17. ACRES ASSIGNED TO WELL 319.56	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE. 500'	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 7455' GL <i>7522</i>	22. APPROX. DATE WORK WILL START

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

23. PROPOSED CASING AND CEMENTING PROGRAM **APPROVED**
AS AMENDED

*SEE OPERATIONS PLAN

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

SEP 01 1989
[Signature]
AREA MANAGER
3-16-89
DATE

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.

[Signature]
NMCCS

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 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 <u>El Paso Natural Gas</u>		Lease <u>(NM-03862)</u>		Well No. <u>202</u>	
Unit Letter <u>L</u>	Section <u>18</u>	Township <u>28 North</u>	Range <u>4 West</u>	County <u>NMPM Rio Arriba</u>	
Actual Footage Location of Well: <u>1840</u> feet from the <u>South</u> line and <u>800</u> feet from the <u>West</u> line					
Ground level Elev. <u>7522</u>		Producing Formation <u>Fruitland Coal</u>		Pool <u>Basin</u>	
Dedicated Acreage: <u>319.56</u>					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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Reissued to show
moved location

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.

Date Surveyed

Neale C. Edwards

Signature of Seal of
Professional Surveyor

Certificate No.

6857

OPERATIONS PLAN

DATE: MAR 15, 1980

Well Name: 202 SAN JUAN 28-4 UNIT 1450'S 1030'W
Sec. 18 T28N R04W RIO ARriba NEW MEXICO
BASIN FRUITLAND COAL Elevation 7455'GL

Formation tops: Surface- SAN JOSE
Ojo Alamo- 3775
Kirtland- 3925
Fruitland- 4177
Fruitland Coal Top- 4242
Fruitland Coal Base- 4413
Intermediate TD- 4157
Total Depth- 4415
Pictured Cliffs- 4419

Logging Program: Mud logs from intermediate to total depth.

Mud Program: Low solid non-dispersed mud from surface to total depth.

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 4157	7"	20.0#	K-55
	6 1/4"	4107 - 4415	5 1/2"	15.5#	K-55
Tubing Program:		0 - 4415	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above the guide shoe.

5 1/2" production liner - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 106 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (125 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 150 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 115 cu ft. of slurry, 100% excess to cover 1000' above the Ojo Alamo. Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1500 psi for 30 minutes.

5 1/2" liner - do not cement.

The Fruitland coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well. This gas is dedicated.

The S/2 of Section 18 is dedicated to this well.

