

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

1730' FSL, 1700' FEL

At proposed prod. zone

Same

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

5 miles, northwest Counselors Trading Post

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1700'

16. NO. OF ACRES IN LEASE

480-2567.37

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.

19. PROPOSED DEPTH

5800

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, DRILLING OPERATIONS AUTHORIZED ARE

6862' GR 6874' KB SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START\*

March 15, 1985

23. "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

| SIZE OF HOLE | SIZE OF CASING            | WEIGHT PER FOOT | SETTING DEPTH |
|--------------|---------------------------|-----------------|---------------|
| 13-1/2"      | 9-5/8"                    | 36.0            | 300'          |
| 8-3/4"       | 7"                        | 23.0            | 5450'         |
| 6-1/4"       | To be completed open hole |                 | 5600'         |

QUANTITY OF CEMENT  
Cement to surface  
Determined by caliper logs

All producing intervals in Gallup Formation will be stimulated as necessary.

EXHIBITS:

|                                     |                               |
|-------------------------------------|-------------------------------|
| "A" Location and Elevation Plot     | "E" Access Road to Location   |
| "B" Ten Point Compliance Program    | "F" Drill Rig Layout          |
| "C" Blowout Preventor Diagram       | "G" Fracturing Program Layout |
| "D" Multi-point Requirements of APD | "H" Location Profile          |

The gas for this well is committed. The SE 1/4, Section 6, is dedicated to this well.

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

*Dewayne Blancett*

RECEIVED  
FEB 28 1985

Dewayne Blancett/Prod. Supr. Jan. 29, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.  
DIST. 3

TITLE

OPERATOR

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

5. LEASE DESIGNATION AND SERIAL NO.

SF-078362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Marcus

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Counselors Gallup-Dakota

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

Sec. 6-T23N-R6W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

N.M.

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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

