

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MAR 08 1989

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
NM-43757

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
North Lindrith 22

9. WELL NO.  
2

10. FIRST TOOL, OR WILDCAT  
Wades Chacra/  
Wades Mesa Verde

11. SEC., T., R., S., OR S.E.  
AND SURVEY OR AREA  
0, 22-25N-2W, NMPM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

3. NAME OF OPERATOR

Mesa Grande Resources, Inc.

4. ADDRESS OF OPERATOR

1200 Philtower Building, Tulsa, OK 74103

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

790' FEL & 1650' PSL, Sec. 22-25N-2W, NMPM

At proposed prod. zone

same as SURFACE above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

6 miles north of Lindrith, New Mexico

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

790'

18. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

100' ±

19. PROPOSED DEPTH

6040'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7234' GR

22. APPROX. DATE WORK WILL START

February 9, 1989

23. "COMPLIANCE WITH ATTACHED REQUIREMENTS"

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.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	300' +	150 sx. (180 ft. <sup>3</sup> )
7 7/8"	4 1/2"	10.5#	6040' +	1100 sx. (1540 ft. <sup>3</sup> )

PROPOSED PROGRAM:

- The proposed well will be drilled through the Mesa Verde Formation and will evaluate the hydrocarbon potential of the Chacra and Mesa Verde zones. The completion program will be determined at total depth after log analysis.
- A BOP will be installed after surface casing is set and cemented. Prior to drilling out from under surface, BOP will be tested to 500# SIP. All subsequent work will be conducted through BOP.
- Drilling mud will be low solid non-dispersed; 50-55 visc., 8.5-9.2 ppg.

\*\*\*\*CONTINUED ON SEPARATE SHEET\*\*\*\*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Alan P. Emmendorfer TITLE Geologist DATE Feb. 1, 1989  
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

"Approval of this action does

not warrant that the applicant

holds legal or equitable rights

or title to this lease."

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

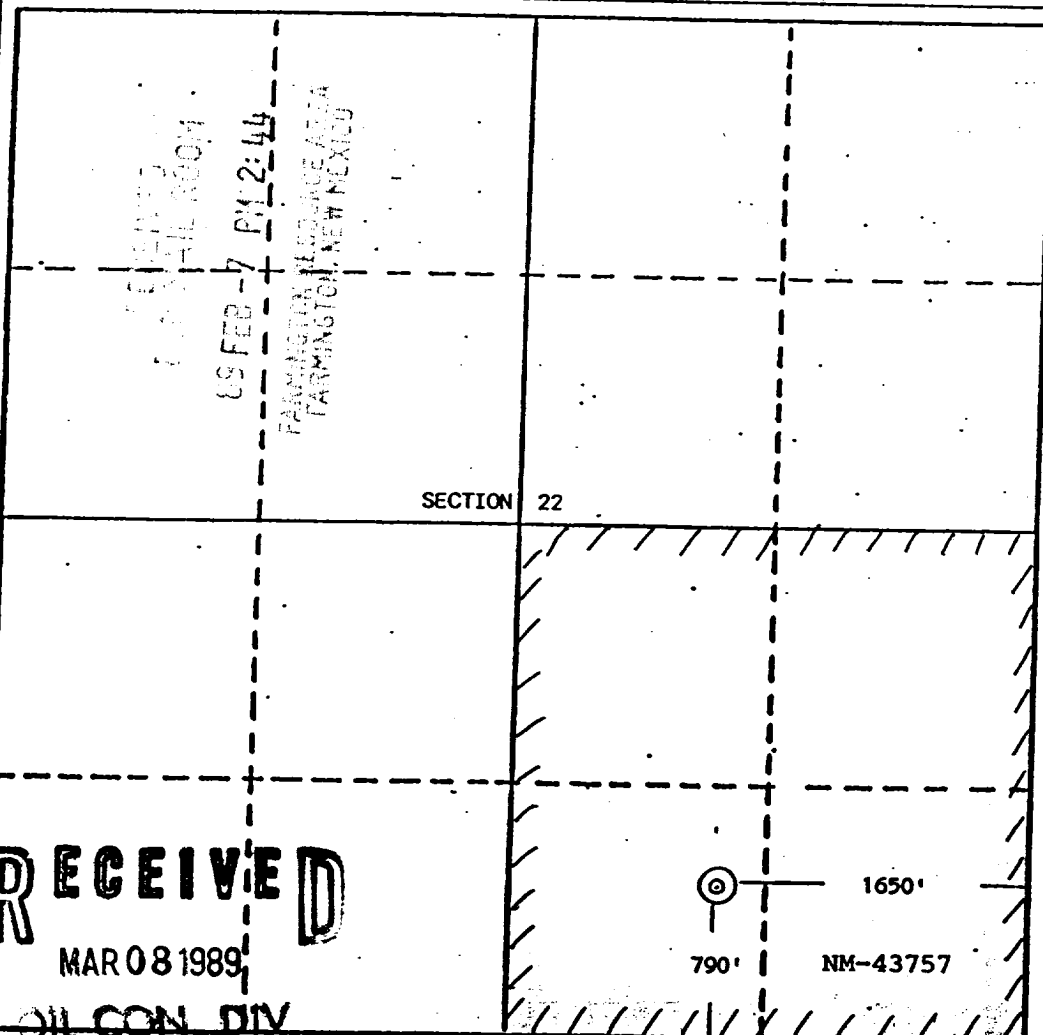
Operator Mesa Grande Resources, Inc.		Lease North Lindrith 22		Well No. 2
Unit Letter 0	Section 22	Township 25 North	Range 2 West	County Rio Arriba
Actual Footage Location of Well: 790 feet from the South line and 1650 feet from the East line				
Ground Level Elev. 7234	Producing Formation Chacra/ Mesa Verde	Pool <i>Under Chacra/ Mesa Verde</i>	Dedicated Acreages 160/160 Acres	

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 \_\_\_\_\_

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.

*Alan P. Emmendorfer*

Name

Alan P. Emmendorfer

Position

Geologist

Company

Mesa Grande Resources, Inc.

Date

Feb. 1, 1989

*Edgar L. Risenhoover*  
I have examined the well location shown on this plat and find it to be correct to the best of my knowledge and belief, and that the same is correct to the best of my knowledge and belief.

Date Surveyed

January 17, 1989

Registered Professional Engineer and/or Land Surveyor

*Edgar L. Risenhoover*

Certificate No.

5979

Edgar L. Risenhoover, L.S.