

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22365

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
Grace Petroleum Corporation

3. ADDRESS OF OPERATOR
1515 Arapahoe St., 3 Park Central, Ste. 200, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
K 1670' FSL, 1820' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
50 miles SE of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)
1670' FSL, 1820' FWL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
5440'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6907' Ungraded Ground

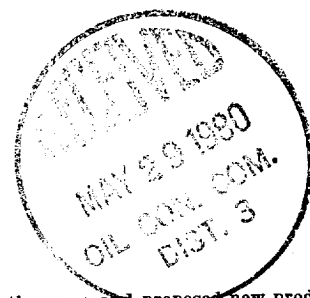
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	Cmt to surface
7-7/8"	4-1/2"	10.5#	TD	300 sx, Class "G"

It is proposed to drill and test the Gallup Formation at the above location.
Total depth will be approximately 5440'.

A 4 1/2" production string will be run and cemented, or the well plugged and
abandoned, as per regulations, whichever test indicates.

See attached for pertinent data.



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 Sally C. Brief TITLE Southern District Operations Manager DATE 4-17-80
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____
NMOCC
*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.
SF-078362
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Grace Federal 6
9. WELL NO.
1
10. FIELD AND POOL, OR WILDCAT
Lybrook Gallup EXT.
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 6, T23N-R6W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL
80 40 ✓
20. ROTARY OR CABLE TOOLS
Rotary
22. APPROX. DATE WORK WILL START*
July, 1980

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section

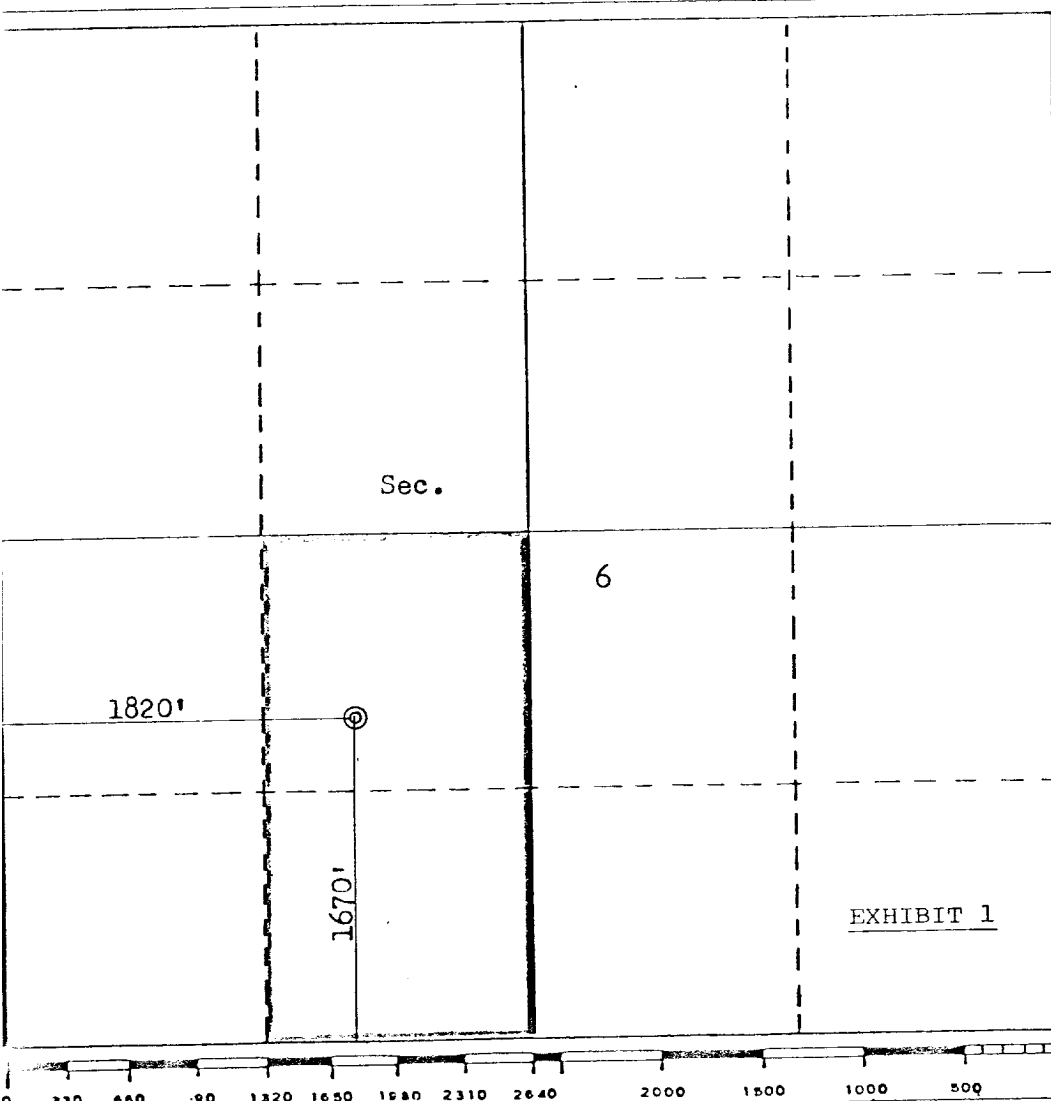
Operator GRACE PETROLEUM CORPORATION		Lease GRACE-FEDERAL 6		Well No. 1
Well Letter K	Section 6	Township 23N	Range 6W	County Rio Arriba
Actual Footage Location of Well: 1670 feet from the South line and 1820 feet from the West line				
Ground Level Elev. 6907	Producing Formation Gallup	Pool Lybrook Gallup	Dedicated Acreage: E 80 50 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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). Single lease
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? N/A

☐ 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.) N/A

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

Scotty A. Smith

Position Southern District
Operations Manager

Company

Grace Petroleum Corporation

Date

March 26, 1980

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

Date Surveyed

March 5, 1980

Registered Professional Engineer
and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

