

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 Corporation

3. ADDRESS OF OPERATOR
717 17th Street, Suite 2200, Denver, Colorado 80202

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

At proposed prod. zone 1980' FWL, 1980' FSL, Section 4

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) 660'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 7700'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
January 1, 1980

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

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'	300 sacks
7-7/8"	4-1/2"	10.5#, 11.6#	7700'	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 Gallup and Dakota Formation will be completed and downhole commingled. Production casing will be cemented in such a manner as to protect the Pictured Cliffs Formation. Fence reserve pit on 3 sides before spudding. Fence 4th side when MORT.

Estimated Formation Tops

Pictured Cliffs	2850'	Greenhorn	7000'
Cliff House	4490'	Graneros	7055'
Gallup	6160'	Dakota	7075'

The SW $\frac{1}{4}$ of Section 4 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 D.E. Wood / GAY TITLE Division Production Manager DATE October 17, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

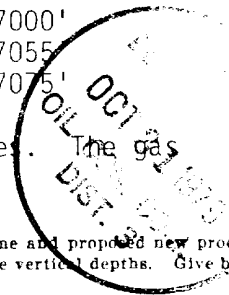
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ok

*See Instructions On Reverse Side

30-039-22216
5. LEASE DESIGNATION AND SERIAL NO.
Contract No. 127
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Apache
9. WELL NO.
132
10. FIELD AND POOL, OR WILDCAT
Lindrieth Gallup-Dakota W
11. SEC., T., E., M., OR BLK.
AND SURVEY OR AREA
N.M.P.M.
Sec. 4, T 24N, R 4W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

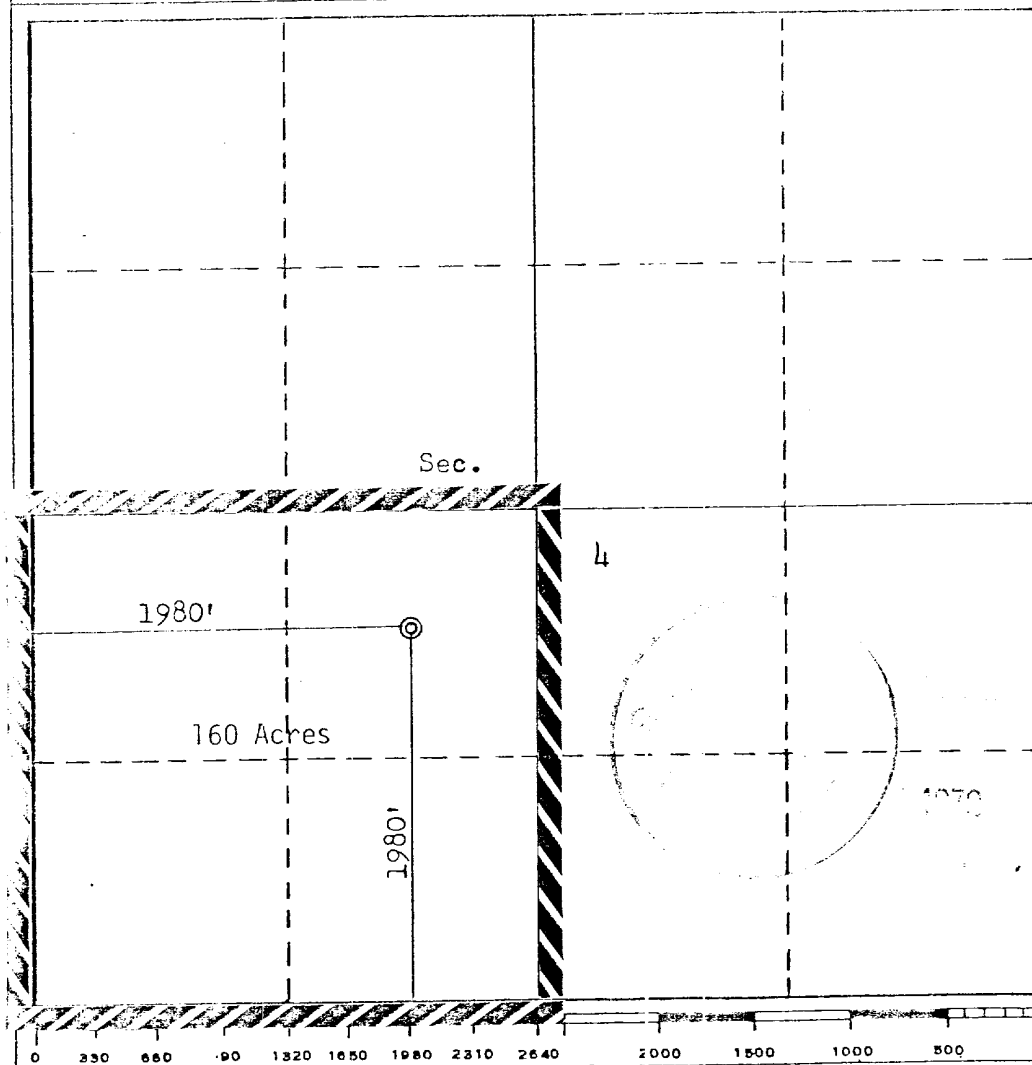
Operator COTTON PETROLEUM CORPORATION			Lease APACHE		Well No. 132
Unit Letter K	Section 4	Township 24N	Range 14W	County Rio Arriba	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 6782	Producing Formation Gallup-Dakota	Pool Lindrith 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.



