

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ JUL 09 1991 DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

ANTE NA OPERATOR

GREAT WESTERN DRILLING COMPANY

(Kenneth Smith)
(505-396-5538)

3. ADDRESS OF OPERATOR

P.O. Box 1659

Midland, Texas 79702

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

At surface

430' FNL, 1650' FWL, Sec.11-19S-30E

At proposed prod. zone

Same

(UNIT C)

(NENW)

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

24 air miles northeast of Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED*

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

430'

16. NO. OF ACRES IN LEASE

2160.32

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.

430'

19. PROPOSED DEPTH

3200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3406.5' GL

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"	48#	685'	750 sx "C" + 2% CaCl ₂ (Circ)
12-1/4"	8-5/8"	24#	1900'	1230 sx "C" + 2% CaCl ₂ (Circ)
7-7/8"	5-1/2"	14#	3200'	400± sx "C" + 2% CaCl ₂ (Circ)
				Est. Top Cement - 1800'

Propose to drill to 3200'± to test Grayburg and intermediate formations.

This well is within the Designated Potash Area but outside of the NMOCD
R-111-P Area.

Productive zones will be selectively perforated and stimulated.

See attached "SUPPLEMENTAL DRILLING DATA".

Post ID-1
7-12-91

New Loc & API

Exp. Int. 2-12-96 30-015-26784

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 Jerry W. Long TITLE Permit Agent DATE June 10, 1991
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITION OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

ATTACHED

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.