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SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

NEW OIL COM. COMMISSION
Form approved.
Budget Bureau No. 42-R1425.
Atoka, NM 88210

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OIL & GAS

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 Petroleum Co. ✓

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

2160' FNL & 1980' FWL Unit K, Lot 11

At proposed prod. zone same

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

12 miles east from Lake Arthur

15. DISTANCE FROM PROPOSED*

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

1980'

16. NO. OF ACRES IN LEASE

1249.63

17. NO. OF ACRES ASSIGNED TO THIS WELL

270.5

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

N/A

19. PROPOSED DEPTH

TD 9365

20. ROTARY OR CABLE TOOLS

CU

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

3622' GR

22. APPROX. DATE WORK WILL START*

1st Quarter 1983

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'	Surface
11"	8 5/8"	24#	1899'	Surface
4 1/2"	4 1/2"	10.6,10.5,11.6#	9365'	1252 sx "H"

The workover proposal for this well consists of isolating the present Morrow perforations (9100'-9104' and 9190'-9197') and recompleting in the Strawn formation from 8469'-8481'. Existing perforations will be isolated using a cast iron bridge plug and topped with 35' of cement. Perforation of the Strawn will be accomplished with a tubing gun after which the formation will be flowed and evaluated. If the flow rate is unsatisfactory, the zone will be treated with nitrified acid.

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

R. E. Math

TITLE

Regulatory Coordinator

DATE

12-22-82

(This space for Federal approval)

APPROVED

PERMIT NO.

(Orig. Bgd.) PETER W. CHESTER

APPROVAL DATE

APPROVED BY

JAN 3 1983

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

XC: MMS-R (0+6) TEN RCDS - ACCTG, PROD(FILE), MIDLAND, HOBBS, PARTNERS