

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Lakes Chemical Corporation

3. ADDRESS OF OPERATOR %Minerals Management Inc., Suite 105,
501 Airport Drive, Farmington, New Mexico 874014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface1450' FSL, 1830' FEL, SEC. 3, T27N, R8W
At proposed prod. zone

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

SE of Blanco, N.M.

15. DISTANCE FROM PROPOSED*

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

1450'

18. DISTANCE FROM PROPOSED LOCATION*

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

None

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

4550'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

5888' GR

22. APPROX. DATE WORK WILL START*

April 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" (new)	24# K-55	200'	200 sx
7 7/8"	5 1/2" (new)	15.5# K-55	4550'	per Calliper log to surface

Great Lakes Chemical Corporation plans to drill this Mesa Verde development well. The surface formation is Wasach, with the Ojo Alamo water sand anticipated at 1155', Pictured Cliffs at 2153', Chacra at 3017', Cliff House at 3718', and Point Lookout at 4275'. A series 900 (3000 psi W.P.) Blowout Preventer will be used. The blowout preventer will be tested before drilling surface plug, with water base mud. Drill stem tests will be taken where necessary for evaluation. No abnormal pressures or temperatures are anticipated. Drilling should require approximately 10 days. The gas is dedicated.

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

TITLE

Area Manager

Minerals Management Inc. DATE April 6, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Order R-5395