

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

990/S and 790/E, Sec. 7-T23N-R3W

At proposed prod. zone

Same

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

27 Miles NW Cuba, New Mexico

15. DISTANCE FROM PROPOSED*

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

790

16. NO. OF ACRES IN LEASE

2072

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

1/2 mile

19. PROPOSED DEPTH

3200'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

Approx 303

20. ROTARY OR CABLE TOOLS

Rotary

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

7546 Gr., 7557 KB

22. APPROX. DATE WORK WILL START

February 20, 1978

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	10.50	3200'	150 Sacks

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 1/2" 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 production zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give flowmeter preventer program, if any.

24.

SIGNED

Jack A. Cole

TITLE

Operator

DATE

December 29, 1977

(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

10/27/77 11/10/77 1/2 partial sec

30-039-21600

5. LEASE DESIGNATION AND STRIP NO.

Contract 396

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache Hills

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Ballard - Pictured Cliffs

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

Sec. 7-T23N-R3W

12. COUNTY OR DENVER 13. STATE

Rio Arriba N. M.

17. NO. OF ACRES ASSIGNED

TO THIS WELL

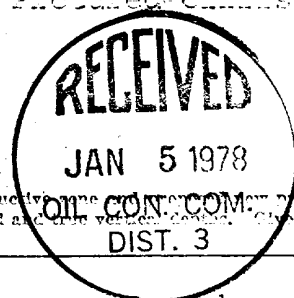
Approx 303

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START

February 20, 1978



NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-104
Supersedes O-120
Effective 1-1-65

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

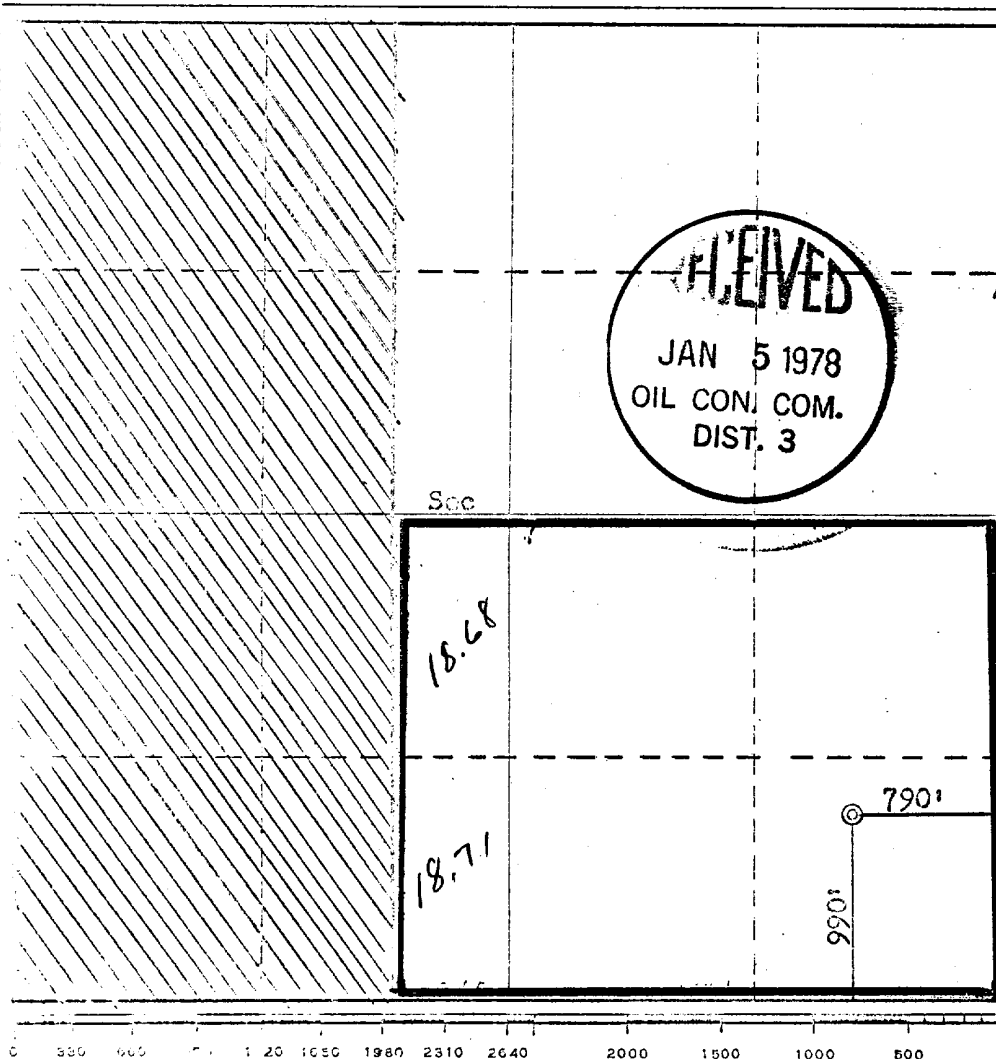
Operator Jack L. Cole		Lease Apache Hills		Well No. 3
Unit Letter P	Section 7	Township 23N	Range 3W	County Rio Arriba
Actual Footage Location of Well: 990 feet from the South line and 790 feet from the East line				
Ground Level Elev. 7513	Producing Formation Pictured Cliffs	Pool Wildcat Ballard ext		Dedicated Acreage: 197.39 Approx. 200 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.

