

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Chi Operating, Inc.

RECEIVED

3. ADDRESS OF OPERATOR

P. O. Box 1799

Midland, Texas 79702 9'00

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

At surface

330' FSL & 660' FWL

At proposed prod. zone

Same

O. C. D.

ARTESIA, OFFICE

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

8 miles west of Carlsbad, NM

16. DISTANCE FROM PROPOSED*

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

330'

18. NO. OF ACRES IN LEASE

340.47

18. DISTANCE FROM PROPOSED LOCATION*

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

N/A

19. PROPOSED DEPTH

4255'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3574' GL

22. APPROX. DATE WORK WILL START*

November 5, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" WITNESS	54.5#	350'	400 sx "C" circulated
12 1/4"	8 5/8" WITNESS	24 or 32#	2100' *	Circ 530 sx H/L & 200 "C"
7 7/8"	5 1/2"	15.5-17#	4255'	600 sx "C"

* 2100' or 100' below the Capitan Reef.

Mud Program:

0' - 350': Fresh water mud with gel and lost circulation material, if needed.

350' - 2150': Fresh water mud with gel and lost circulation material, if needed.

2100' - 3600': Brine mud, natural viscosity, W/L 10cc.

[AREA OF RECHARGE TO CBAD'S WTR. SUPPLY]

Post ID-1

11-16-90

Sho-Lact API

BOP Program:

A 10" 3000 psi wp Series 900 Cameron SS Space Saver BOP will installed on the 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". BOP will be used as a 2000 psi wp system and will be tested daily.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 [Signature] Agent for: Chi Operating, Inc. DATE Oct 5 18, 1990

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE Acting DATE 11 8 90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side