

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Production

3. ADDRESS OF OPERATOR

717 17th St., Suite 2200, Denver, CO 80202

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

At surface

1900' FSL & 1660' FWL

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)

740

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7350'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6740'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24#	300
7 7/8"	4 1/2"	10.5#, 11.6#	7350

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

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 Burro Canyon Formation will be completed and downhole commingled. Production casing will be cemented in such a manner as to protect the sides before spudding. Fence 4th side when MORT.

DRILLING OPERATIONS AUTHORIZED ARE
Estimated Formation Tops SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

Pictured Cliffs	2805'	Greenhorn	6953'
Chacra	3637'	Graneros	7010'
Mesaverde	4448'	Dakota	7030'
Gallup	6088'	TD	7350'

The SW¹/₄ of Sec. 10 is dedicated to this well, an area of 160 acres. The gas produced from this well is committed.

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/SGL

TITLE Division Production Mgr.

DATE 10-30-80

(This space for Federal or State official use)

PERMIT NO.

APPROVED
AS AMENDED

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL

FEB 18 1981

for JAMES F. SIMS
DISTRICT ENGINEER

TITLE

DATE

*See Instructions On Reverse Side

NMOCC

30-039-22658

5. LEASE DESIGNATION AND SERIAL NO.

Contract #127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache

9. WELL NO.

134

10. FIELD AND POOL, OR WILDCAT

Lindrith-Gallup Dakota W

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

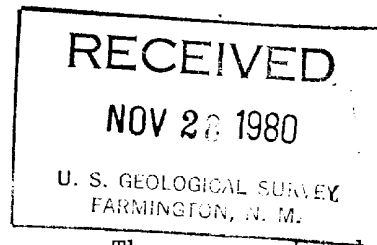
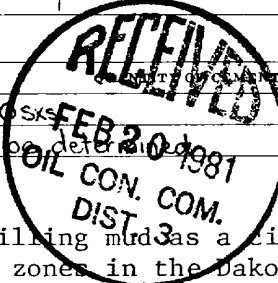
Sec 10-T24N-R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM



COTTON PETROLEUM CORP All distances must be from the outer boundaries of the Section.

Operator DENVER COTTON PETROLEUM CORPORATION		Lease APACHE		Well No. 134
Section 10	Township 24N	Range 4W	County Rio Arriba	

Actual Footage Location of Well:

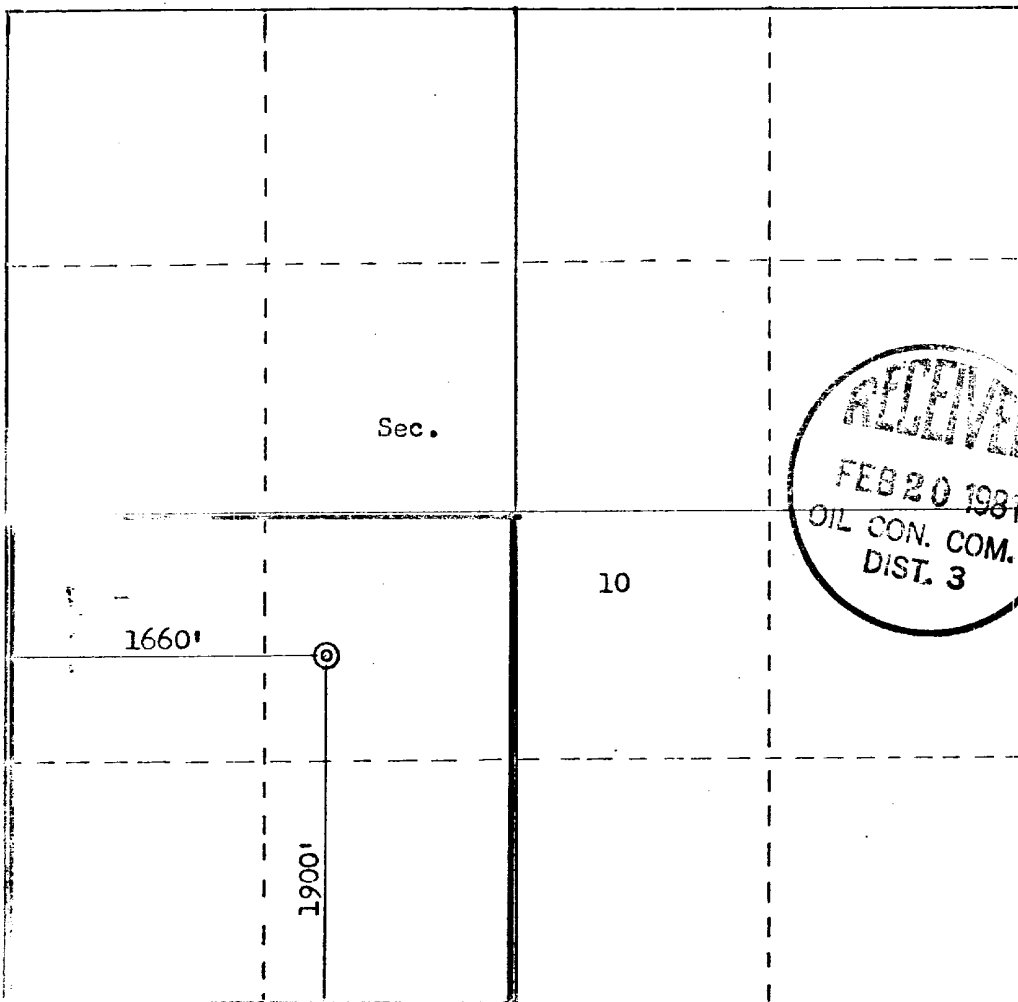
1900	feet from the South	line and	1660	feet from the West	line
Ground Level Elev: 6749	Producing Formation Gallup-Dakota	Pool Lindriith Gallup-Dakota West	Dedicated Acreage: 160 Acres		

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.



