

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-0554433	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Chace Oil Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 313 Washington, S.E., Albuquerque, N.M. 87108			8. FARM OR LEASE NAME Rusty Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1280' FNL, 800' FEL At proposed prod. zone Same			9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles S-SW Counselors, N.M.			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 800'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-22-N, R-7-W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2780'			12. COUNTY OR PARISH Sandoval	
16. NO. OF ACRES IN LEASE 1160			13. STATE N.M.	
19. PROPOSED DEPTH 4000'			17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* October 30, 1974	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2"	8-5/8"	22	100'	100 sxs
7-7/8"	4 1/2"	9.50	4000'	300 sxs

Set 8-5/8 surface casing at 100' and circulate cement. Drill to 4000', run logs, if production is indicated, and set and cement 4 1/2" casing with 300 sacks cement, Gun perforate, sand oil frac in completion attempt. Plug and abandon in accordance with U.S.G.S. instructions if non-productive.

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 Roger M. Cary TITLE President DATE 10-3-74  
(This space for Federal or State office use)

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

APPROVED BY CK TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**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

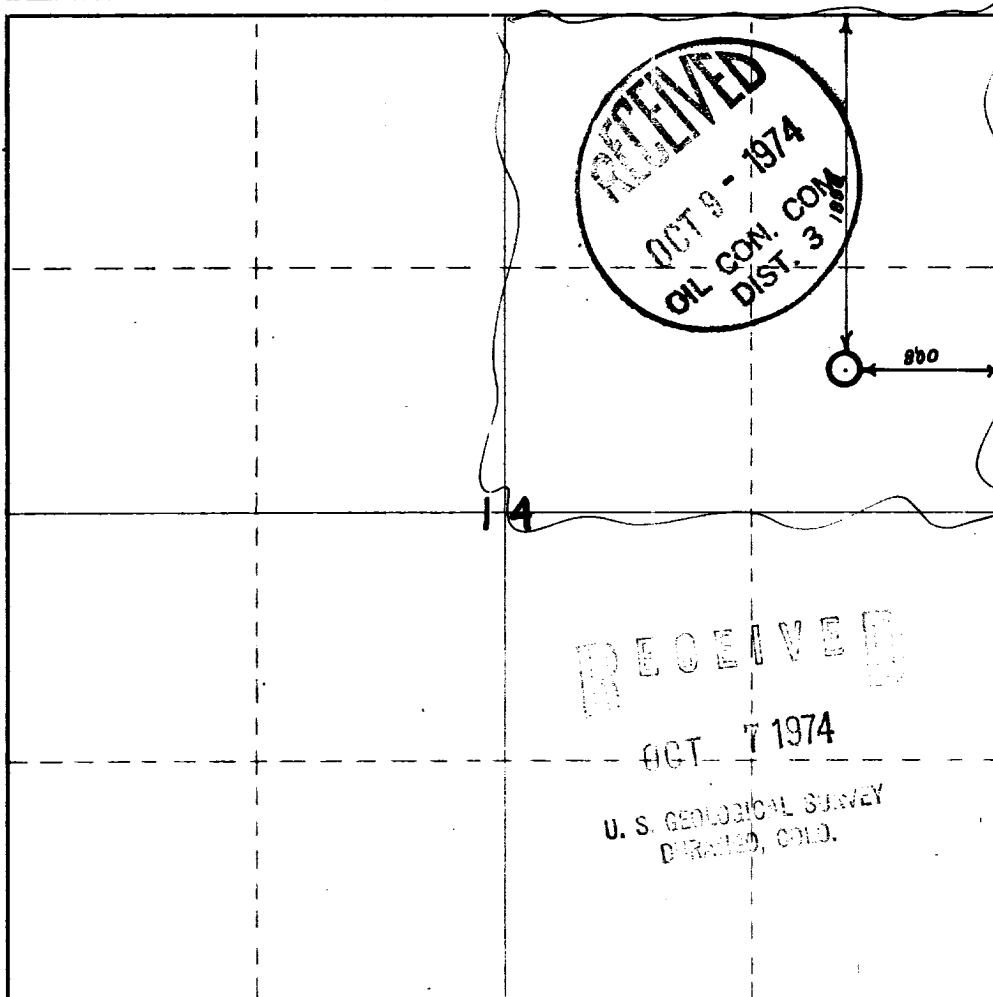
<b>Owner</b> <b>Chace Oil Company</b>			<b>Lease</b> <b>Rusty Federal</b>		<b>Well No.</b> <b>2</b>
<b>Unit Letter</b> <b>H</b>	<b>Section</b> <b>14</b>	<b>Township</b> <b>22N</b>	<b>Range</b> <b>7W</b>	<b>County</b> <b>Sandoval</b>	
<b>Actual Footage Location of Well:</b>					
<b>1850</b> feet from the <b>North</b> line and		<b>800</b> feet from the <b>East</b> line			
<b>Ground Level Elev.</b> <b>6960</b>	<b>Producing Formation</b>	<b>Pool</b> <i>WC</i>	<b>Dedicated Acreage:</b> <b>160</b> 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).
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

**President**

Position

**Chace Oil Company**

Company

Date

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.

