

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/

RECEIVED

3. ADDRESS OF OPERATOR

P.O.Box 2009 Amarillo, Tx 79189-2009

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)  
At surface

660' FSL & 2302' FWL

At proposed prod. zone

JUL 20 '88

O. C. D.  
ARTESIA OFFICE

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

11 MILES SE OF LAKE ARTHUR

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 660'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 3000'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

8620' TD

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3497.7 GR

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
17 1/2"	13 3/8"	48#	350'	400
11"	8 5/8"	24#	1651'	800
7 7/8"	4 1/2"	11.6/10.5#	8613'	2090

Propose to abandon Morrow perfs (8393'-8457')  
by setting CIBP @ 8300' with 35' cement on  
top. Pressure test to 1500 psig. Perforate  
the Strawn formation from 7933'-7940'. RIH  
with 2 3/8" 4.7# N-80 tubing & packer to + 7900'  
and return well to production. Will stimulate if  
necessary.

JUN 27 9 26 AM '88  
CARLSON  
ARTESIA

RECEIVED

xc: BLM-C (0+5), Prod Rcds, Reg, Expl., Land, C. Records, Partners

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

*Caryl Cummings*

TITLE Regulatory Analyst

DATE 6-23-88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

ORIG. SEC. RAJ GIRI

CHIEF, MINERAL RESOURCES

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

7-19-88

\*See Instructions On Reverse Side