

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
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 955/N and 990/W Sec. 28-T23N-R4W
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
70 miles SE Bloomfield, New Mexico

10. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 955'

16. NO. OF ACRES IN LEASE
1920

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. None

19. PROPOSED DEPTH
3100'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6981 GR 6991 DF

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

5. LEASE DESIGNATION AND SERIAL NO.
Contract 393

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Apache Flats

9. WELL NO.
4

10. FIELD AND POOL, OR WILDCAT,
Ballard - Pictured Cliffs
Wildcat - Chacra

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 28-T23N-R4W

12. COUNTY OR PARISH
Sandoval

13. STATE
N. M.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4	8 5/8	24.0	120'	Circulate
7 7/8	4 1/2	10.5	3050	250 Sacks

Well will be mud drilled to total depth 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 250 sacks (above Ojo Alamo). Sand-water frac treat down casing. Perforate casing opposite *Chacra* La Ventana sand. Set plug and perforate casing opposite Pictured Cliffs sand. Complete as co-mingled 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 May 13, 1976
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ 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.

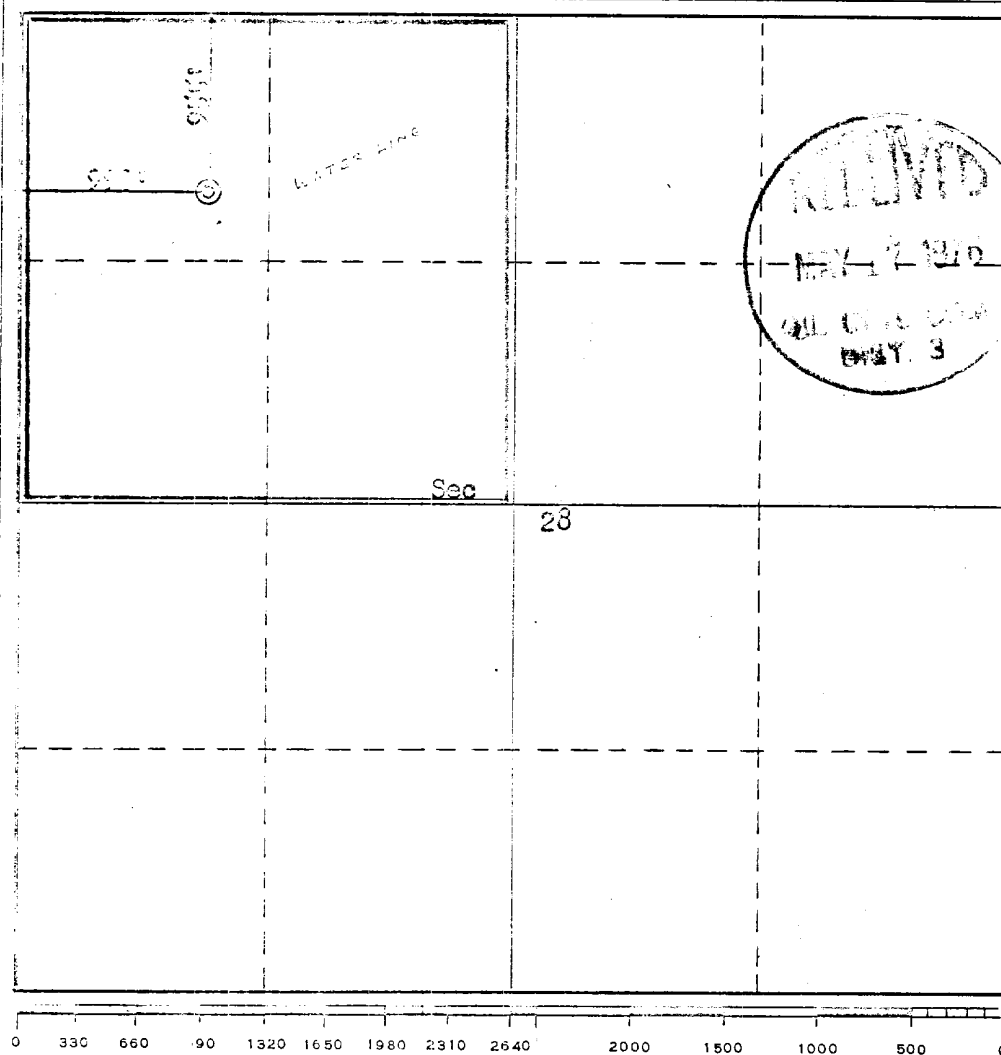
Operator Jack A. Cole			Lease Highlands		Well No. 1
Unit Letter D	Section 10	Township 17N	Range 17E	County Sandoval	
Actual Footage Location of Well: 555 feet from the 17N line and 512 feet from the 17E line					
Ground Level Elev. 632	Producing Formation Pictured Cliffs		Pool Wildcat & Ballard ext	Dedicated Acreage 160 & 160 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 communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

