

UNITED STATES  
DEPARTMENT OF THE INTERIOR OIL CONS. COMMISSION  
GEOLOGICAL SURVEY

Drawer DD

Artesia, NM 88210

30-COS-61695  
LEASE DESIGNATION AND SERIAL NO.

NM-20836-20336

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

WILLOW CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

WILDCAT ABO

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

SEC 7, T4S, R25E

12. COUNTY OR PARISH 13. STATE

CHAVES

NEW MEXICO

16. NO. OF ACRES IN LEASE

COM 160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START\*

JULY 13, 1982

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 79701-4493

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

1980' FSL & 1980' FEL. NW 1/4 SE 1/4 J

At proposed prod. zone

SAME

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

50 miles North/Northeast of Roswell, New Mexico

15. DISTANCE FROM PROPOSED\*

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

660' / 1980'

18. DISTANCE FROM PROPOSED LOCATION\*

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

5000'

19. PROPOSED DEPTH

4350'

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

3941' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5#	950'	700/300 SURFACE
9 1/2"	7 5/8"	26.4#	1600'	700/300 TIE BACK
6 1/2" / 7 7/8"	4 1/2" / 5 1/2"	10.5#	4350'	300 COVER ABO

Propose to drill 14 3/4" hole with mud or air to approximately 950' and run 10 3/4" casing. Will cement to surface and test casing with cementing head to 600 psi. Will reduce hole to 9 1/2" and drill on mud or air to approximately 1600' and run 7 5/8" casing if circulation has been lost and cement with sufficient amounts to tie-back to 10 3/4" casing. Will then reduce hole to 6 1/2" or 6 3/4", test BOP's and casing and drill to total depth. If hole conditions are favorable, the 7 5/8" casing will be omitted and the hole will be reduced to 7 7/8" and drilled to total depth. Either 4 1/2" or 5 1/2" casing will be run as production casing depending upon hole size drilled to TD.

Operator's gas sales are dedicated.

Revised ID-1  
API & NL Book  
7-16-82

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, LAND, ROSWELL, REM, FILE, (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

R. E. Martin

TITLE

REGULATORY COORDINATOR

DATE

6-17-82

(This space for Federal or State office use)

APPROVED

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

JUN 8 1982

TITLE

CONDITIONS OF APPROVAL, IF ANY

JAMES A. CHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

RECEIVED  
JUN 21 1982  
OIL & GAS  
GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO