

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-445-21907

5. LEASE DESIGNATION AND SERIAL NO.
NM 42424
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
7. UNIT AGREEMENT NAME
NA
8. FARM OR LEASE NAME
Nageezi Federal 33
9. WELL NO.
#210
10. FIELD AND POOL, OR WILDCAT
<i>Dakota</i>
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 33-T25N-R8W
12. COUNTY OR PARISH
San Juan
13. STATE
NM

## 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

Cotton Petroleum Corporation

## 3. ADDRESS OF OPERATOR

717 17th Street, Suite 2200, Denver, CO 80202

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

At surface

700' FNL &amp; 600' FEL, Section 33

At proposed prod. zone

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

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

600

## 16. NO. OF ACRES IN LEASE

640

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

7470'

## 20. ROTARY OR CABLE TOOLS

Rotary tools

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

7320' GR

## 22. APPROX. DATE WORK WILL START\*

2-1-81

## 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#	500'	375 sxs
7 7/8"	4 1/2"	10.5# & 11.6#	7470'	to be determined

It is proposed to drill this well with rotary tools and drilling mud as a circulation medium through the Dakota Formation. Possible production zones in the Dakota Formation will be completed. Production casing will be cemented in such a manner as to protect the Chacra & Pictured Cliffs Formation. Fence reserve pit on 3 sides before spudding. Fence 4th side when moving out rotary tools.

## ESTIMATED FORMATION TOPS

Pictured Fliffs	3610'
Gallup	6240'
Dakota	7160'
TD	7470'

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

CNE 1/4 Section 33, is dedicated to this well, 640 acres.

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

DE Wood / JCS

TITLE Division Production Mgr.

DATE 12-2-80

(This space for Federal or State Office Use)

APPROVED  
AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

FEB 24 1981  
JAMES F. SIMS  
DISTRICT ENGINEER

NMOCC

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107  
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

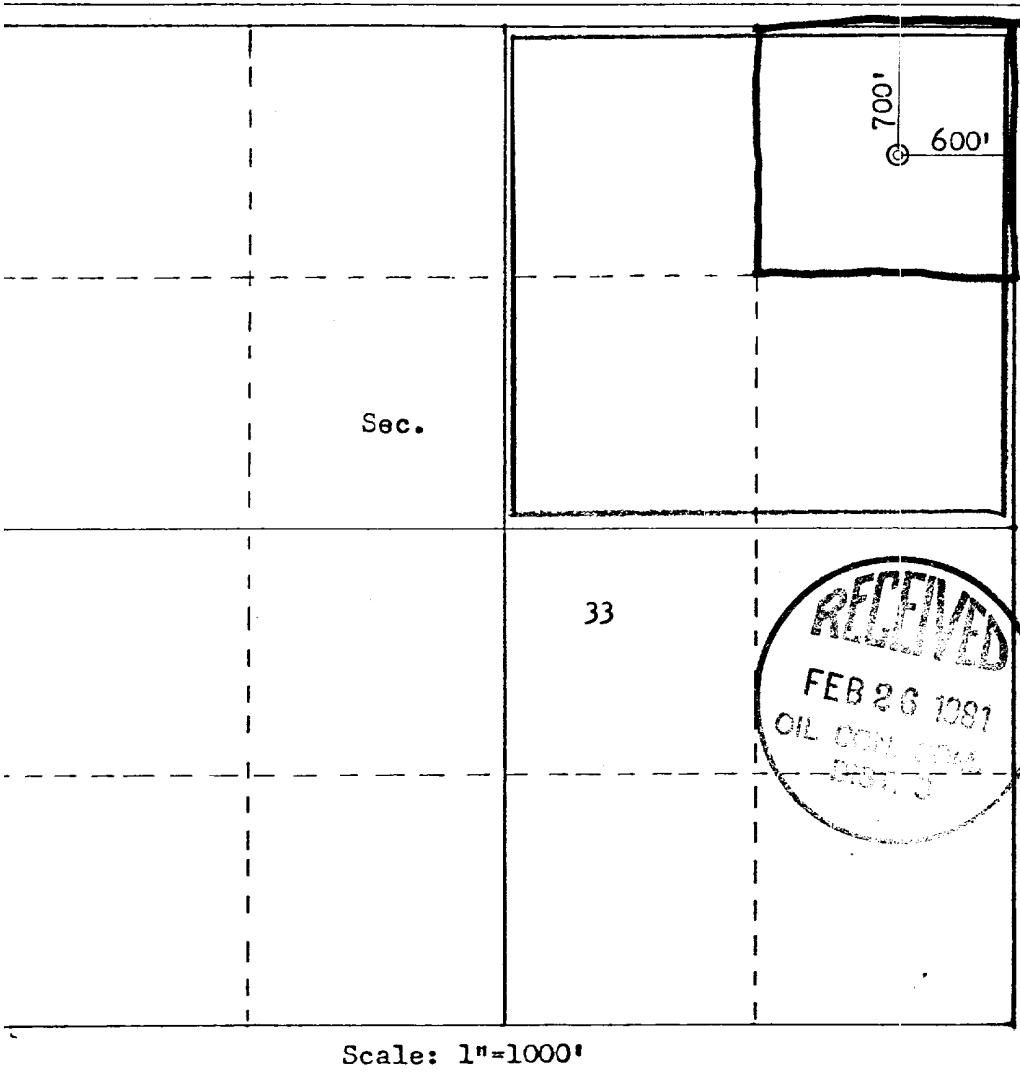
Operator <b>COTTON PETROLEUM CORPORATION</b>			Lease <b>NAGEEZI-FEDERAL 33</b>		Well No. <b>210</b>
Unit Letter <b>A</b>	Section <b>33</b>	Township <b>25N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>700</b> feet from the <b>North</b> line and <b>600</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7320</b>	Producing Formation <b>Gallup-Dakota</b>		Pool <b>Duferf Point Gallup-Dakota</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?

