

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21824

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  
CHACE OIL COMPANY, INC.

8. ADDRESS OF OPERATOR  
313 Washington S.E., Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface Unit "N" 1000' SL & 1640' WL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
13 miles west of Lindrith, NM

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1640'  
16. NO. OF ACRES IN LEASE 2560

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2600'  
19. PROPOSED DEPTH 7600'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6954 GR

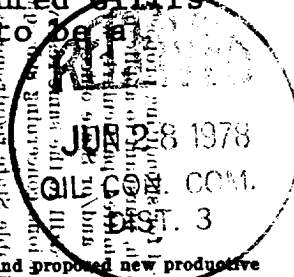
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-1/2	8-5/8	26#	250'	225 sxs

Drill 265' 13 1/2" surface hole, set 250' 8-5/8" csg. Cement to surface with 225 sxs. Using oil base mud (15%) oil and adequate BOP drill a 7-7/8" hole to 7600' to test the Dakota formation. If productive, run 4 1/2" 10.5# or heavier casing to total depth and cement in stages to cover the producing zones including the Pictured Cliffs formation. If non-productive, plug and abandon. The BOP to be a Schaeffer double gate hydraulic tested to 5000#.

RECEIVED

JUN 26 1978



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back give a detailed description of the 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 Larry M. Carey TITLE President DATE 6-22-78

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

OK

NOIC 202.15

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-101  
Supersedes O-128  
Effective 1-1-61

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

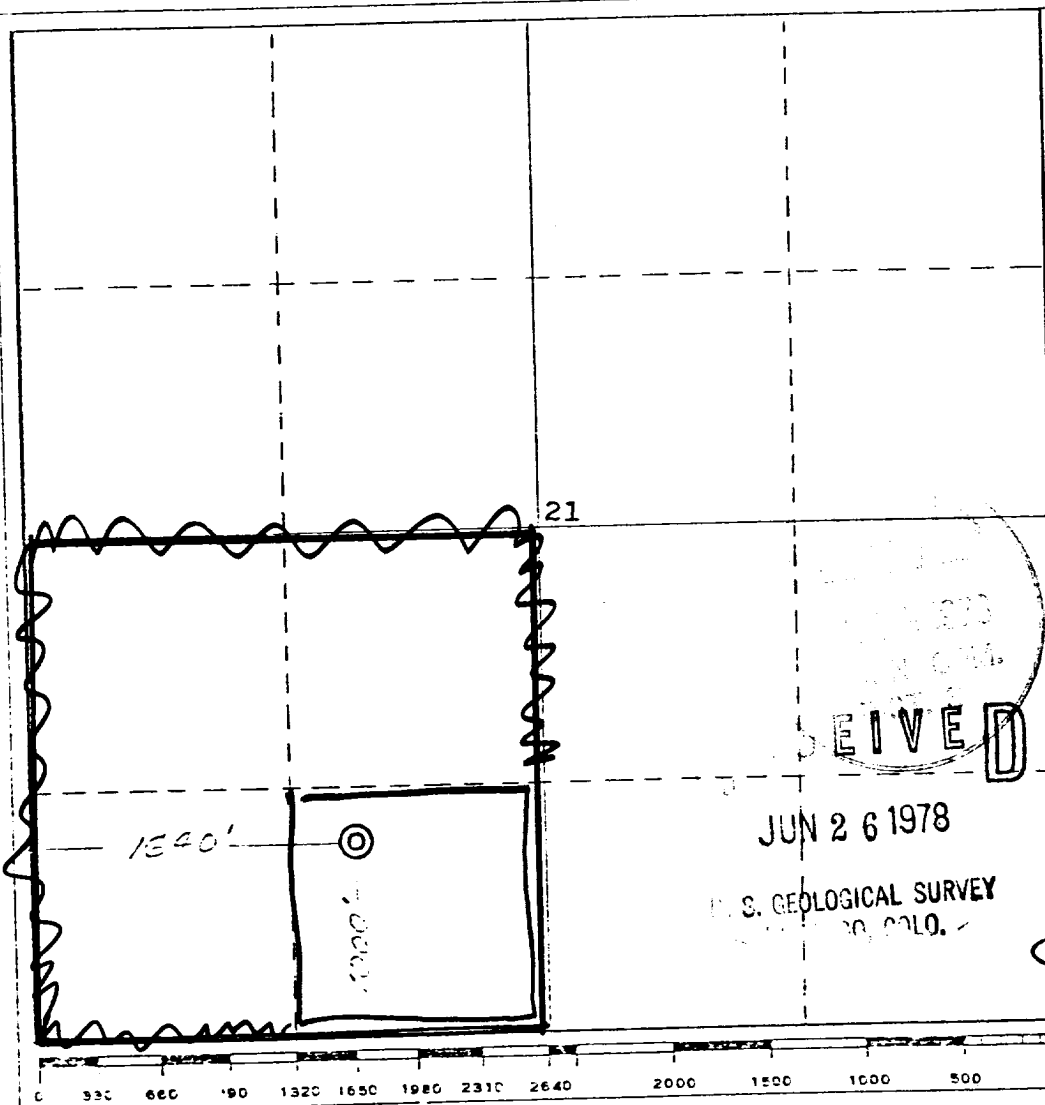
Operator <b>CHACE OIL COMPANY</b>			Lease <b>CHACE JICARILLA 363</b>		Well No. <b>362</b>
Map Letter <b>N</b>	Section <b>21</b>	Township <b>24 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: 1000 feet from the <b>SOUTH</b> line and 1640 feet from the <b>WEST</b> line					
Ground Level Elev. <b>6954</b>	Producing Formation <b>GALLUP - DAKOTA</b>	Pool <b>GALLUP - DAKOTA</b>		<b>LINDRITH</b>	Dedicated Acreage <b>160.40</b> 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 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 **Royce McCary**

