

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Chi Operating, Inc. 4378 915/685-5001

3. ADDRESS AND TELEPHONE NO.
P. O. Box 1799 Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' FSL & 1980' FEL
At proposed prod. zone Same ut.o

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles E of Artesia, NM

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 660'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3400' GL

16. NO. OF ACRES IN LEASE 120

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

19. PROPOSED DEPTH 9,200'

20. JOINT RY OR CABLE TOOLS

22. APPROX. DATE WORK WILL START*
Sept. 26, 1997

5. LEASE DESIGNATION AND SERIAL NO.
NM-69163

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
30-815-29865

8. FARM OR LEASE NAME, WELL NO.
LD "4" Federal Com.

9. API WELL NO.
1 21680

10. FIELD AND POOL, OR WILDCAT
Wildcat Mmew

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA 96742

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8" J-55	48.0#	350'	Circ. 400 sx "C"
11"	9 5/8" J-55	36.0#	1,500'	Circ. 600 sx "C"
8 3/4"	5 1/2" J-55	23.0# 17.0#	9,200'	Tieback w/700 sx "C"
	J-55 3400' 15.5#			
	N-80 3000' 17.4#			

Mud Program

0' - 350' : Fresh water Gel/Lime:
350' - 1,500' : Cut Brine:
1,500' - 8,500' : Cut Brine, seep. control:
8,600' - 9,200' : Cut Brine seep. control:

Mud Wt. - Vis. - W/L Control
8.6- 9.0 ppg 34 - 36 No W/L control
10.0-10.2 ppg 28 - 29 No W/L control
10.0-10.2 ppg 28 - 29 No W/L control
10.0-10.5 ppg 36 - 40 W/L control 10cc+/

BOP Program:

A 11" 5000 psi wp Shaffer Type LWS BOP will installed on the 13 3/8" casing. Casing and BOP will be tested before drilling out with 11" and will be tested daily.

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 preventer program, if any.

SIGNED George Smith TITLE Agent for: Chi Operating, Inc. DATE Sept. 5, 1997
(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:

APPROVED BY (ORIG. SGD.) TONY L. FERGUSON

TITLE _____

ADM, MINERALS

SEP 26 1997

DATE _____

*See Instructions On Reverse Side