

Antesias, 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

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 2310' FEL, Sec. 11-19S-30E

At proposed prod. zone

Same

(UNIT B)

(NWNE)

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

24 air miles northeast of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

430'

18. DISTANCE FROM PROPOSED LOCATION*

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

500'±

16. NO. OF ACRES IN LEASE

2160.32

10. PROPOSED DEPTH

3200'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3431.3' GL

22. APPROX. DATE WORK WILL START*

As Soon As Possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

Antesias Potash

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
				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".

EXP INT. 2-12-96 30-015-26803

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 15, 1991

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

*See Instructions On Reverse Side

ATTACHED
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.