Position **President**

Company **Chace Oil Company, Inc.**

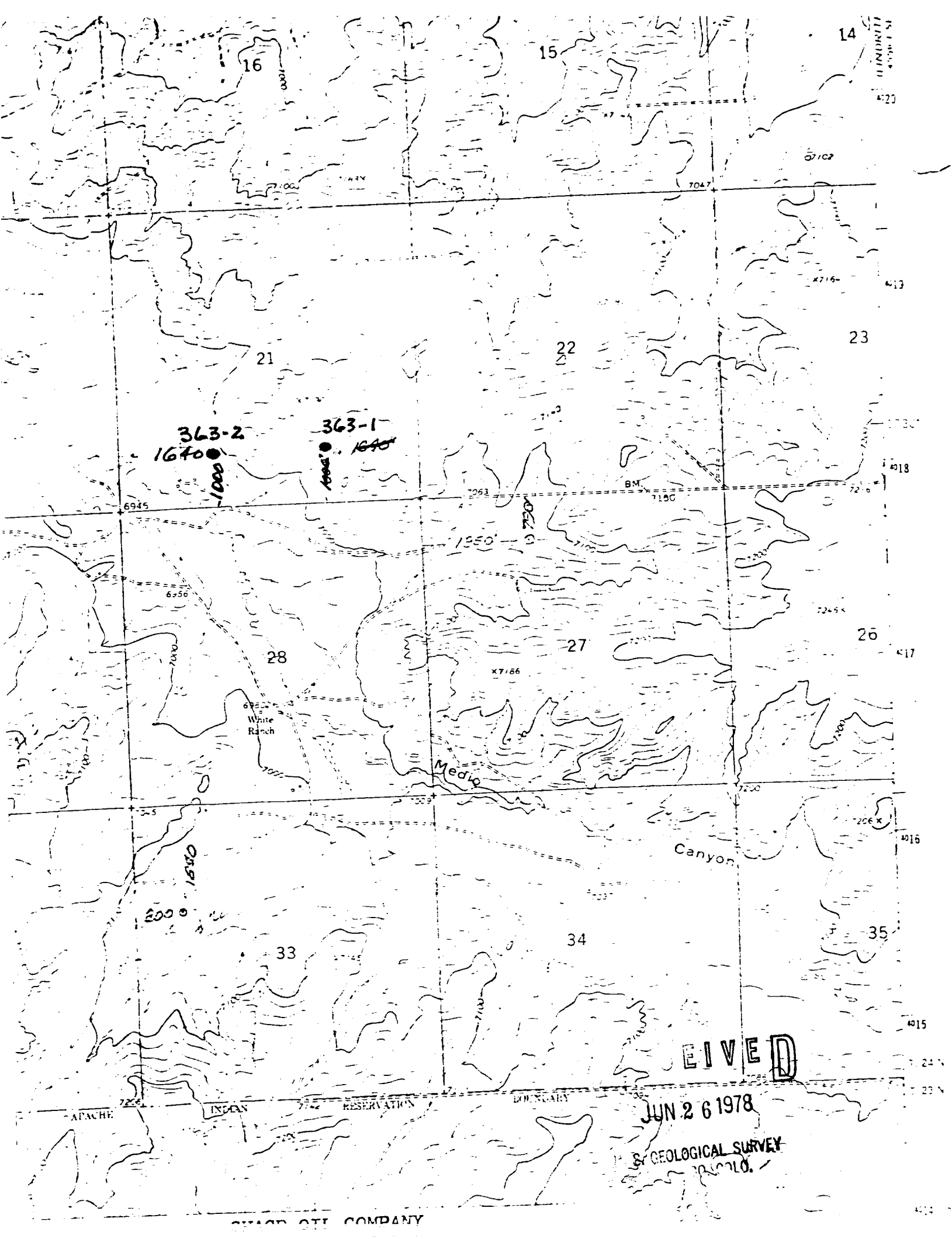
Date **June 22, 1978**

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 **6 June 1978**

Registered Professional Engineer  
State of Land Surveyor **James P. Leese**