Name
Jack L. Cole
Operator

Position

Company
December 29, 1977

Date

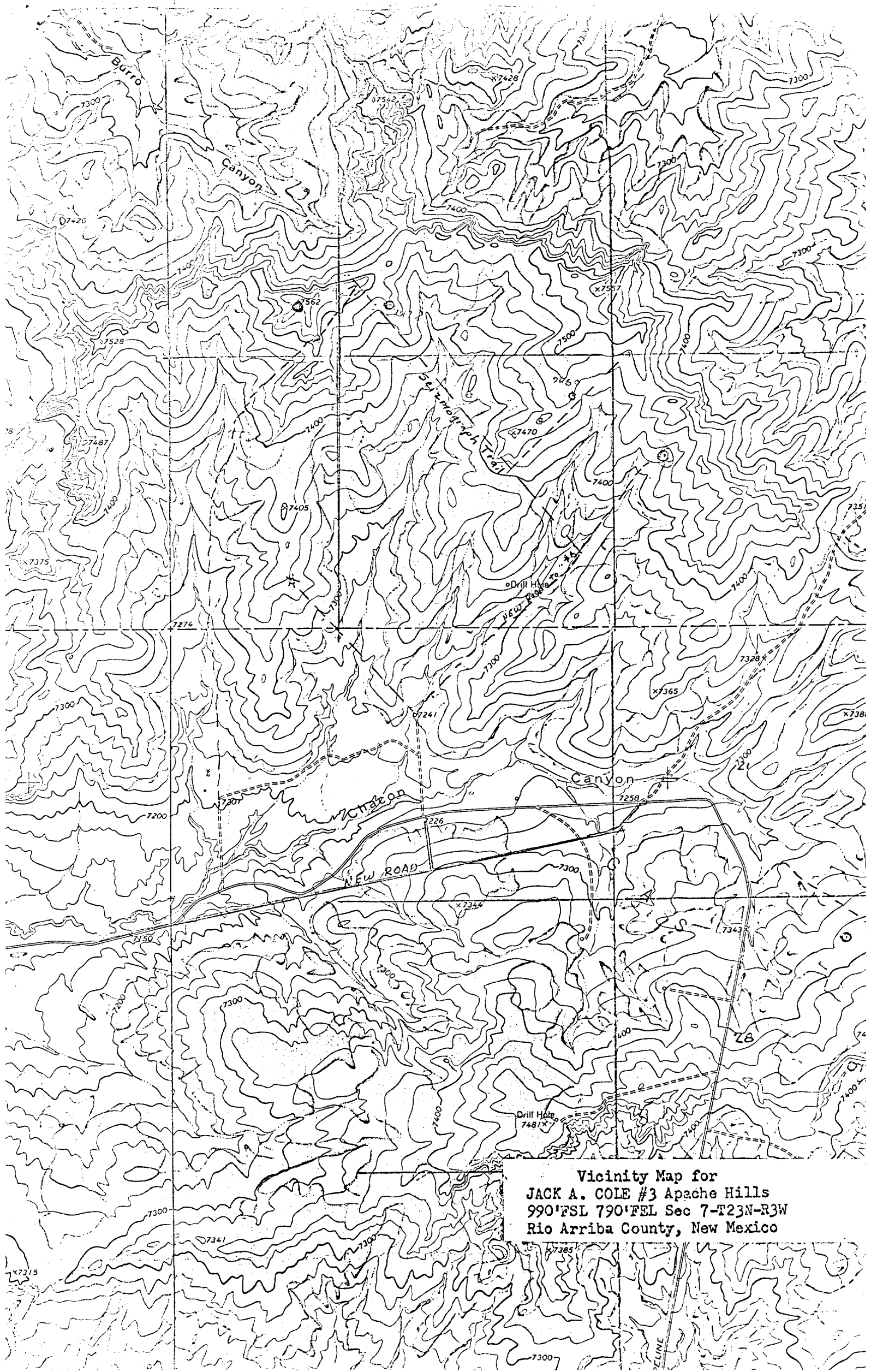
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 28, 1977

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.
3950



Vicinity Map for
JACK A. COLE #3 Apache Hills
990'PSL 790'FEL Sec 7-T23N-R3W
Rio Arriba County, New Mexico