

30-039-24588

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAIL ROOM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 20 AM 10:48

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-080505A
1b. TYPE OF WELL GAS SINGLE ZONE	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR EL PASO NATURAL GAS CO. <i>Meridian Oil Inc.</i>	7. UNIT AGREEMENT NAME SAN JUAN 28-6 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4990 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 28-6 UNIT
4. LOCATION OF WELL 1540'S 1980'W	9. WELL NO. 403
14. DISTANCE IN MILES FROM NEAREST TOWN 3 MILES FROM GOVERNADOR	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. DISTANCE FROM PROPOSED LOCATION 1540' TO NEAREST PROPERTY OR LEASE LINE.	11. SEC. T. R. M OR BLK. K SEC. 12 T28N R06W NMPM
16. ACRES IN LEASE 955.33	12. COUNTY RIO ARriba
17. ACRES ASSIGNED TO WELL 282.48	13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 1000' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3406'
20. ROTARY OR CABLE TOOLS ROTARY	21. ELEVATIONS (DF, FT, GR, ETC.) 6508' GL
22. APPROX. DATE WORK WILL START	23. PROPOSED CASING AND CEMENTING PROGRAM

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

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

*SEE OPERATIONS PLAN

RECEIVED

DEC 04 1989

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

OIL CON. DIV. 3-17-89
DIST. 3 DATE

APPROVED
AS AMENDED

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

NOV 30 1989

[Signature]
AREA MANAGER

NMCCO

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-

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

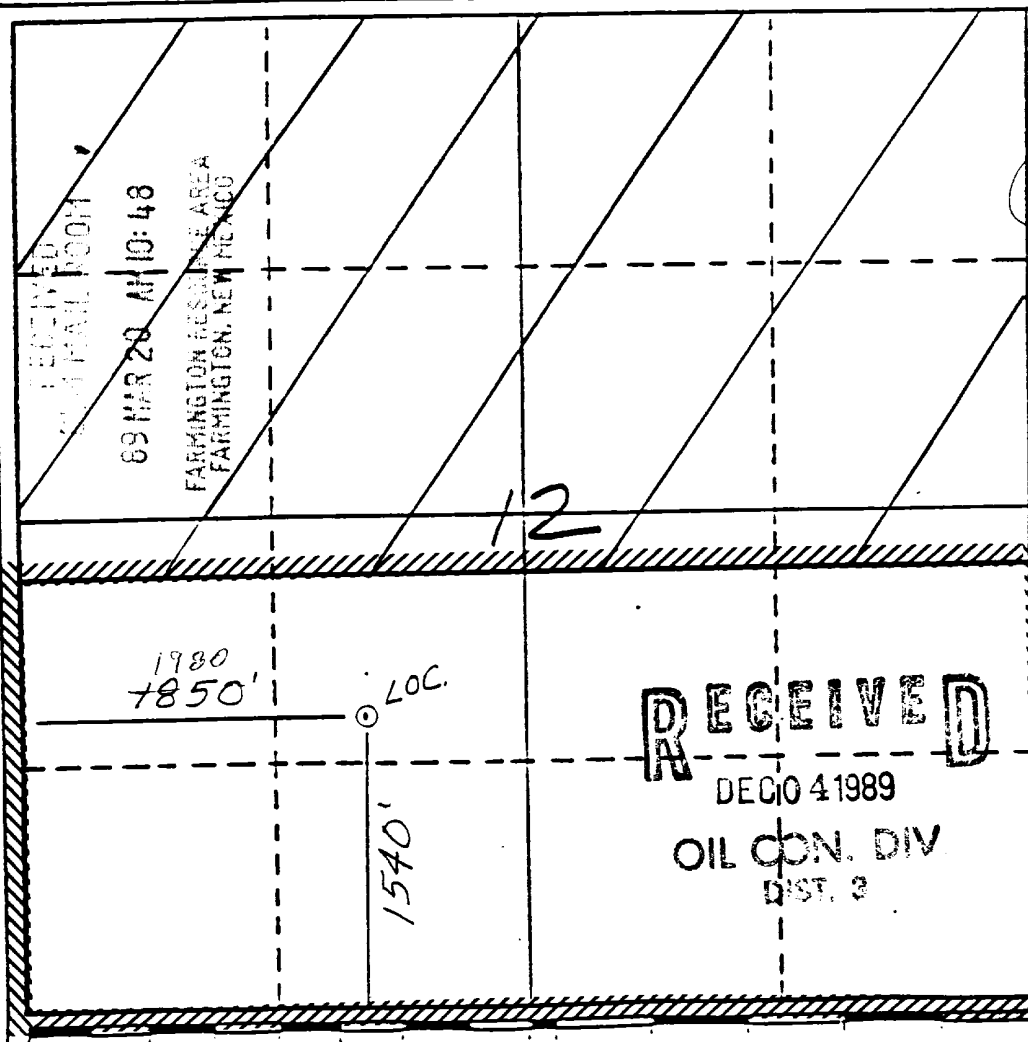
Operator <u>El Paso Natural Gas</u>		Lease <u>San Juan 28-6 Unit (SF-080505A) #03</u>		Well No. <u>403</u>
Unit Letter <u>K</u>	Section <u>12</u>	Township <u>28 North</u>	Range <u>6 West</u>	County <u>Rio Arriba</u>
Actual Postage Location of Wells <u>1540</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line				
Ground Level Elev. <u>6508'</u>	Producing Formation <u>Fruitland Coal</u>	Pool <u>Basin</u>	Dedicated Acreage <u>382.48</u>	

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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

Donna Stadfield
Name

Regulatory Affairs

Position
El Paso Natural Gas

Company
3-17-89

Date

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

Neale C. Edwards
Date Surveyed

11-5-88

Registered Professional Engineer and/or Land Surveyor

Neale C. Edwards

Certificate No.

