

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

API 30-043-20220

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.

1

10. FIELD AND POOL, OR WILDCAT

Ballard - Pictured Cliffs
Wildcat - Chacra11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 21-T23N-R4W

12. COUNTY OR PARISH 13. STATE

Sandoval

N.M.

17. NO. OF ACRES ASSIGNED
THIS WELL

160 \$ 160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

June 10, 1976

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

790/S and 990/W Sec. 21-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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

790'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

1920

19. PROPOSED DEPTH

3100'

17. NO. OF ACRES ASSIGNED
THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6981 GR 6991 DF

23.

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

TITLE Operator

DATE

5-12-76

(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.

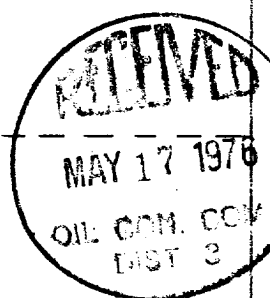
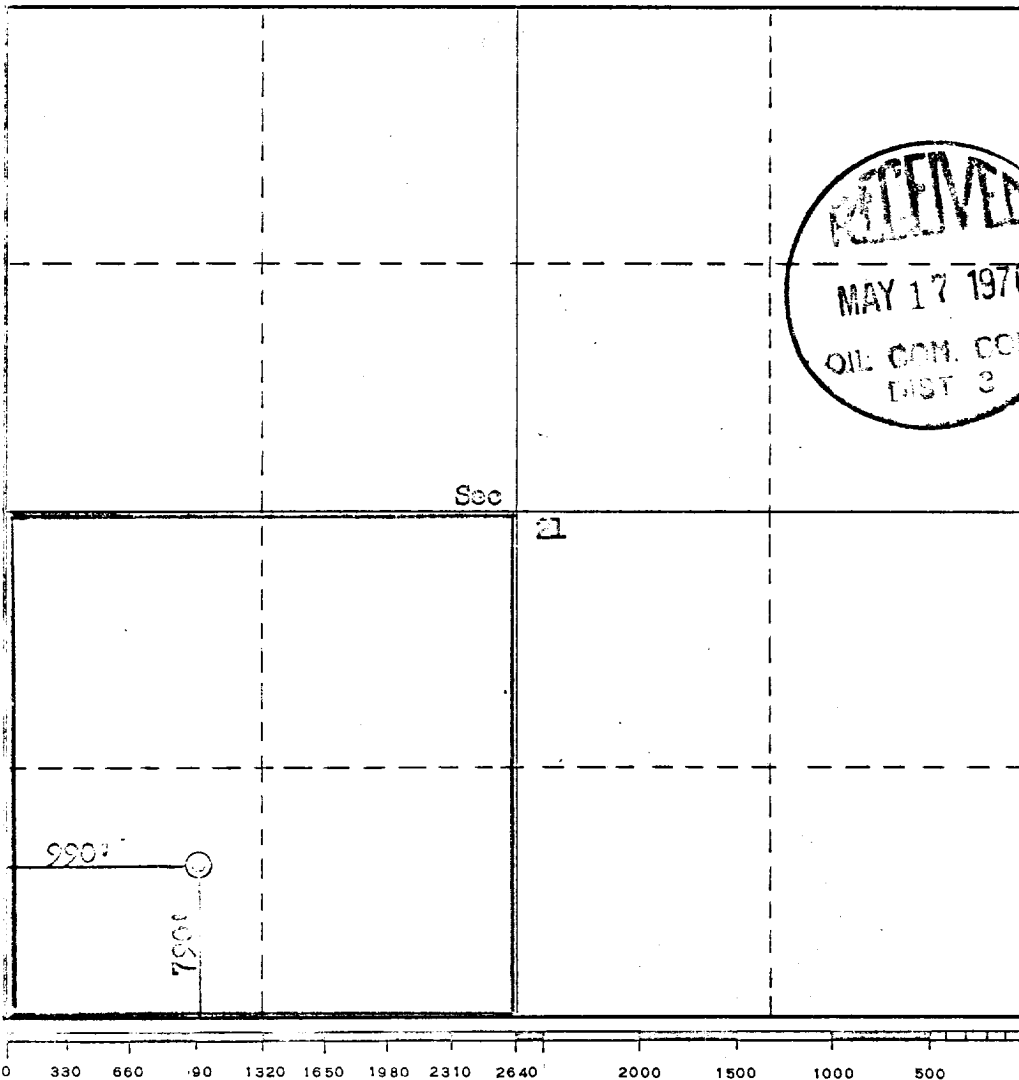
Operator Jack A. Cole			Lease Apache Flats		Well No. 1
Unit Letter M	Section 21	Township 23N	Range 1W	County Sandoval	
Actual Footage Location of Well: 790 feet from the S line and 990 feet from the West line					
Ground Level Elev. 6981	Producing Formation Chaco & Pictured Cliff		Pool Wildcat & Ballard ext		Dedicated Acreage 160 8 160 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 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 A. Cole
Position
Operator
Company

Date
May 12, 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. Kerr, Jr.

Certificate No.
3950