

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-24647

RECEIVED
BLM MAIL ROOM

69 MAR 20 AM 10:33

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

- 1a. TYPE OF WORK
DRILL
- 1b. TYPE OF WELL
GAS SINGLE ZONE
2. OPERATOR
EL PASO NATURAL GAS CO
Mesa Verde Oil Inc.
3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4990
FARMINGTON, NM 87499
4. LOCATION OF WELL
790'S 2510'W
5. LEASE NUMBER
NM-03862
6. IF INDIAN, ALL. OR TRIBE NAME
7. UNIT AGREEMENT NAME
SAN JUAN 28-4 UNIT
8. FARM OR LEASE NAME
SAN JUAN 28-4 UNIT
9. WELL NO.
204
10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL
11. SEC. T. R. M OR BLK.
N SEC. 19 T28N R04W NMPM
12. COUNTY
RIO ARriba
13. STATE
NM
14. DISTANCE IN MILES FROM NEAREST TOWN
8 MILES FROM GOBERNADOR
15. DISTANCE FROM
PROPOSED LOCATION 790'
TO NEAREST PROPERTY
OR LEASE LINE.
16. ACRES IN LEASE
1917
17. ACRES ASSIGNED TO WELL
5/319.38
18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 900'
COMPL., OR APPLIED
FOR ON THIS LEASE.
19. PROPOSED DEPTH
4405'
20. ROTARY OR CABLE TOOLS
ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.)
7410'GL
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.

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

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: *Paul Bradfield*
REGULATORY AFFAIRS

RECEIVED

MAR 07 1990

OIL CON. DIV.
DIST. 3

3-16-89
DATE APPROVED
AS AMENDED

MAR 02 1990

Paul Shalla
AREA MANAGER

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

NMCCG

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

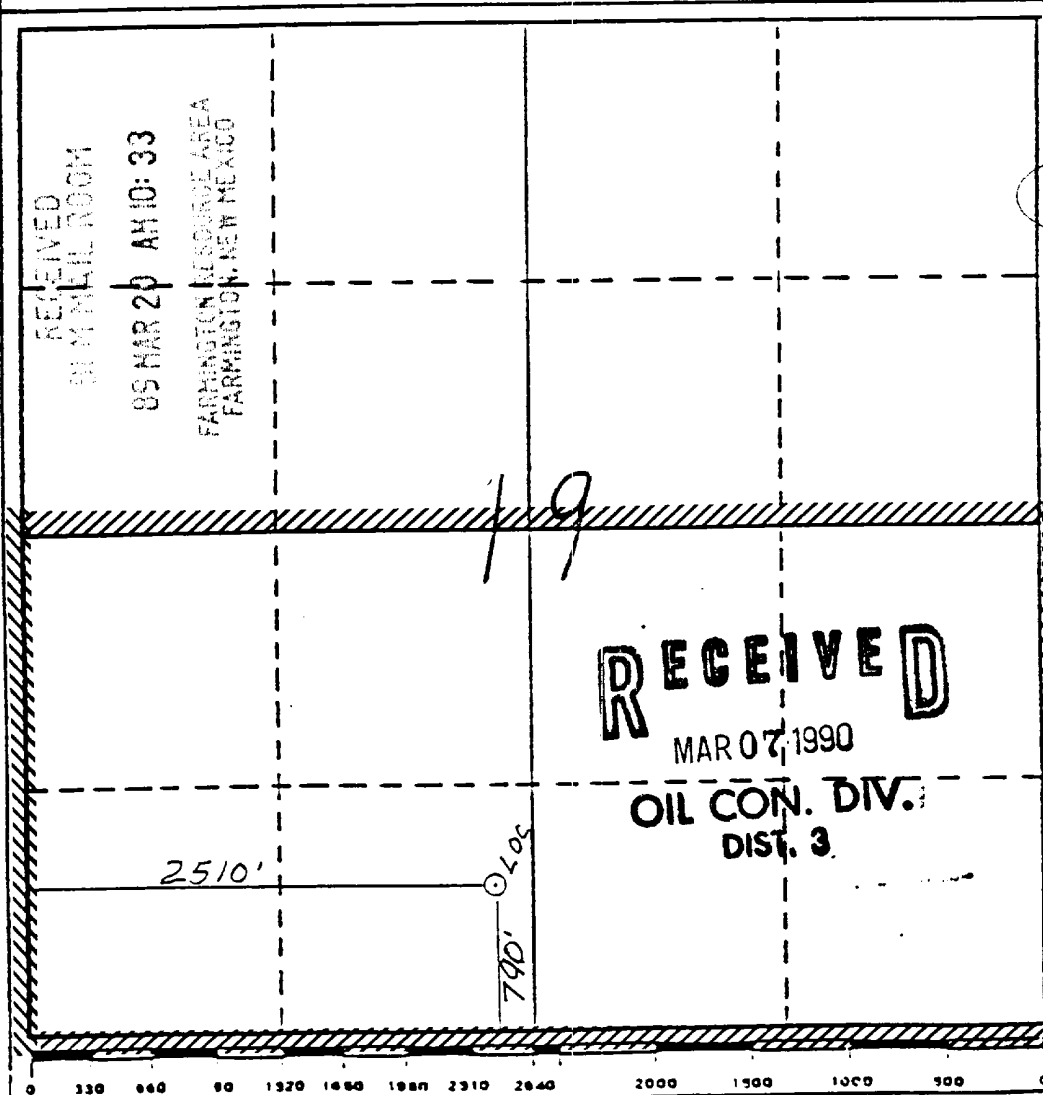
Operator <i>Meridian Oil Inc.</i> El Paso Natural Gas		Lease San Juan 28-4 Unit (NM-03862)		Well No. 204
Unit Letter N	Section 19	Township 28 North	Range 4 West	County Rio Arriba
Actual Footage Location of Wells 790 feet from the South line and 2510 feet from the West line				
Ground Level Elev. 7410	Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 320	

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 work 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 Division.



CERTIFICATION

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

Name
Regulatory Affairs

Position
El Paso Natural Gas

Company
3-16-89

Date

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

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Neale C. Edwards

Certificate No.

6857

Well Name: 204 SAN JUAN 28-4 UNIT
 Sec. 19 T28N R04W
 BASIN FRUITLAND COAL

790'S 2510'W
 RIO ARRIBA NEW MEXICO
 Elevation 7410'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 3760
 Kirtland- 3940
 Fruitland- 4185
 Fruitland Coal Top- 4250
 Fruitland Coal Base- 4392
 Total Depth- 4405
 Pictured Cliffs- 4410

Logging Program: Mud logs from 4185 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no contro.
	200 - 4405	Non-dispersed	8.4 - 9.5	30-60	no contro.

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 - 4405	5 1/2"	15.5#	K-55
Tubing Program:		0 - 4405	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 55 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. 224 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.