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

Div. Prod. Mgr.

Position

Cotton Petroleum Corp.

Company

October 19, 1979

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.

Date Surveyed

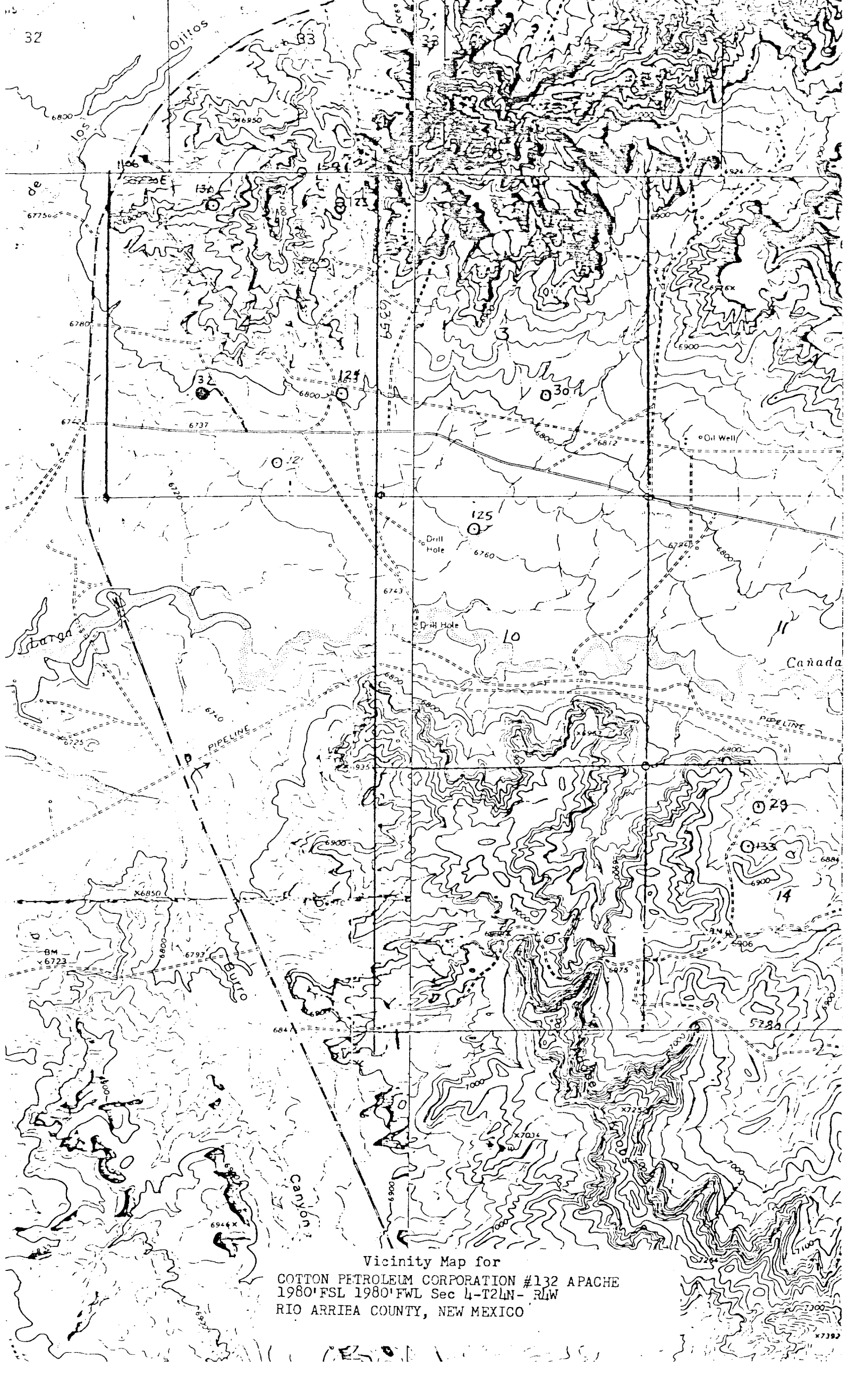
September 10, 1979

Registered Professional Engineer
and/or Land Surveyor

F. B. KERR, JR.

Certification No. MEXICO

3950 F. B. KERR, JR.



Vicinity Map for
 COTTON PETROLEUM CORPORATION #132 APACHE
 1980' FSL 1980' FWL Sec 4-T2LN- RLW
 RIO ARRIEA COUNTY, NEW MEXICO