

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

Michael P. Grace

3. ADDRESS OF OPERATOR

Box 1418, Carlsbad, New Mexico

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

At surface

660 FNL, 660 FWL Sec. 24, T. 21 N., R. 3 W.

At proposed prod. zone

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

Approx. 14 miles west of Cuba, New Mex.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80 40

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

6600' DAKOTA

5000'

20. ROTARY OR CABLE TOOLS

rotary

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

7236

7227 GR

22. APPROX. DATE WORK WILL START*

Jan. 30, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLES	SIZE OF CASING	W. INTERFACED	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8-5/8	24	300	circ. to surface.
7-7/8	5 1/2		td	150 sks.

This well will be spudded and surface casing set by a small rotary rig.
A larger rotary rig will subsequently be moved onto the location to complete
the well.

See ATTACHED BLM STIP.

Copy of conditions to
BLM - District Engineer
NMDCO - R. L. ...
E. W. Co. ...

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

Paul L. Carl

TITLE

Geologist

DATE Jan. 23, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

FEB 5 1974

JERRY W. LONG
DISTRICT ENGINEER

TITLE

Final approval to drill 1/31/74

JAN 25 1974

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20508

*See Instructions On Reverse Side

NSC. 7790 DURANGO

All distances must be from the outer boundaries of the Section

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plot below.

1. Outline the acreage dedicated to the subject.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

() Yes () No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Form if necessary.) _____

_____ If interests have been consolidated (by communitization, unitization, forced-

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____

Position _____

Company _____

Date _____

I hereby certify that the facts stated above
this page were gathered from reliable sources of ac-
curacy made by me or under my supervision,
that the same is true and correct to the best of
knowledge and belief.

Date Surveyed: 7. 10. 1961

January 23, 1974

Registered Professional Engineer
and/or Land Surveyor

E. V. Eakland

Certificate No 3602

E. V. Echohawk LS

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