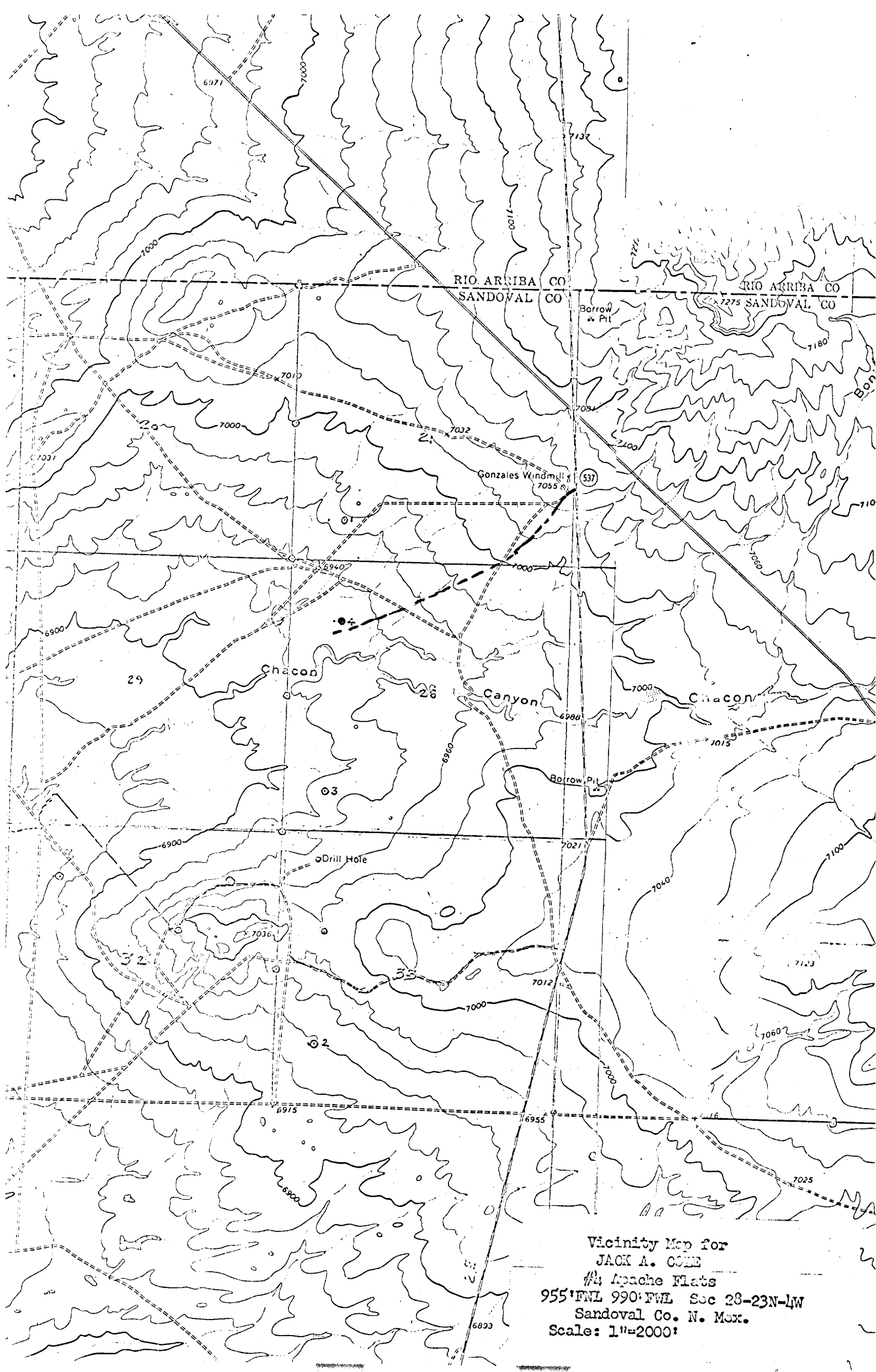
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Jack A. Cole
Position
Operator
Company

Date
May 13, 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
May 10, 1976
Registered Professional Engineer and/or Land Surveyor
Fred B. Kern
Certificate No.
3950



Vicinity Map for
JACK A. COME
#4 Apache Flats
955'FWL 990'FWL Sec 28-23N-14W
Sandoval Co. N. Mex.
Scale: 1"=2000'