Certificate No. **1463**



## DEVELOPMENT PLAN FOR SURFACE RESUME

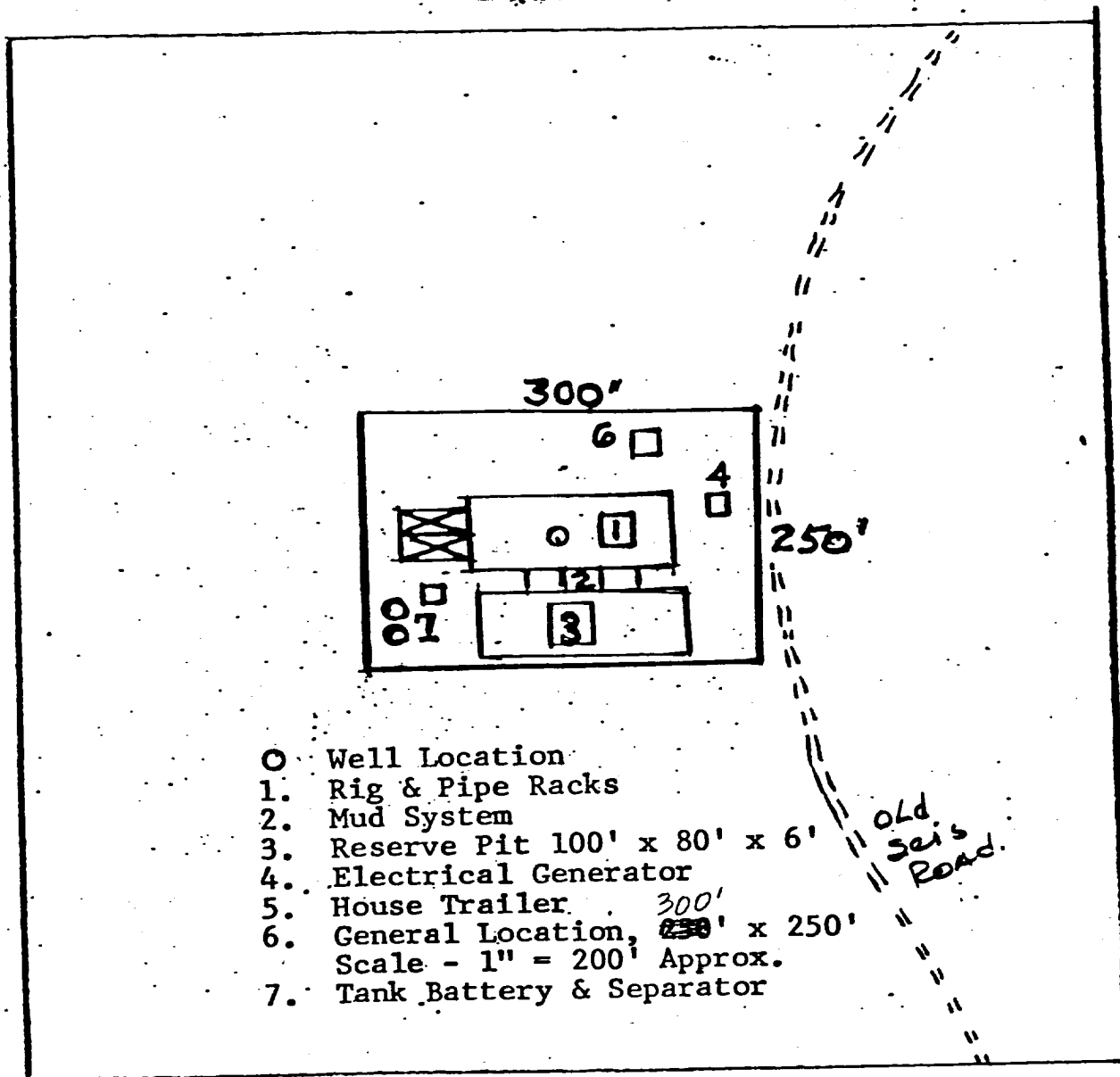
Chace Oil Company, Inc. Jicarilla 363-2  
Unit "N", 1000' SL & 1640' WL, Section 21, T24N, R4W,  
Rio Arriba County, New Mexico