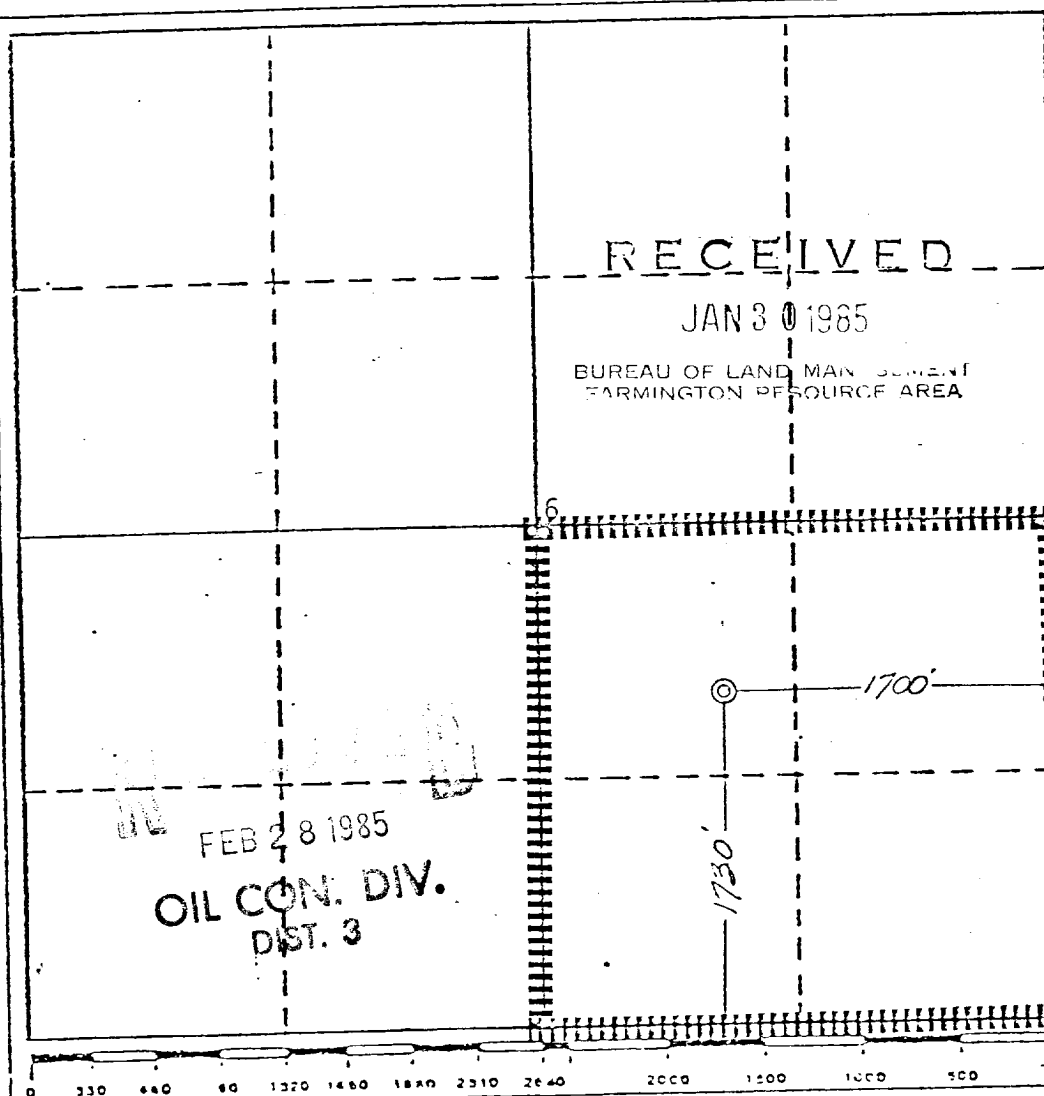
|  |                                      |                         |   |                             |  |
|--|--------------------------------------|-------------------------|---|-----------------------------|--|
| Operator<br><b>JACK A. COLE</b>  |                                      |                         | Lease<br><b>MARCUS</b>                  |                             | Well No.<br><b>2</b>                   |
| Unit Letter<br><b>J</b>  | Section<br><b>6</b>                  | Township<br><b>23 N</b> | Range<br><b>6 W</b>                     | County<br><b>Rio Arriba</b> |  |
| Actual Footage Location of Well:<br><b>1730</b> feet from the <b>SOUTH</b> line and <b>1700</b> feet from the <b>EAST</b> line |                                      |                         |   |                             |  |
| Ground Level Elev.<br><b>6862</b>  | Producing Formation<br><b>Gallup</b> |                         | Pool<br><b>Counselors Gallup-Dakota</b> |                             | Dedicated Acreage:<br><b>160</b> Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



## CERTIFICATION

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

Dewayne Blancett

Name

Position

Production Superintendent

Company

Cole Production Co.

Date

January 29, 1985

I hereby certify that the well location shown on this plat was plotted on field notes by actual survey 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

