

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR

MURCHISON OIL & GAS, INC.

3. ADDRESS AND TELEPHONE NO.

1445 ROSS AVE., STE. 5300, LB 152, DALLAS, TX. 75204-2883

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

At surface 1830' FSL & 660' FEL NESE (I)
At proposed prod. zone

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

7 MILES SOUTHEAST FROM ARTESIA, NM.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1924'

16. NO. OF ACRES IN LEASE

600

19. PROPOSED DEPTH

9700'

17. NO. OF ACRES ASSIGNED TO THIS WELL

320 (2nd Optional)

20. ROTARY OR CABLE TOOLS

ROTARY

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

3548' GR

22. APPROX. DATE WORK WILL START*

12/15/99

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	NETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8 H-40	48#	400-300'	420 SX - CIRCULATE
12 1/4"	8 5/8 K-55	32#	1800	515 SX - CIRCULATE
7 7/8"	5 1/2 N-80-S95	17#	9700	640 SX - EST TOP @ 6500'

IT IS PROPOSED TO DRILL THIS WELL TO A TD OF 9700' AND TEST THE MORROW FORMATION

THE BLOWOUT PREVENTION PROGRAM IS AS FOLLOWS:

- 1) ONE SET OF DRILL PIPE RAMS (5M)
- 2) ONE SET OF BLIND RAMS (5M)
- 3) ONE SET OF HYDRIL (3M)

Post ID-1
10-22-99
HPL & Loc

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 prevention program, if any.

24.

SIGNED

Michael S. Daugherty

TITLE

VICE PRESIDENT OPERATIONS

DATE

9/22/99

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

LARRY D. BRAY

Acting

Assistant Field Office Manager.

Lands and Minerals

APPROVED BY

TITLE

DATE

10/22/99

*See Instructions On Reverse Side