

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

910' FSL & 2205' FWL

At proposed prod. zone

Same

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

15 miles NW of Farmington

15. DISTANCE FROM PROPOSED*

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

910'

16. NO. OF ACRES IN LEASE

467.76

17. NO. OF ACRES ASSIGNED
TO THIS WELL

S/2 320 311.00

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

600'

19. PROPOSED DEPTH

1890'

20. ROTARY OR CABLE TOOLS

Rotary

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

5708' GR

This location is subject to land survey.

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	150 (177Ft ³) 'B' + 2% CaCl(Surf)
7 7/8"	5 1/2"	17#	1890'	200 (360Ft ³)/200(236Ft ³) 'B' (Surf)

Propose to spud well with 12 1/4" hole and drill to 200' and set 8 5/8" surface casing. Will cement with 150 sx of Class "B" and raise cement to surface. Will nipple up 2000 psi BOP assembly and drill 7 7/8" hole to TD of + 1890' 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 + 1890' and cement with 200 sx Pozmix followed by 200 sx Class "B" cement in accordance with NTL-FRA 90-1. Will move off drilling rig and move in completion unit.

xc: BLM-Farmington (0+5), 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 preventer program if any.

24.

SIGNED

Carol L. McKee

TITLE Sr. Regulatory Analyst

DATE 7/30/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

SEP 04 1990

Ken Townsend

OIL CON. DIV.

See Instructions On Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
For Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

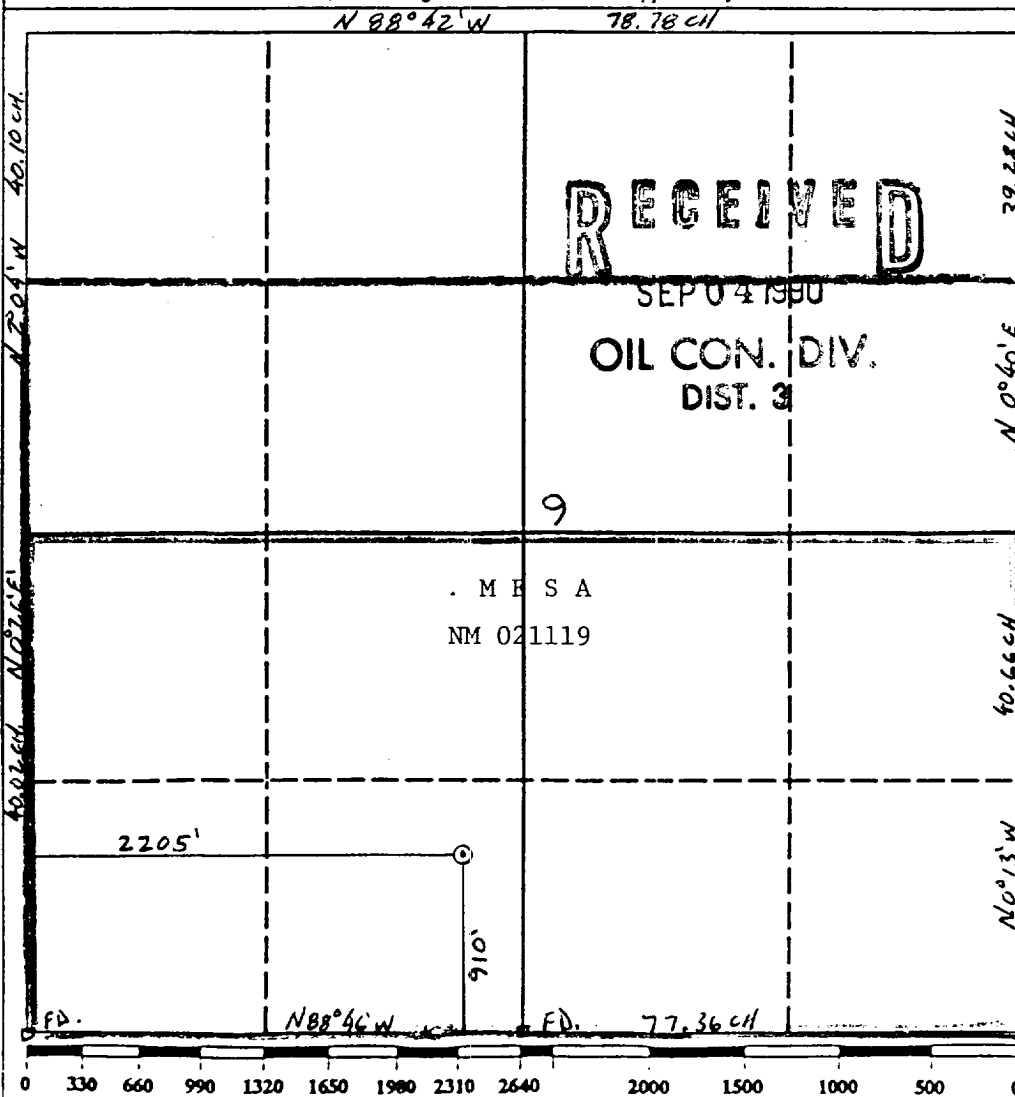
All Distances must be from the outer boundaries of the section.

Operator Mesa Operating Limited Partnership			Lease FC Federal		Well No. 18
Unit Letter N	Section 9	Township 29N	Range 12W	County San Juan	
Actual Footage Location of Well: 910 feet from the South line and 2205 feet from the West line					
Ground level Elev. 5708'		Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: S/2 320 3/11.00 Acres	

- 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.



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
Sr. Regulatory Analyst

Company
Mesa Ltd Partnership

Date
7/30/90

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.

Date Surveyed
6/8/90

Signature & Seal of
Professional Surveyor
ROY A. RUSH

8894

CERTIFIED PROFESSIONAL LAND SURVEYOR

Certificate
8894

Mesa Operating Limited Partnership
FC Federal #18
910'FSL & 2205'FWL
Sec.9, T29N, R12W
San Juan Co., NM