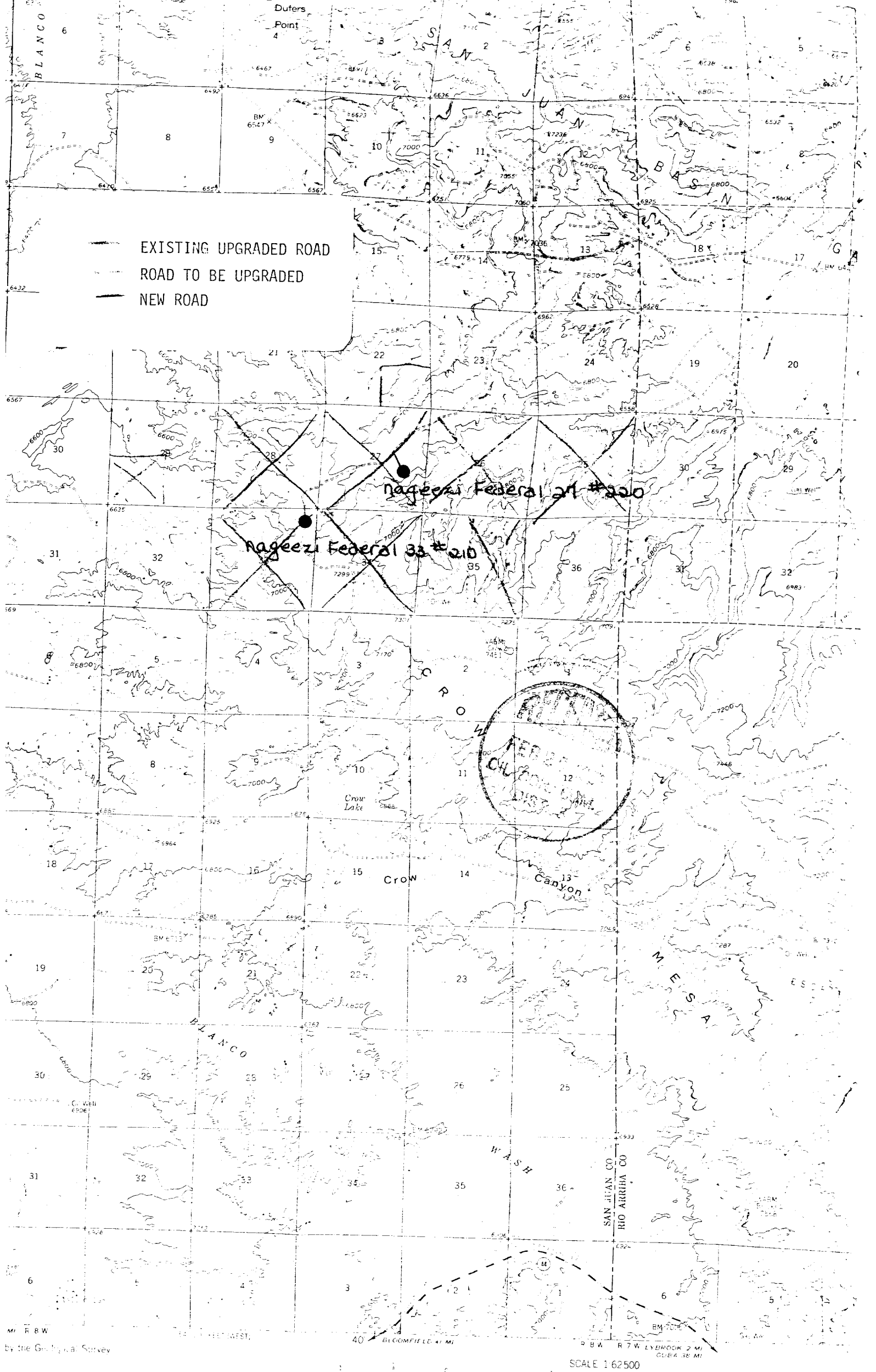
☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

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.

		<b>CERTIFICATION</b>	
		<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>	
		Name <b>DEWood / WND</b>	
		Position <b>Division Production Mgr.</b>	
		Company <b>Cotton Petroleum Corp.</b>	
		Date <b>December 2, 1980</b>	
		<p>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.</p>	
		Date Surveyed <b>November 5, 1980</b>	
		Registered Professional Engineer and Land Surveyor <b>Fred B. Kerr, Jr.</b>	
		Certificate No. <b>3950</b>	

Scale: 1"=1000'



MI. R. B. W.  
by the Geological Survey

SCALE 1:62500