

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

30-039-22634

LEASE REGISTRATION AND SERIAL NO.

NM 014023

IF INDIAN, AFFECTED OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒xxx

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒xxx

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Grace Petroleum Corporation

CINC Texas, Inc.

3. ADDRESS OF OPERATOR

3 Park Central, #200, 1515 Arapahoe, Denver, CO 80202

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

At surface

SW 1/4 1650' FEL, 800' FSL

At proposed prod. zone

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Betty C 31

9. WELL NO.

2-2

10. FISH AND POOL, OR WILDCAT

Lybrook

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 31-24N-7W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

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

50 miles SE from Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

1650' FEL, 800' FSL

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

16. NO. OF ACRES IN LEASE

960 640.36

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.

19. PROPOSED DEPTH

5700'

20. ROTARY OR CABLE TOOLS

Rotary

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

6982' est. GR, 6994' KB

22. APPROX. DATE WORK WILL START

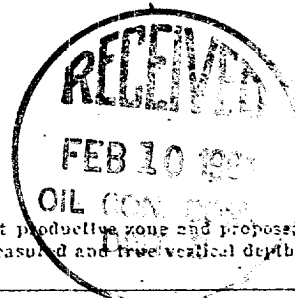
23. PROPOSED CASING AND CEMENTING PROGRAM

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 approx. 5700'	300 sx. class "G"

It is proposed to drill and test the Gallup formation at the above location. Total depth will be approximately 5700'.

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

See Attached Program



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. Circ blowout preventer program, if any.

24.

SIGNED

Kim D. Lucks

TITLE Operations Engineer

DATE 8-26-80

(This space for Federal or State office use)

APPROVED

AS AMENDED

APPROVAL DATE

APPROVED BY

FEB 09 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

RECEIVED

OIL CONSERVATION DIVISION

Exhibit 1

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

Form 1
2-1-80

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

Operator <u>UNC Texas, Inc.</u> <u>GRACE PETROLEUM CORPORATION</u>		Lease <u>BETTY C 31</u>		Well No. <u>2 E</u>
Unit Letter <u>0</u>	Section <u>31</u>	Township <u>24N</u>	Range <u>7W</u>	County <u>Rio Arriba</u>
Actual Footage Location of Well: <u>800</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line				
Ground Level Elev. <u>6932</u>	Producing Formation <u>Gallup</u>	Pool <u>Escrito Lybrook</u>	Dedicated Acreage: <u>40</u>	

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 well 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 been consolidated (the reverse and 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.

Sec.		31	
		1650'	
		800'	

RECEIVED
FEB 17 1981
OIL CON. DIV.
DIST. 3

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

Name X R. H. Hulme
 Position X Dir. & Prod. Engr
 Company X UNC Texas, Inc.
 Date X 2-13-81

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

Date Surveyed _____
 Registered Professional Engineer and Land Surveyor
Fred B. Kerr
 Certificate No. 3950

Scale: 1"=1000'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other ☐
2. NAME OF OPERATOR UNC, Inc.
United Nuclear of Texas
3. ADDRESS OF OPERATOR
PO Box 1391, Midland, TX 79703
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1650' FEL, 800' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>

(other) Release of NTL-6 to operator

5. LEASE
NM 014023
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Betty 'C'
9. WELL NO.
2-31
10. FIELD OR WILDCAT NAME
Escrito-Lybrook
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 31-24N-7W
12. COUNTY OR PARISH Rio Arriba 13. STATE NM
14. API NO. 40
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6982 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

GRACE PETROLEUM CORPORATION hereby designates the USGS to release the NTL-6 for the above well to United Nuclear of Texas, P.O. Box 1391, Midland, TX 79703, subsequent to their being designated operator by Supron.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____