Scale: 1"=1000'

CERTIFICATION

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

D.E. Wood

Name

D.E. Wood

Position

Division Production Mgr

Company

Cotton Petroleum Corp

Date

11/4/80

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

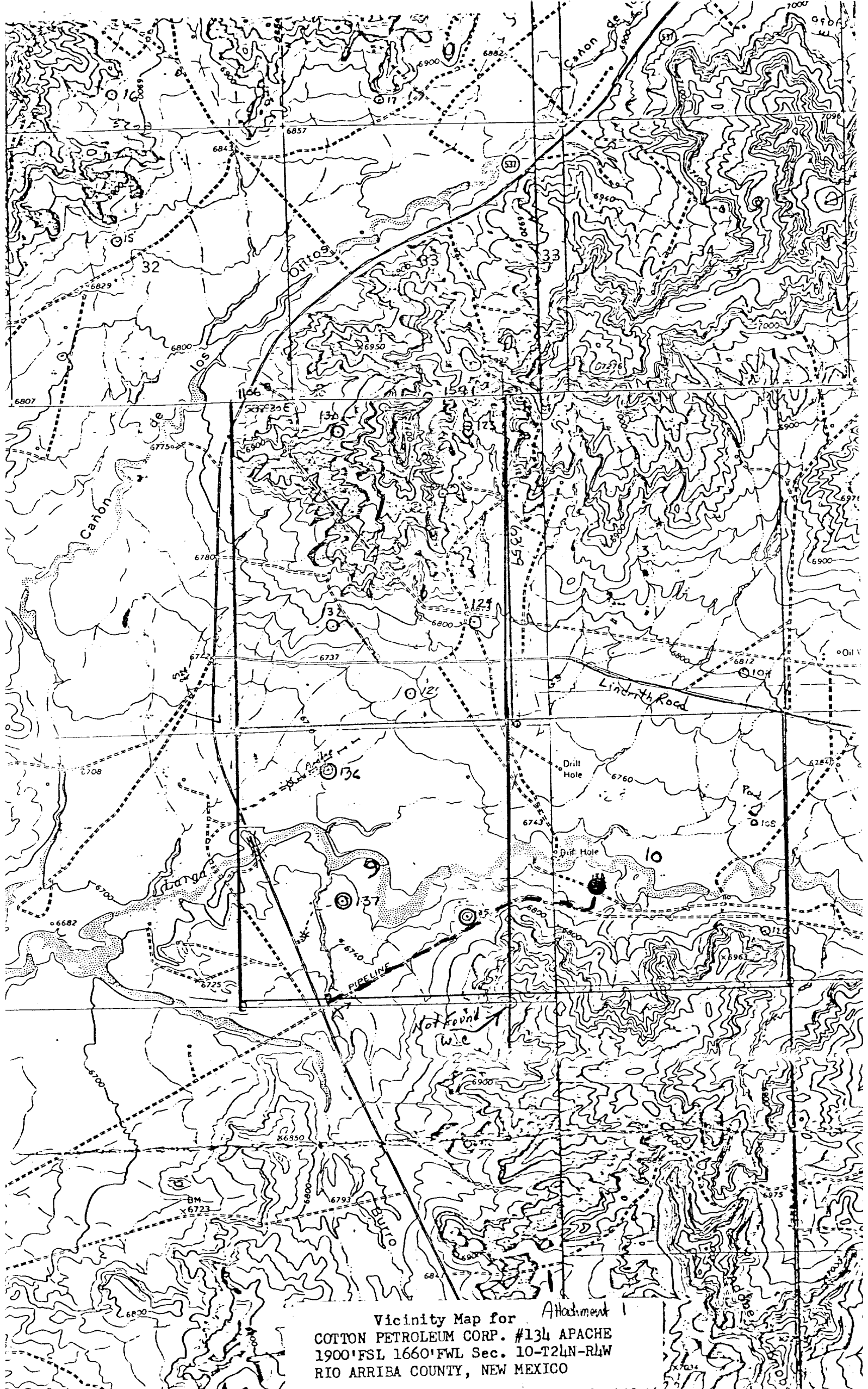
September 30, 1980

Registered Professional Engineer and Land Surveyor

Fred B. Kern Jr.

Certificate No.

3300



Vicinity Map for Attachment 1
COTTON PETROLEUM CORP. #134 APACHE
1900' FSL 1660' FWL Sec. 10-T24N-R4W
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
Cotton Petroleum Corporation
3. ADDRESS OF OPERATOR
717 17th St. Suite 2200 Denver, Colo 80202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1900' FSL & 1660' FWL
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	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>

(other) Spud information

SUBSEQUENT REPORT OF:

5. LEASE

Contract #127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Apache

9. WELL NO.

134

10. FIELD OR WILDCAT NAME

Lindrith-Gallup Dakota West

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

Sec 10-T24N-R4W

12. COUNTY OR PARISH Rio Arriba	13. STATE N.M.
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14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6740' GR

(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.)*

The Apache 134 was spudded on 8-20-81, using Four Corners Rig #10.

8-5/8", K55, 24# casing was set at 306'. Casing was cemented with

216 sacks Class G cement, circulate to surface.



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

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

SIGNED L. J. 11/11/81 TITLE Div. Prod. Mgr DATE 9-11-81

(This space for Federal or State office use)

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

SEP 25 1991

***See Instructions on Reverse Side**

NMOC

BY Sm