

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APL 30-043-20228

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  
 Jack A. Cole

3. ADDRESS OF OPERATOR  
 P. O. Box 191, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1710/S and 1010/W Sec. 27-T23N-R4W  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 70 Miles Southeast Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 16. NO. OF ACRES IN LEASE 1920

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2600'  
 19. PROPOSED DEPTH 2800'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6995 GR 7005 DF

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	24.0	120'	Circulate
7 7/8	4 1/2	10.5	2800	150 Sacks

5. LEASE DESIGNATION AND SERIAL NO.  
 Contract 392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Apache Flats

9. WELL NO.  
 8

10. FIELD AND POOL, OR WILDCAT  
 Wildcat *Undesignated-PC*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 27-T23N-R4W

12. COUNTY OR PARISH  
 Sandoval

13. STATE  
 N. M.

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 June 25, 1976

Well will be mud drilled with rotary tools after setting and cementing 8 5/8" surface casing. Run electric logs at total depth and set 4 1/2" casing if warranted, cementing same with 150 sacks. Sand-water frac. Treat down casing through perforations opposite Pictured Cliffs sand. Run 1" tubing for production string to produce as a Pictured Cliffs natural gas well.

*Gas not dedicated*  
 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 Jack A. Cole TITLE Operator DATE June 8, 1976  
 (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

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.

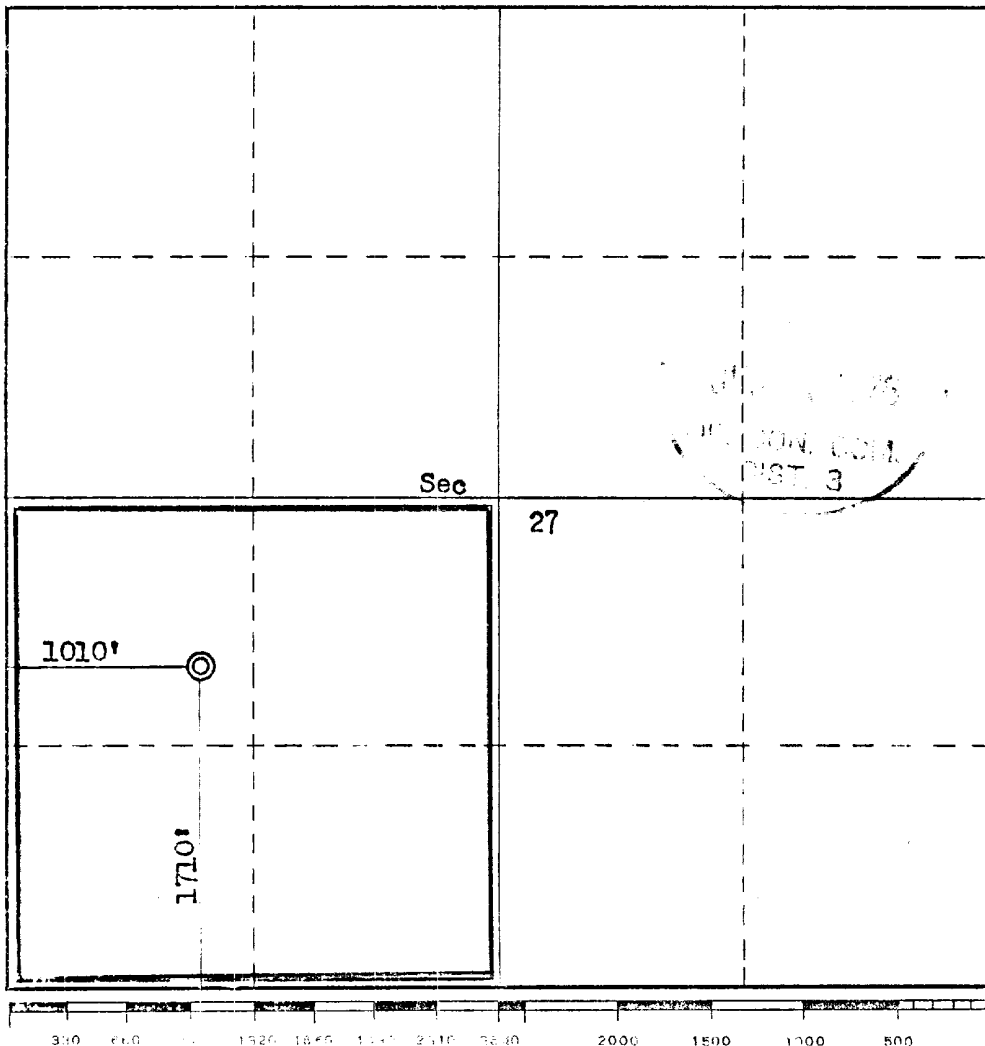
Operator <b>Jack A. Cole</b>		Lease <b>Apache Flats</b>		Well No. <b>8</b>
Unit Letter <b>L</b>	Section <b>27</b>	Township <b>23N</b>	Range <b>4W</b>	County <b>Sandoval</b>
Actual Footage Location of Well: <b>1710</b> feet from the <b>South</b> line and <b>1010</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6995</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Wildcat</b> <i>As designated</i>	Dedicated Acreage: <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.

