

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator GRACE PETROLEUM CORP.			Lease WEST TONTO 24 FEDERAL COM		Well No. 2
Unit Letter K	Section 24	Township 19 SOUTH	Range 32 EAST	County NMPM	LEA
Actual Footage Location of Well: 2310 feet from the SOUTH line and 1650 feet from the WEST line					
Ground level Elev. 3603.0	Producing Formation Delaware		Pool East Lusk Delaware	Dedicated Acreage: 40 Acres	

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

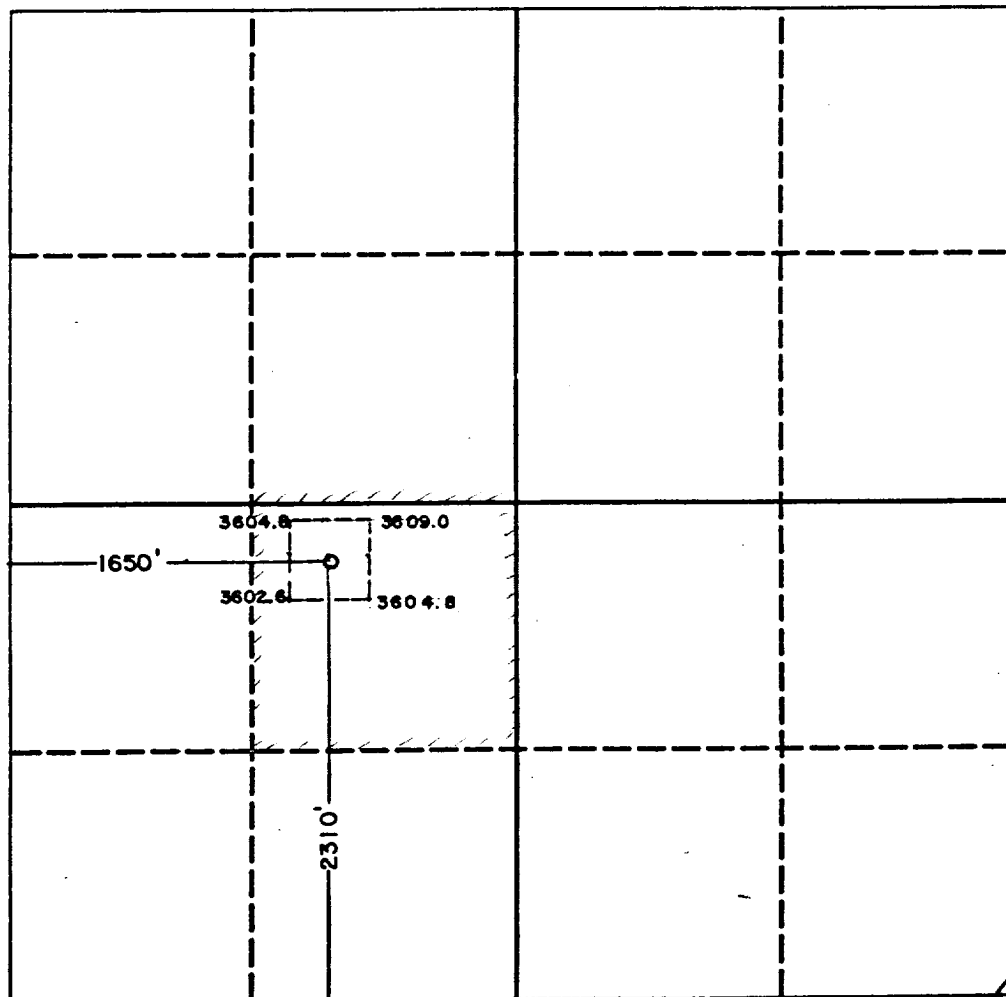
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

M. T. Jordan

Signature
M. T. Jordan

Printed Name
Operations Superintendent

Position
Grace Petroleum Corporation

Company
June 5, 1991

Date

SURVEYOR CERTIFICATION

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

5-9-91

Signature & Seal of
Professional Surveyor

John W. West
Professional Surveyor
JOHN W. WEST
676
RONALD J. EIDSON
3239
NEW MEXICO

Application For Permit To Drill
Grace Petroleum Corporation
W. Tonto Federal Comm. #2-24
2310' FSL & 1650' FWL
Section 24, T19S-R32E
Lea County, New Mexico

In conjunction with Form 3160-3, Application For Permit To Drill, Grace Petroleum Corporation submits the following items of pertinent information.

1. Geological Surface Formation:

Quaternary alluvium and bolson deposits

2. Estimated Formation Tops: GR

<u>Formation</u>	<u>Estimated Depth</u>	<u>Remarks</u>
Yates	3300'	Poss. show oil
7 Rivers	3400'	" " "
Queen	4500'	" " "
Delaware	5700'	" " "

3. Proposed Casing Program: See Form 3160-3 & Attachment I

4. Pressure Control Equipment: See Attached II

5. Mud Program: See Attachment III

6. Auxillary Equipment: As needed

7. Testing, Logging and Coring Program:

Testing - Possible DST in Delaware 5980-6040' & 6300-6360'

Logging - 3000' to TD

Electric Logs

DSN-SDL w/CSNG	Int. csg to TD (DSN surf to TD)
FW Sonic	Int. csg to TD (DT surf to TD)
DLL w/GR & Cal.	Int. csg to TD
Dipmeter	Int. csg to TD
CBL	TD to TOC

Coring - 60' full diameter Delaware
30 sidewall cores Delaware

8. Known Drilling Hazards: None

9. Anticipated Starting Date: July 1, 1991