

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-137-6-517
RECEIVED

JUN 16 1989

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-079250
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR EL PASO NATURAL GAS CO. <i>N.R.I.</i>	7. UNIT AGREEMENT NAME SAN JUAN 28-5 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 28-5 UNIT
4. LOCATION OF WELL 1850'N 790'E	9. WELL NO. 202
14. DISTANCE IN MILES FROM NEAREST TOWN 4 miles from Gobernador	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. <i>H</i> SEC. 16 T28N R05W NMPM
15. DISTANCE FROM PROPOSED LOCATION 790' TO NEAREST PROPERTY OR LEASE LINE.	12. COUNTY 13. STATE RIO ARRIBA NM
16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL <i>29.176</i> 320.00	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 500' COMPL., OR APPLIED FOR ON THIS LEASE.	20. ROTARY OR CABLE TOOLS ROTARY
	This section is subject to technical and production review pursuant to 43 CFR 3160.4-1 and approved pursuant to 43 CFR 3160.4.
21. ELEVATIONS (DF, FT, GR, ETC.) 6597'GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

ALL OPERATIONS AND METHODS ARE
SUBJECT TO COMPLIANCE WITH APPLICABLE
FEDERAL AND STATE LAWS.

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

RECEIVED
AUG 1 1989

6-16-89
DATE

PERMIT NO. _____ APPROVAL DATE *8/1/89* **APPROVED**
AS AMENDED

APPROVED BY _____ TITLE _____ DATE *AUG 1 1989*

[Signature]
AREA MANAGER

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

CAF
NADCOB

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>(SE-079250)</u>		Well No. <u>202</u>	
Unit Lease <u>H</u>	Section <u>16</u>	Township <u>28 North</u>	Range <u>5 West</u>	County <u>NMPM Rio Arriba</u>	
Actual Footage Location of Well: <u>1850</u> feet from the <u>North</u> line and <u>790</u> feet from the <u>East</u> line					
Ground level Elev. <u>6597'</u>		Producing Formation <u>Fruitland Coal</u>		Pool <u>Basin</u>	
				Dedicated Acreage: <u>320</u> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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
6-10-89

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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
6-16-89

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes or 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 O. EDWARDS

Signature of Sealer
Professional Surveyor

Certificate No.
6857

Well Name: 202 SAN JUAN 28-5 UNIT
 Sec. 16 T28N R05W
 BASIN FRUITLAND COAL

1850'N 790'E
 RIO ARRIBA NEW MEXICO
 Elevation 6597'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2847
 Kirtland- 2969
 Fruitland- 3286
 Fruitland Coal Top- 3369
 Fruitland Coal Base- 3512
 Intermediate TD- 3357
 Total Depth- 3514
 Pictured Cliffs- 3520

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3357	Non-dispersed	8.4 - 9.1	30-60	no control
	3357 - 3514	Formation Water	8.4		no control

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 - 3357	7"	20.0#	K-55
	6 1/4"	3307 - 3514	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3514	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 casing - 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 18 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. 153 cu ft. of slurry, 100% excess to cover 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.

T-28 N
R-5 W
SAN JUAN CO-S
UNIT #202

