

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. METHOD WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

1b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONED ☐MULTIPLE
ZONED ☐

2. NAME OF OPERATOR

Jack A. Cole

3. ADDRESS OF OPERATOR

P. O. Box 121, Farmington, New Mexico 87401

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

990/S and 990/W, Sec. 9-T23N-R3W

At proposed prod. zone Same

5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR VILLAGE

27 Miles NW of Cuba, New Mexico

6. DEPTH OF NEAREST

DEPT. OF AGRICULTURE, ET.
(Also to nearest city, village, etc., if any)

990'

7. NO. OF ACRES IN LEASE

2072

8. NO. OF ACRES IN LEASE

160

9. DEPTH OF PROPOSED LOCATION*

NEAREST TOWN, VILLAGE, COMPLETED,
OR AGRICULTURE, ON THIS LEASE, ET.

3/4 Mile

10. DEPT. OF AGRICULTURE, ET.

3200

11. DEPT. OF AGRICULTURE, ET.

Rotary

12. COMMENTS (Show whether DE, RE, CH, etc.)

7479 Gr., 7489

February 1, 1970

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
2 1/4"	8 5/8"	24.0	120'	Circulate
7 7/8"	4 1/2"	20.50	3200'	150 Sacks

Well will be mud drilled with rotary tools after setting and cementing 2 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 depth of any production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured or true vertical depth of production zone, if any.

SIGN

Jack A. Cole

NAME

Operator

DATE

December 22, 1969

(For use only for Federal or State office use)

REMARKS

APPROVAL, NAME

APPROVED BY

TITLE

DATE

COMMENTS ON APPROVAL, IF ANY:

OK

Oil and Gas Well Location and Ownership Dedication Plat

Form No. 1
November 1977

Recorded by _____ of the _____

Well No. _____

_____ Township _____

_____ Range _____

_____ County _____

_____ Section _____

_____ East to the _____

Dedicated Area _____

_____ *Ballard ext* _____

_____ dedicated to the subject well by colored pencil or machine marks on the plat below.

_____ dedicated to the well, outline each and identify the ownership thereof (both as to working interest and ownership).

_____ of title (or ownership) in relation to the well, have the interests of all owners been consolidated (by communitization, unitization, lease-pooling, etc)?

_____ If answer is "yes," type of consolidation _____

_____ How and when? List the owners and their descriptions who have actually been consolidated. (Use a separate sheet if necessary).

_____ If answer is "no," have the interests of all owners been consolidated (by communitization, unitization, lease-pooling, etc) and if so, has such consolidation 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.

Operator

Position

Company

December 10, 1977

Date

I hereby certify that the well location shown on this plat was provided 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.

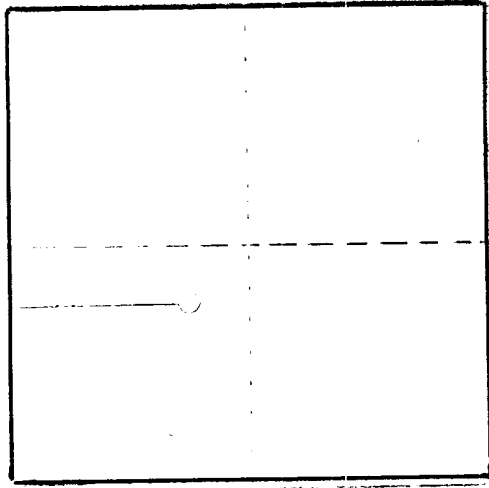
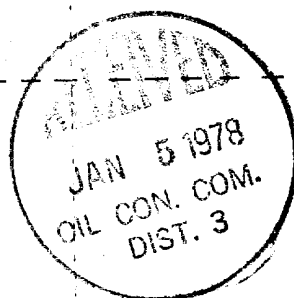
Date Surveyed

December 10, 1977

Registered Professional Engineer and/or Land Surveyor

Certificate No.

3950



0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000



Vicinity Map for
JACK A. COLE #2 Apache Hills
990'FSL 990'FWL Sec 8-T23N-R3W
Rio Arriba County, New Mexico