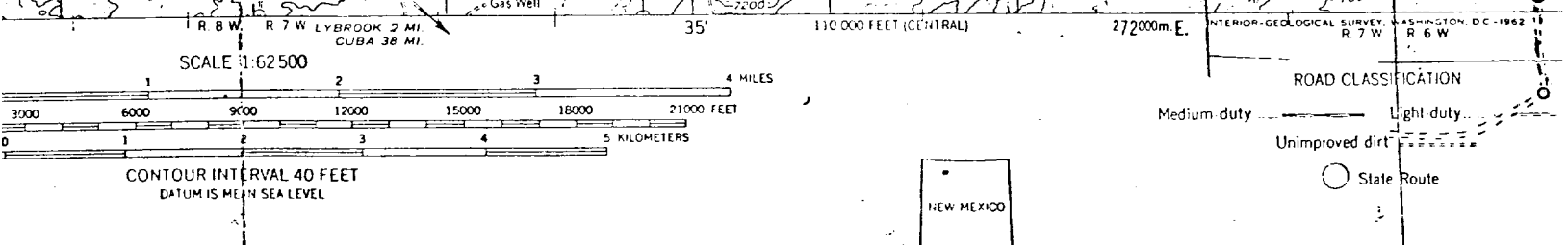
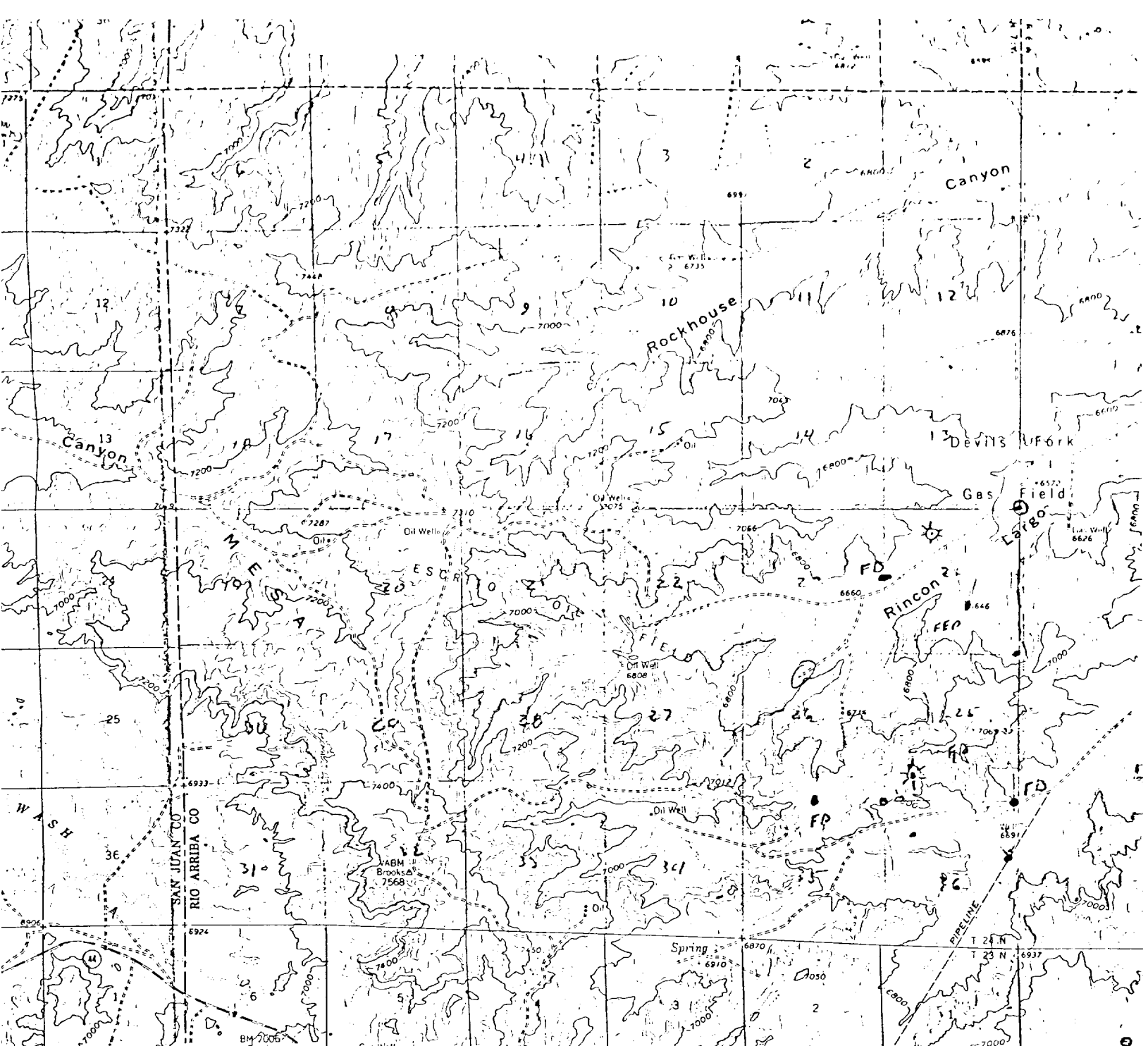
January 3, 1985

Registered Professional Engineer and/or Land Surveyor

Gary D. Vann

Certificate No.

7016



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D.C.  
 FOR DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NAGEEZI, N. M.  
 N3615-W10730/1

1959

JACK A. COLE  
 MARCUS #2  
 1730' F/SL 1700' F/EL  
 Sec. 6, T23N, R6W, NMPM  
 Rio Arriba County, New Mexico