**Sept 11 1974**

Date Surveyed

**James P. Lease**

Registered Professional Engineer  
and Licensed Surveyor

Certification No.

**1463**

## **DEVELOPMENT PLAN FOR SURFACE RESUME**

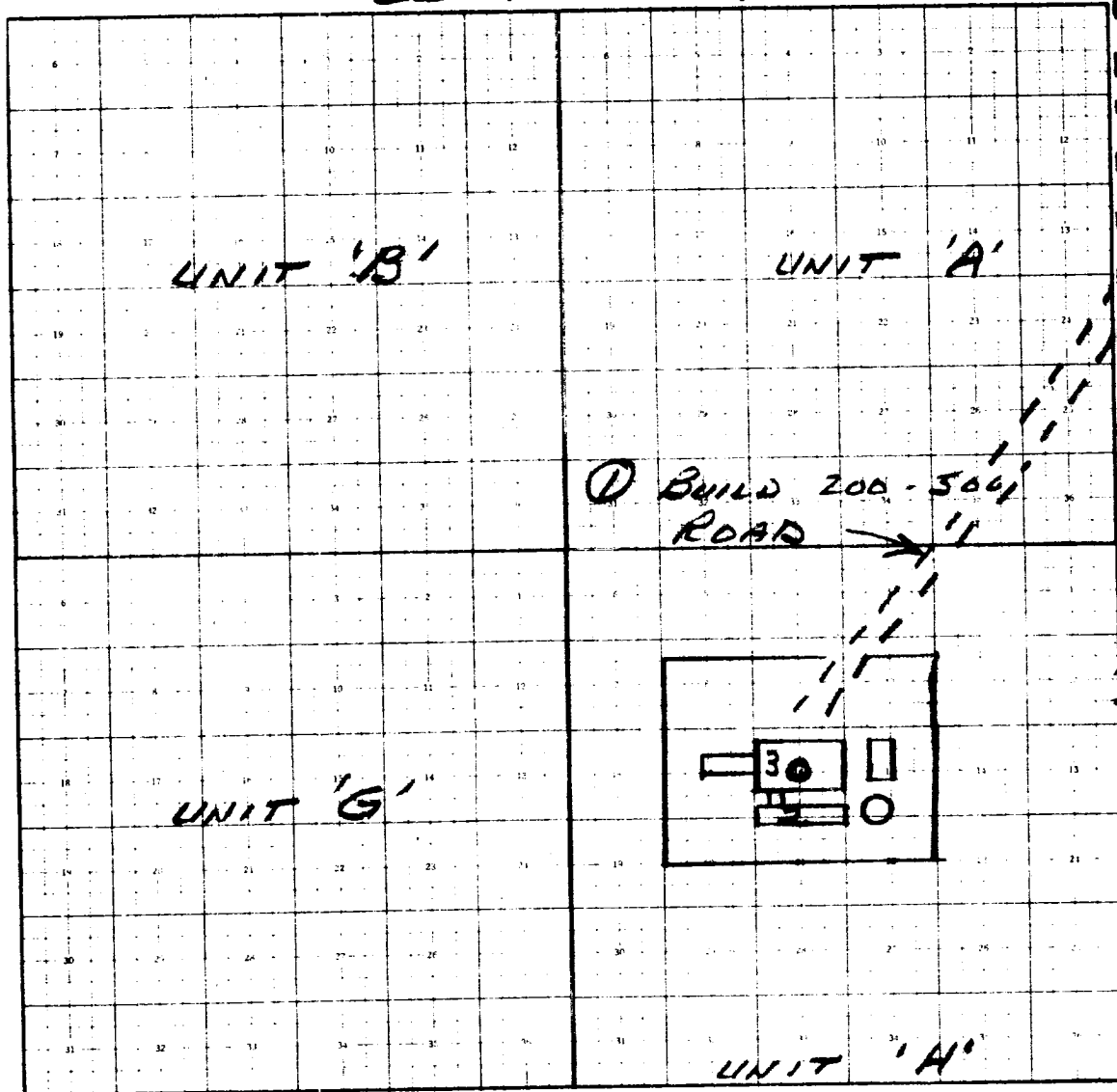
Chace Oil Co. #2 Rusty Federal  
1980' FNL, 800' FEL, Section 14  
T-22-N, R-7-W

1. Location and vicinity map, San Juan Engineering Company - Exit Hwy. 44 at Lybrook.
2. 200 to 500' of road to be compacted to connect drill site with existing area roads - Road width to be 20'.
3. Well site is 1 mile southwest of a dry hole in Unit M, Sec. 1, T-22-N, R-7W.
4. Roads shown on vicinity plat and location plat.
5. In case of production (gas) well will be tied into a gathering line, but market has not been established. No tank batteries or separators are anticipated at this time.
6. Water to come from private source at Escrito Trading Post.
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 flat, covered with blow sand and sagebrush.
12. Drilling pad to be compacted.
13. After well completion, location to be restored to original condition less a few sagebrush, no other vegetation seems to grow at this location.
14. Field representative to contact is Royce McCary, Telephone 266-5562 at 313 Washington, S.E., Albuquerque, N.M. 87108.