6857

Well Name: 403 SAN JUAN 28-6 UNIT
 Sec. 12 T28N R06W
 BASIN FRUITLAND COAL

1540'S 1980'W
 RIO ARriba-NEW MEXICO
 Elevation 6505'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2609
 Kirtland- 2779
 Fruitland- 3046
 Fruitland Coal Top- 3296
 Fruitland Coal Base- 3405
 Total Depth- 3406
 Pictured Cliffs- 3408

Logging Program: Mud logs from 3046 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no control
	200 - 3406	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 - 3406	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3406	2 3/8"	4.7#	J-55

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

5 1/2" production casing - float shoe on bottom.

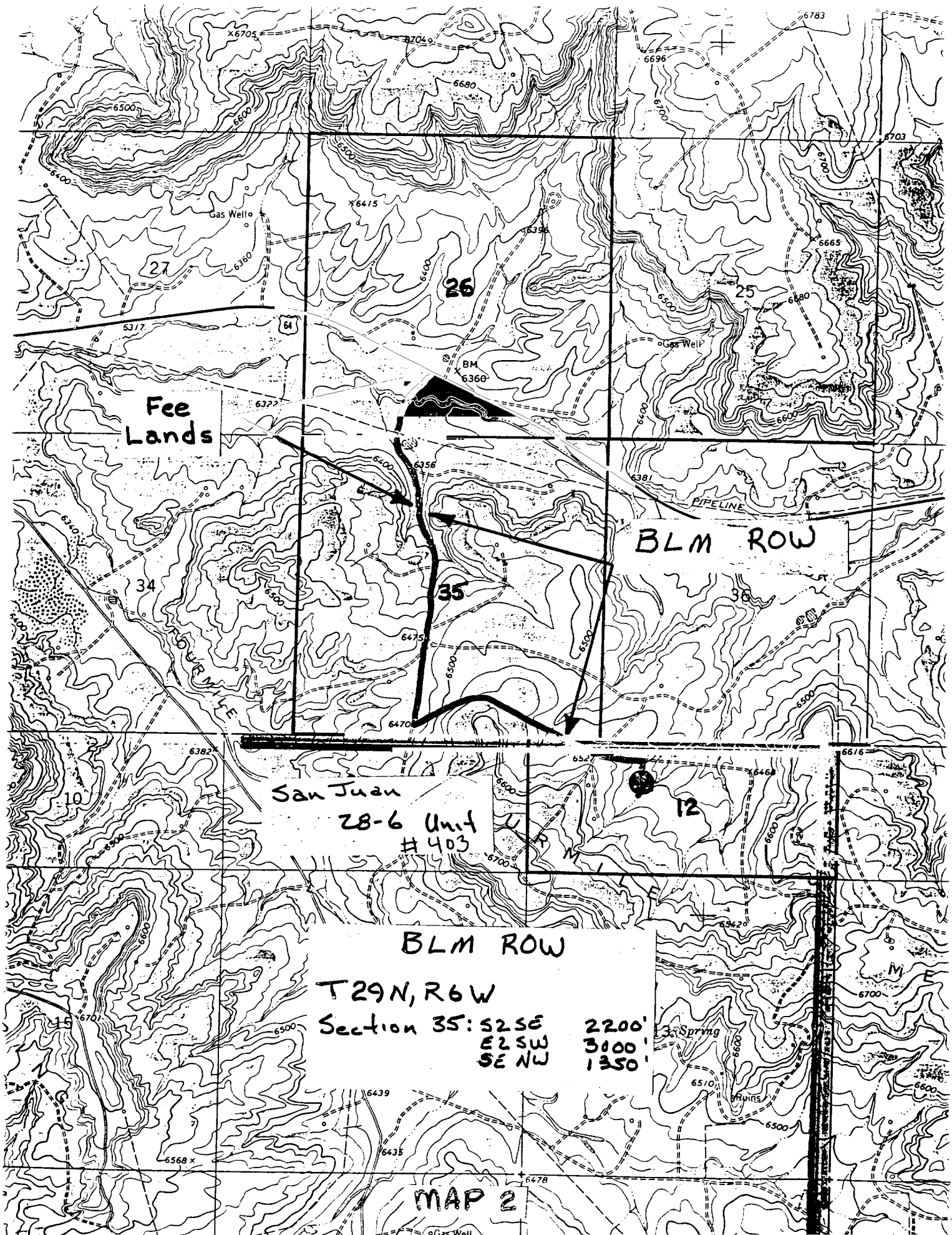
Three centralizers run every other joint above shoe.

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 140 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (165 cu ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

5 1/2" production casing - lead with 82 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. 276 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.



Fee
Lands

BLM ROW

San Juan
28-6 Unit
#403

BLM ROW

T29N, R6W

Section 35:	S2SE	2200'
	E2SW	3100'
	SE NW	1350'

MAP 2