18. I hereby certify that the foregoing is true and correct

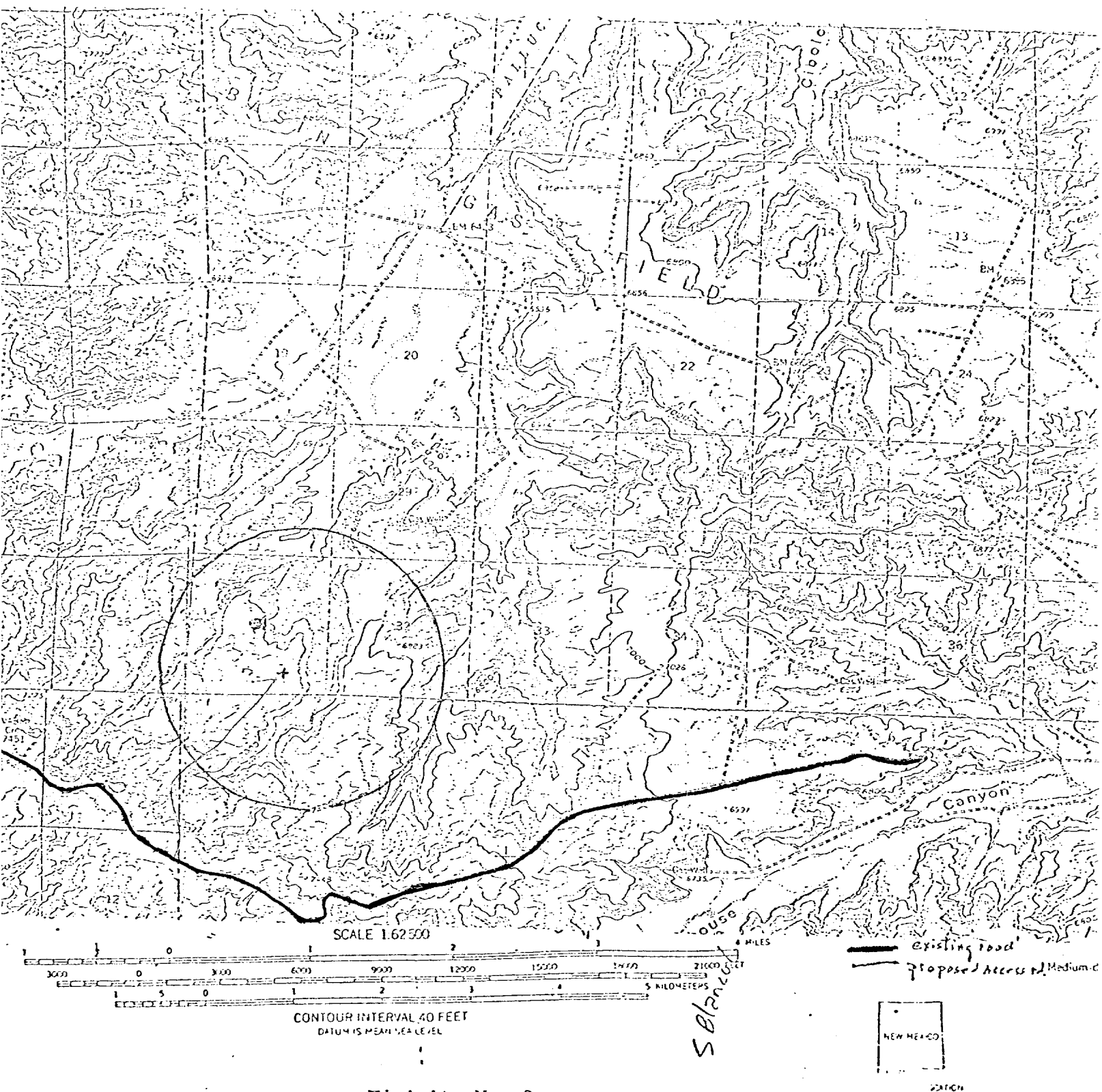
SIGNED Kim O. Luchs TITLE Operations Eng. DATE 12/29/80

(This space for Federal or State office use)

APPROVED BY APPROVED TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY
AS AMENDED

FEB 09 1981
for Bruce Wainwright
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions on Reverse Side



THIS
FOR SALE BY U.S. GEOLOGICAL SURVEY
A FOLDER DESIGN

Vicinity Map for
GRACE PETROLEUM CORPORATION #2C BETTY 31
800' FSL 1650' FEL Sec. 31-T24N-R7W
RIO ARRIBA COUNTY, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other

2. NAME OF OPERATOR
UNC Texas, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1391, Midland TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1650' FEL, 800' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

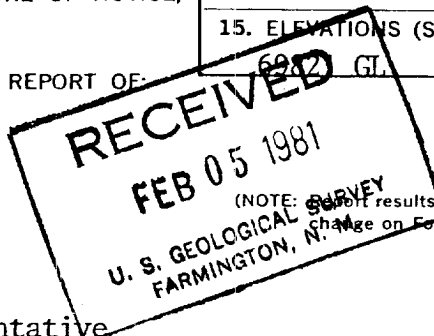
REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

(other) Change Operators Field Representative



5. LEASE

NM 014023

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Betty 'C' 3'

9. WELL NO.

248

10. FIELD OR WILDCAT NAME

Lybrook-Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 31-24N-7W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operators Field Representative should be changed as follows:

Randall H. Hulme
P.O. Drawer 1391
Midland, TX 79702

Work: 915-683-3613
Home: 915-697-1358

Malcolm D. Abel
As above

Work: 915-683-3613
Home: 915-697-1332

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct.

SIGNED R. Hulme TITLE Drilling and Production Engineer DATE 2-2-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____