

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

MESA OPERATING LIMITED PARTNERSHIP

3. ADDRESS OF OPERATOR

P.O. BOX 2009, AMARILLO, TEXAS 79189

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

At surface

930' FEL/1920' FNL

At proposed prod. zone  
Same

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

5 miles west of Farmington, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

930

16. NO. OF ACRES IN LEASE

2523.72

17. NO. OF ACRES ASSIGNED

TO THIS WELL

12-220 319.65

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

950'

20. ROTARY OR CABLE TOOLS

Rotary

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

5344' GR

This action is subject to technical and  
procedural review pursuant to 42 CFR 3165.4.

23. PROPOSED CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO REQUIREMENTS WITH ATTACHED

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	90'	45 sx Class "A" and
7 7/8"	5 1/2"	17#	950'	100 Poz/150 sx "B" (Surface)

Propose to spud well with 12 1/4" hole and drill to + 90' and set  
8 5/8" conductor casing. Will cement with 45 sx of Class "A" and  
raise cement to surface. Will drill 7 7/8" hole to TD of + 950' with  
fresh water mud system. Will then log well and evaluate for possible  
commercial production. If successful, will then run 5 1/2" casing to  
+ 950' and cement with 100 sx Pozmix followed by 150 sx Class "B" cement.  
Will move off drilling rig and move in completion unit.

xc: BLM-Farmington (0+5), IMOCD-Aztec (1), WF Reg. Land. Expl., Drilling  
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  
prevention program, if any.

24.

SIGNED

Catalyn L. McKee

TITLE

Regulatory Analyst

DATE

2/09/90

(This space for Federal or State office use)

AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

SEP 24 1990

TITLE

DATE

SEP 19 1990

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.

DIST. 3

See Instructions On Reverse Side

AREA MANAGER

# 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

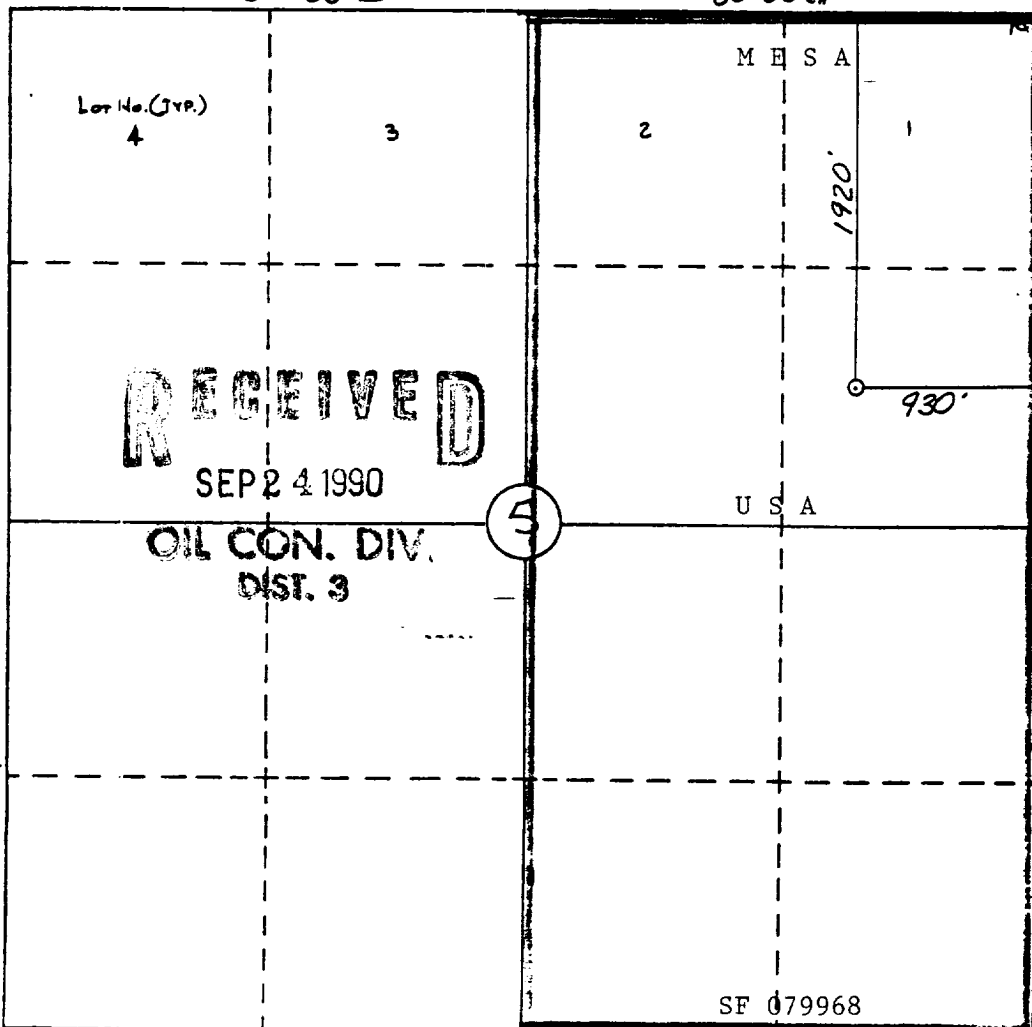
Operator <b>MESA OPERATING LIMITED PARTNERSHIP</b>			Lease <b>FC FEDERAL</b>		Well No. <b># 14</b>
Unit Letter <b>H</b>	Section <b>5</b>	Township <b>29 N</b>	Range <b>14 W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1920</b> feet from the <b>North</b> line and <b>930</b> feet from the <b>East</b> line					
Ground level Elev. <b>5344</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin Fruitland Coal</b>		Dedicated Acreage: <b>E/2 320 Acres</b>

- 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 \_\_\_\_\_  
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.

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 500 0

S 89°23'E

80.00 CH



### OPERATOR CERTIFICATION

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

Signature  
*Carolyn L. McKee*  
Printed Name  
**Carolyn L. McKee**  
Position  
**Regulatory Analyst**  
Company  
**Mesa Limited Partnership**  
Date  
**2/28/90**

### SURVEYOR CERTIFICATION

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

8-11-89

Date Surveyed  
**William E. Mattheke II**  
Signature & Seal of Professional Surveyor  
**WILLIAM E. MATTHEKE II**  
**#8466**  
**REGISTERED PROFESSIONAL LAND SURVEYOR**