

30-039-24789

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FEDERAL BLM

JUN 8 1990 PM 1:52

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL

1b. TYPE OF WELL
GAS

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OIL CON. DIV.

2. OPERATOR

EL PASO NATURAL GAS CO. DIST. 3

El Paso Oil Co.

3. ADDRESS & PHONE NO. OF OPERATOR

P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL

1280' FSL 1340' FWL

5. LEASE NUMBER

SF-080430

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME

SAN JUAN 28-6 UNIT

8. FARM OR LEASE NAME

SAN JUAN 28-6 UNIT

9. WELL NO.

408

10. FIELD, POOL, OR WILDCAT

BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.

N SEC. 7 T28N R06W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
5 MI. SE. OF NAVAJO CITY

12. COUNTY

RIO ARRIBA

13. STATE

NM

15. DISTANCE FROM
PROPOSED LOCATION 1280'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL

5/ 260.40

986.040

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 350'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
3530' ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6831' GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *[Signature]*
REG. DRILLING ENGR.

5/4/90
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED BY
AS ASST. DIR.

MAY 30 1990

[Signature]
AREA MANAGER

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

0/5

15

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

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JUN 8 1990
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 Brisos 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>San Juan 28-6 Unit</u> (SF-080430)	Well No. <u>408</u>
Unit Letter <u>N</u>	Section <u>7</u>	Township <u>28 North</u>
Range <u>6 West</u>	County <u>Rio Arriba</u>	NMPM
Actual Footage Location of Well: <u>1280</u> feet from the <u>South</u> line and <u>1340</u> feet from the <u>West</u> line		
Ground level Elev. <u>6631'</u>	Producing Formation <u>Fruitland Coal</u>	Pool <u>Basin</u>
Dedicated Acreage: <u>260.40</u>		Acres

- Outline the acreage dedicated to the subject well by colored pencil or machine 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 commutation, 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 commutation, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Affairs
Position

El Paso Natural Gas
Company

5-3-90
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes, actual surveys made by me or under supervision, and that the same is true and correct to the best of my knowledge and belief.

NEALE C. EDWARDS
Date Surveyed

NEALE C. EDWARDS
Signature of Surveyor

857
Professional Surveyor

REGISTERED LAND SURVEYOR

NEALE C. EDWARDS

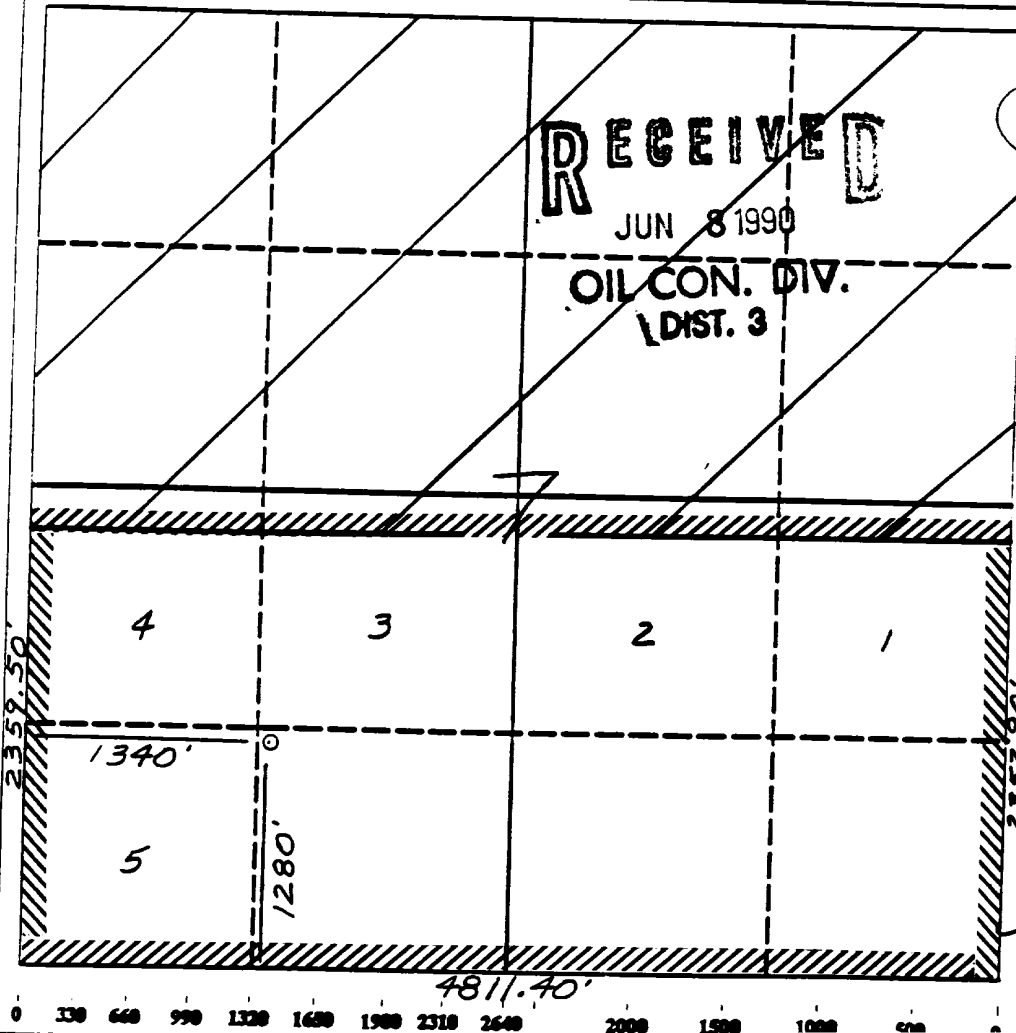
6857
Certificate No.

6857

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OIL CON. DIV.
DIST. 3



Well Name: 408 SAN JUAN 28-6 UNIT
 Sec. 7 T28N R06W
 BASIN FRUITLAND COAL

1280' FSL 1340' FWL
 RIO ARRIBA NEW MEXICO
 Elevation 6831' GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2751
 Kirtland- 2876
 Fruitland- 3291
 Fruitland Coal Top- 3407
 Fruitland Coal Base- 3527
 Total Depth- 3530
 Pictured Cliffs- 3532

Logging Program: Mud logs from 3291 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3530	Non-dispersed	8.4 - 9.5	30-60	no control

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	8 5/8"	24.0#	K-40
	7 7/8"	0 - 3530	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3530	2 3/8"	4.7#	J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

5 1/2" production casing - float shoe on bottom.
 Three centralizers run every other joint above shoe and four centralizers run every other joint across Ojo Alamo.

Wellhead Equipment: 8 5/8" x 5 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembly

Cementing:

8 5/8" surface casing - cement with 211 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (248 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

5 1/2" production casing - lead with 576 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. 1230 cu ft. of slurry, 100% excess to circulate to surface.
 WOC 12 hours.

