

B
C19F

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
Chi Operating, Inc. (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' FSL
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11 miles NE of Carlsbad, NM

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

16. NO. OF ACRES IN LEASE
478.29

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1320'

19. PROPOSED DEPTH
6700'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3274' GL Capitan Controlled Water Basin

22. APPROX. DATE WORK WILL START*
May 14, 1994

5. LEASE DESIGNATION AND SERIAL NO.
NM-9818

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Remington Federal #3

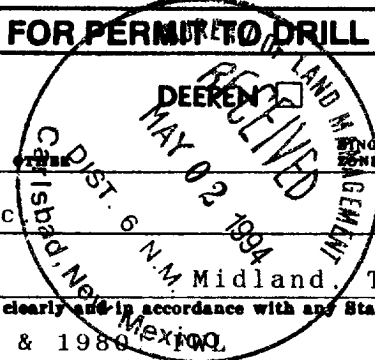
9. API WELL NO.
30-015-27967

10. FIELD AND POOL, OR WILDCAT
Old Millman Ranch Bone Spring

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA (ASSOC)
Sec. 3-T20S-R28E 48035

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico



RECEIVED MAY 19 1994 ARTESIA, NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	48.0#	500'	Circulate 500 sx "C"
7 7/8"	5 1/2" J-55	15.5#	6700'	Circ. 1660 sx "C" & "H"
NOTE: If drilling conditions dictate, will ream out with 12 1/4" and run following program:				
12 1/4"	8 5/8" J-55	24.0#	3000'	Circulate 635 sx "C"
7 7/8"	5 1/2" J-55	15.5#	6700'	Tieback with 535 sx "C"

Mud Program:

	Mud Wt.	Vis.	W/L Control
0' - 500': Fresh water w/Gel spud mud:	8.4-9.0 ppg	32-38	No W/L control
500' - 6200': Cut Brine w/gel & lime:	9.0-9.2 ppg	28-30	No W/L control
6200' - 6700': Cut brine w/gel & starch:	9.0-9.3 ppg	29-31	W/L control 10cc

PH = 10 in fresh water mud and 9.5-10.5 in brine mud.

BOP Program:

A 11" 5000 psi wp Shaffer Type "LWS" BOP with a 5000 psi wp 11" GK Huydril, will be installed on the 13 3/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". BOP will be tested daily as a 3M system.

Approval Subject to
General Requirements and
Special Stipulations
Attached

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.

24. SIGNED George Smith TITLE Chi Operating, Inc. DATE April 29, 1994

(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:

(ORIG. SGD.) RICHARD L. MANUS
APPROVED BY

TITLE AREA MANAGER

DATE MAY 16 1994

*See Instructions On Reverse Side