# TOWNSHIP PLAT

Township 22N, Range 7W, County SANDOVAL, State N.M.

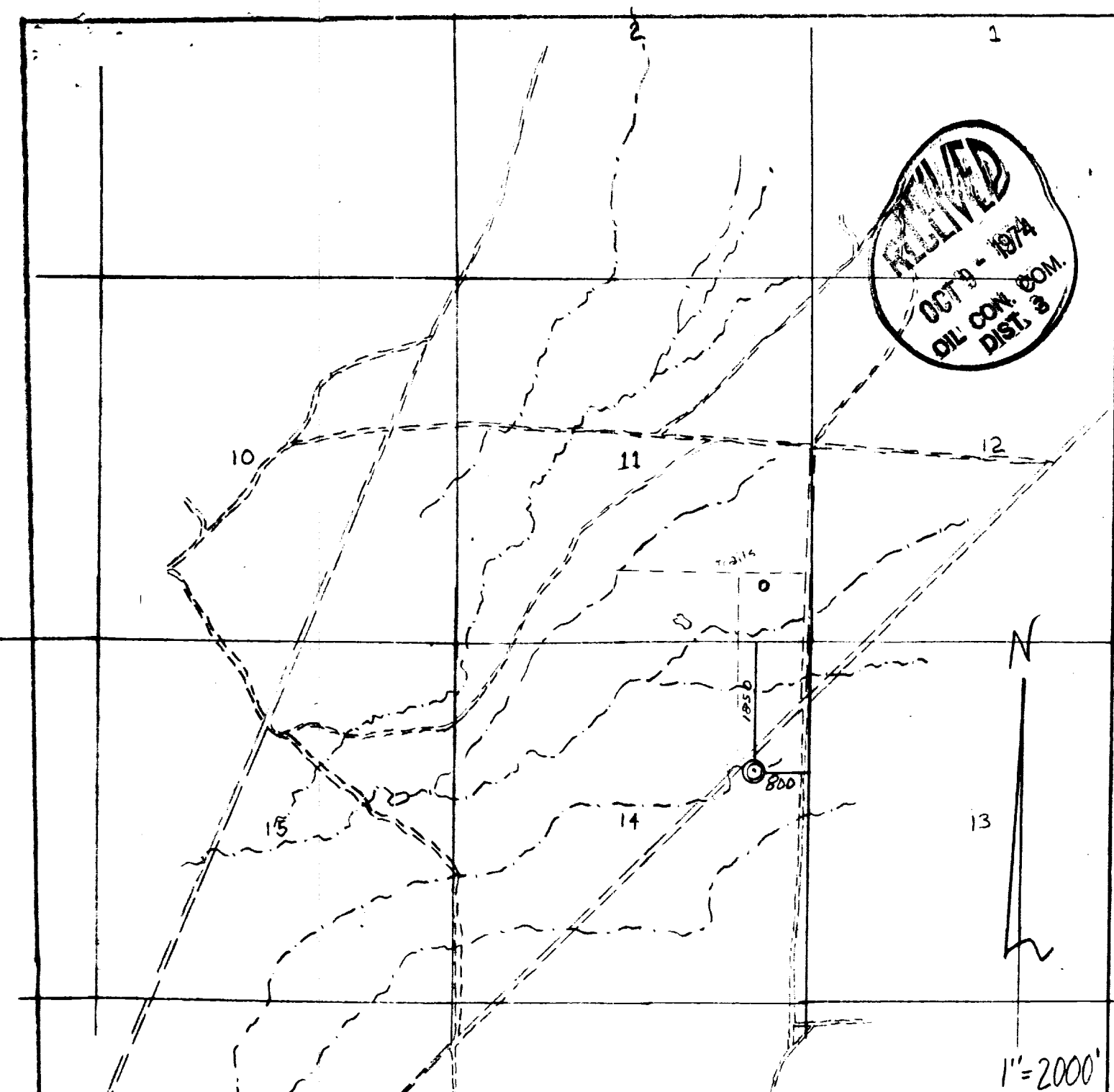
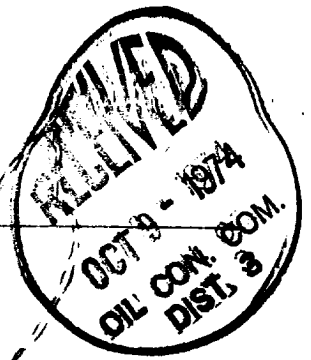
## SECTION 14



① BUILD 200-500' ROAD

② MUD SYSTEM

③ RIG



Vicinity Map  
for  
Chace Oil Company

Showing location in SE 1/4 NE 1/4  
Sec 14, T22N, R7W, N.M.P.M  
Sandoval County, New Mexico

Scale 1" = 2000'

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identifying for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sucker Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (SED. TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

RECEIVED  
JUN 11 1975  
SALT COM.  
DIST. 3