

NMOCC COPY

SUBMIT IN T^h ICATE^e
(Other instr. is on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22588

5. LEASE DESIGNATION AND SERIAL NO.

NM 7066

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Williamson Federal Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated - Atoka

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 12-T16S-R27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

1000 Vaughn Building, Midland, Texas 79701

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

At surface

660' FNL and 1980' FWL

At proposed prod. zone

Same

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

Approximately 11½ miles east and south of Lake Arthur, N.M.

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

920

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

None

19. PROPOSED DEPTH

9000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3637.1 GR

PLM

22. APPROX. DATE WORK WILL START*

July 1, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48#	350'	400 sx - Circ to surface
11"	8-5/8"	24#	1700'	700 sx LW + 200 sx neat
7-7/8"	12½"	11.6#	9000'	600 sx or sufficient to cover pay

Propose to drill 17½" hole to approximately 350' without BOPs. Will run and cement 13-3/8" casing, then nipple up 12" API 3000 psi BOPs after drilling 11" hole to approximately 1700' using brine as drilling fluid. Will run and cement 8-5/8" casing to surface. Will nipple up BOPs, same as before (with ram, blind, and annular bag) and drill to total depth using fresh water and converting to KCL system near total depth.

Mud program: See attached "APPLICATION FOR DRILLING."

BOP program: See attached "APPLICATION FOR DRILLING" and Exhibit VI.

Operator's gas is dedicated to Northern Natural Gas Company.

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

Edward N. Luckin

TITLE

Agent

DATE

6/8/78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 22 1978

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 22 1978

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
SEP 22 1978

*See Instructions On Reverse Side