*Jack A. Cole*

Name  
**Jack A. Cole**

Position  
**Operator**

Company

Date  
**June 8, 1976**

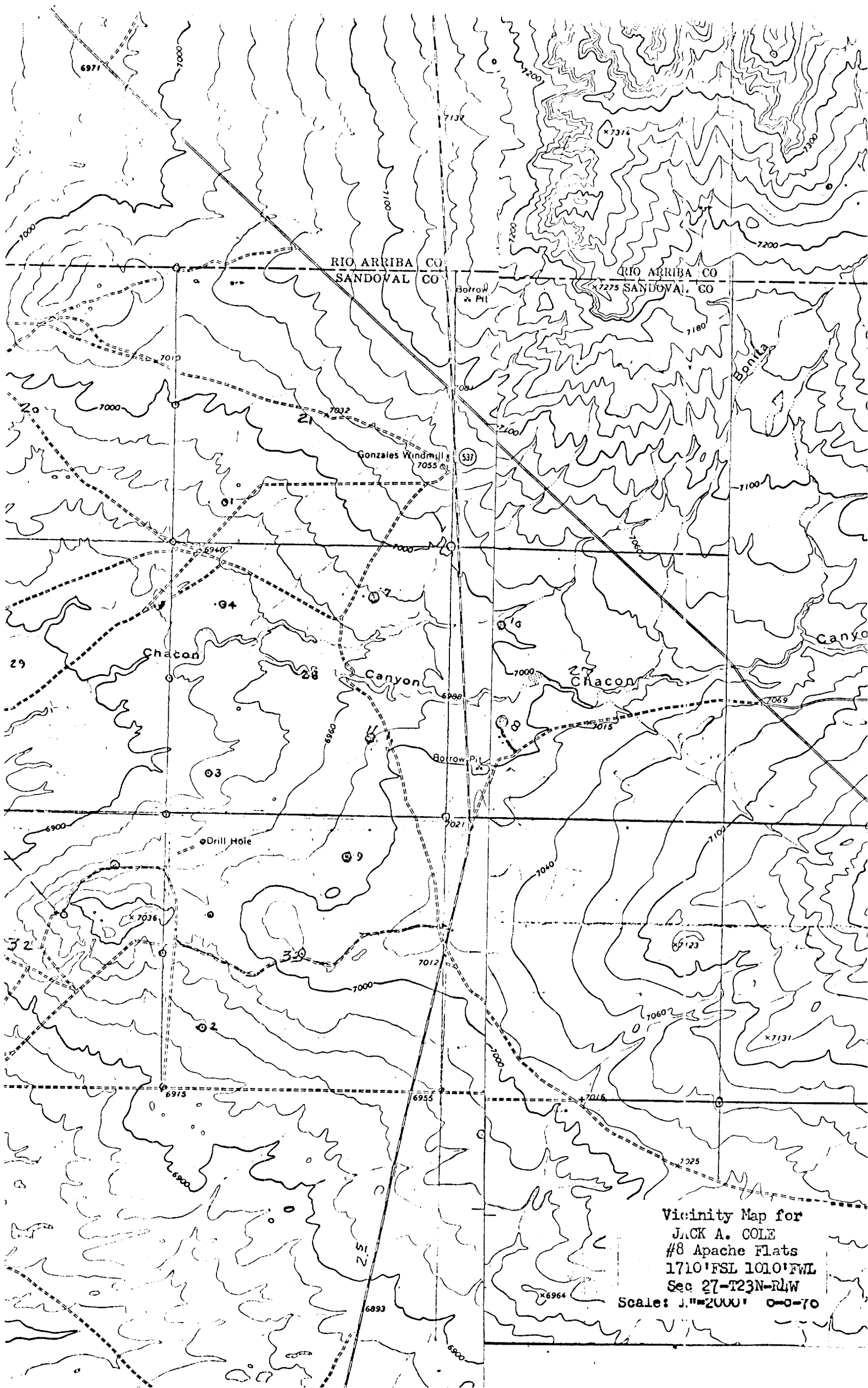
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**June 8, 1976**

Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.  
**3050**



RIO ARRIBA CO  
SANDOVAL CO

RIO ARRIBA CO  
SANDOVAL CO

Gonzales Windmill  
7055 ft

Chacon

Canyon

Chacon

Drill Hole

Borrow Pit

Vicinity Map for  
JACK A. COLE  
#8 Apache Flats  
1710' FSL 1010' FWL  
Sec 27-T23N-R4W  
Scale: 1"=2000' 0-0-70'