1. Location and vicinity map, San Juan Engineering Company, Exit Hwy 44 on Dulce Hwy.
2. Regrade 2600' of old seismic road and compact to connect drill site with existing area roads. New road to be 20' in width.
3. Well site is approximately 2600' west of the Jicarilla 363-1 oil well in Unit "O", Section 21, T24N, R4W.
4. Roads shown on vicinity plat and location plat.
5. In case of production (gas) well will be tied into a gathering line. Tank batteries and separators are shown on plat.
6. Water to come from general water hole on reservation.
7. All trash and waste material will be placed in the mud pit and covered. No additional surface to be used, such as air strips or campsites.
8. None
9. None
10. Rig layout shown on township plat attached.
11. The topography is rolling, covered with sagebrush, broom grass and snakeweed.
12. Drilling pad to be completed. A 2' cut on northwest side of location will be required.
13. After well completion, location to be restored to original condition, and sodded with required seeds.
14. Field representative to contact is Royce McCary, telephone 266-5562 at 313 Washington S.E., Albuquerque, NM 87108.

RECEIVED  
JUN 26 1978

U.S. GEOLOGICAL SURVEY  
ALBUQUERQUE, N.M.

Jicarillo 363-2



Unit "N" T24N-RAW SEC. 21

Rio Arriba Co. New Mexico


EIVED

JUN 26 1978

U. S. GEOLOGICAL SURVEY  
 200, 2010.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chace Oil Company, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

June 22, 1978  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Name  
President  
\_\_\_\_\_  
Title

E I V E D

JUN 26 1978

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

Article II - B Paragraph 3

Blowout Preventor to be the standard 10" Schaeffer  
Doublegate Hydraulic BOP tested to 5000 psia.  
BOP tested when leaving rental warehouse and checked  
for efficient operation daily.

EIVE D

JUN 26 1978

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla 363

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 363

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT  
Gallup Dakota -  
Lindrith South

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

Sec. 21, T24N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

CHACE OIL COMPANY, INC.

3. ADDRESS OF OPERATOR

313 Washington S.E. Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface Unit "N" 990' SL & 1650' WL

14. PERMIT NO.

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

6954 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

Change Location

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

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.)\*

Change location from 1640' WL & 1000' SL

to

1650' WL and 990' SL ----- Reason: to conform with

State rules on oil well locations.

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

SIGNED

*Loyce M. Cary*

TITLE

President

DATE 7-10-78

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DATE

JUL 14 1978

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
DENVER, COLO.



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11  
Subsidiary O-11.1  
Effective 10-61

