

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20145

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
 P.O. Box 1418, Carlsbad, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface ~~800~~ FNL, ~~800~~ FEL Sec. 36, T. 21 N., R. 2 W.
 At proposed prod. zone ~~800~~ ~~700~~
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 1 1/2 miles southwest of Cuba, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 800

16. NO. OF ACRES IN LEASE 640

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. none

19. PROPOSED DEPTH 3000 - Menefee

20. ROTARY OR CABLE TOOLS rotary

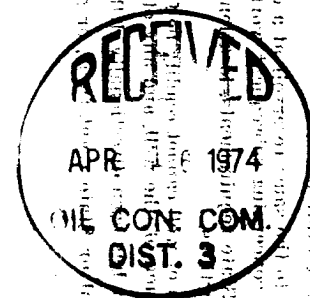
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Gr. 6930

22. APPROX. DATE WORK WILL START* April 29, 1974

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	24	250	125 sks
7-7/8	4 1/2		td	

Surface casing will be set by a small rotary rig, and hole will be completed by a larger rig.



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] TITLE Geologist DATE April 11, 1974

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 NSC for Gas Head over

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

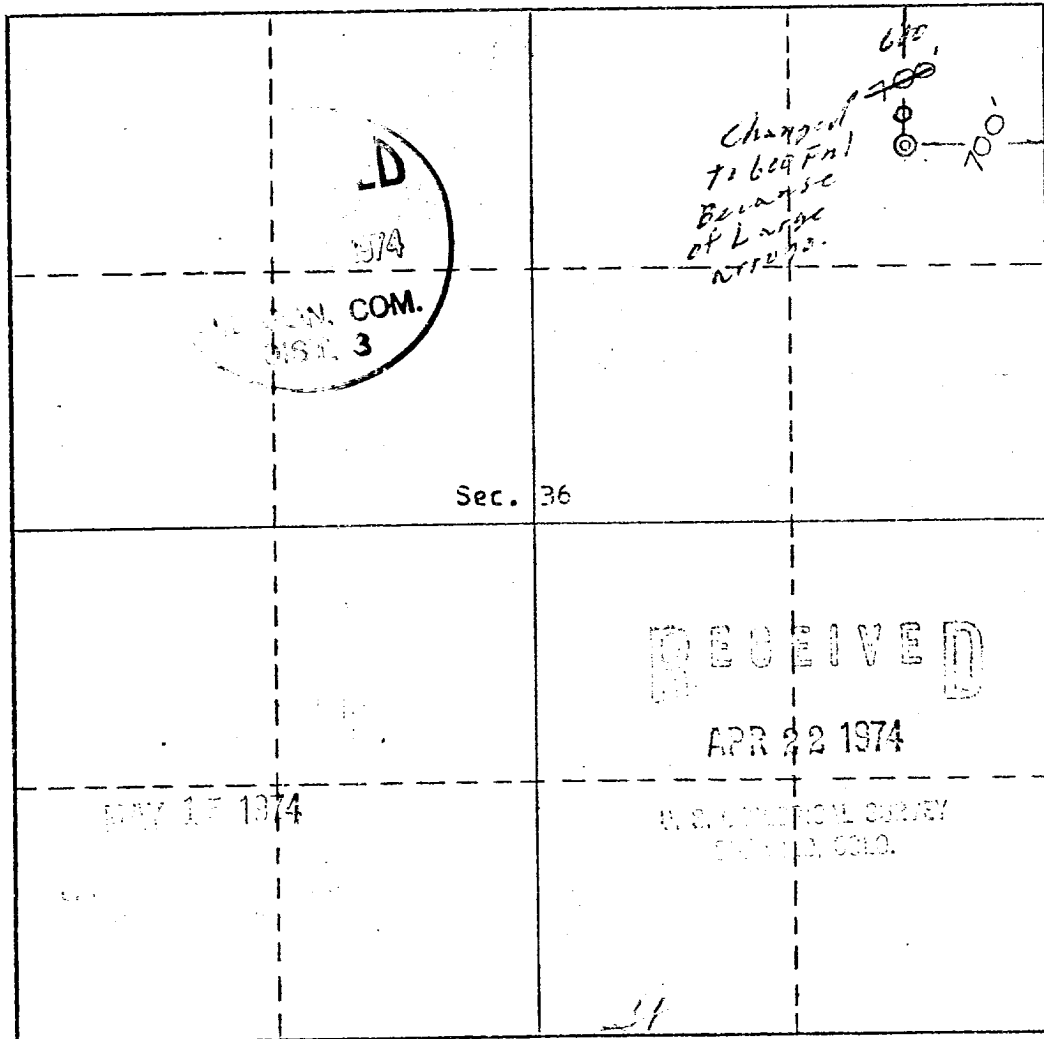
Operator Michael P. Cozace Grace Oil Company		Lease South Wash Fed		Well No. 1
Unit Letter A	Section 36	Township 21 North	Range 2 West	County Sandoval
Actual Footage Location of Well: 688 feet from the North line and 700 feet from the East line				
Ground Level Elev. 6926	Producing Formation	Pool	Dedicated Acreage: Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 been consolidated. (Use reverse side of this form if necessary.) _____

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.



CERTIFICATION

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

Name: **John M. Cochran**
Position: **Geologist**
Company: **Grace Oil Co.**

Date: **May 13 - 1974**

I hereby certify that the well location shown on this plat was plotted from field notes of a rough survey made by me or under my supervision, and that the same true and correct to the best of my knowledge and belief.

Date Surveyed: **April 15, 1974**
Registered Professional Engineer and/or Land Surveyor

E. V. Echohawk
Certificate No. **3602**
E. V. Echohawk LS

DEVELOPMENT PLAN FOR SURFACE USE

SOUTH WASH NO. 1 FEDERAL

1. Existing roads consist of an unimproved dirt road running west from NM 197 to a point about 2,000 feet from the drill site.
2. about 2,000 feet of new road must be built to the drill location. this road will be compacted only.
3. See Map
4. See Map.
5. See Plat.

Water will be hauled from La Jara.

7. Combustible waste will be burned in burn pit. all other waste, including drill cuttings will be buried in mud pit.
8. Trailer will be used on drill location.
9. N.A.
10. See Plat.
11. Location will be leveled and re-seeded according to U.S.F.S. recommendations.
12. The location consists of a wide valley covered by grass and weeds. A large arroyo lies just north of the location.