All distances must be from the outer boundaries of the Section

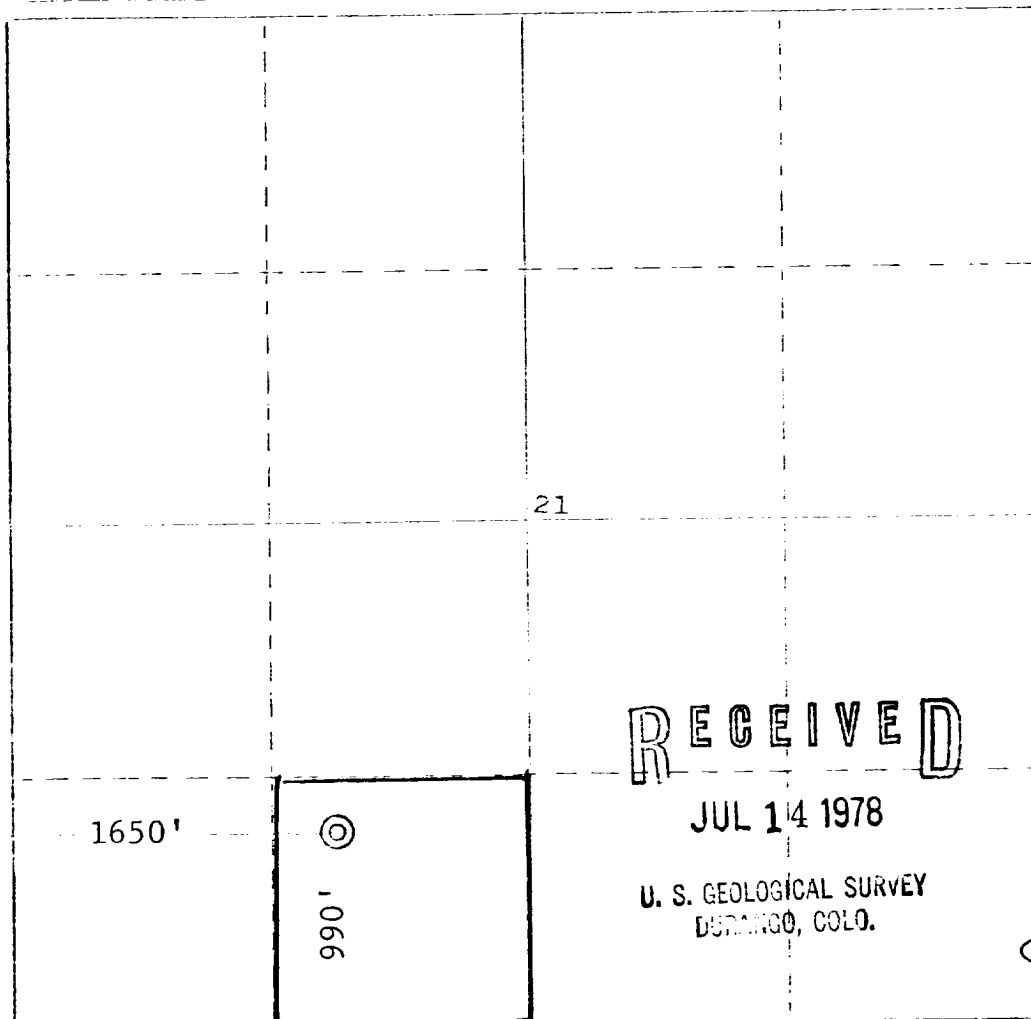
CHACE OIL COMPANY			Lease CHACE JICARILLA		Well No. 363-2
Grid Letter N	Section 21	Township 24 NORTH	Range 4 WEST	County RIO ARriba	
Actual Well Location of Well:					
990 feet from the SOUTH line and		1650 feet from the WEST line			
Ground Level Elev. 6954	Producing Formation Gallup Dakota	Pool South Lindrith Dakota	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 interests of all owners been consolidated by communization, 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 communization, 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.

*Royce McCary*  
Name

Royce McCary

Position

President

Company

Chace Oil Company, Inc.

Date

7-6-78

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

6 June 1978

Registered Professional Engineer

State of New Mexico

*James P. Leese*  
James P. Leese

Certificate No.

1463

RECEIVED

JUL 14 1978

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

1650'

©

990'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla 363

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Jicarilla Apache

8. FARM OR LEASE NAME

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Gallup Dakota Lindrith S

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

Section 21, T24N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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 "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☒ GAS ☐  
WELL WELL OTHER

2. NAME OF OPERATOR

Chace Oil Company, Inc.

3. ADDRESS OF OPERATOR

313 Washington S.E. Albuquerque, NM 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

Unit "N" 990' SL & 1650' WL

14. PERMIT NO.

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

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Spud well

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

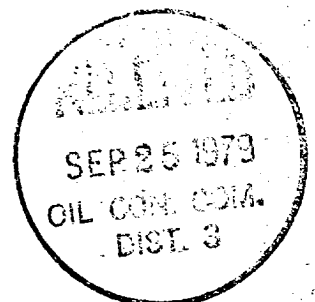
ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

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.)\*

Coleman Drilling to spud well on or about November 15, 1979.



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

SIGNED

*Loyce McCary*

TITLE

President

DATE

9/21/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 24 1979

\*See Instructions on Reverse Side