

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'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5800

21. ELEVATIONS (Show whether DF, RT, GR, or KB) DRILLING OPERATIONS AUTHORIZED ARE
 6862' GR 6874' KB SUBJECT TO COMPLIANCE WITH ATTACHED

23. "GENERAL REQUIREMENTS," PROPOSED CASING AND CEMENTING PROGRAM

| 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' |

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
 J Sec. 6-T23N-R6W

12. COUNTY OR PARISH
 Rio Arriba

13. STATE
 N.M.

RECEIVED
 JAN 30 1985

16. NO. OF ACRES IN LEASE
 480-2567.37

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160 ✓

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 March 15, 1985

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

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

EXHIBITS:

- "A" Location and Elevation Plot
- "B" Ten Point Compliance Program
- "C" Blowout Preventor Diagram
- "D" Multi-point Requirements of APD
- "E" Access Road to Location
- "F" Drill Rig Layout
- "G" Fracturing Program Layout
- "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 Dewayne Blancett/Prod. Supt. Jan. 29, 1985

(This space for Federal or State office use)
 FEB 28 1985

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY OIL CON. DIV. TITLE
 CONDITIONS OF APPROVAL, IF ANY: DIST. 3

APPROVED
 AS AMENDED
 FEB 21 1985
John S. Bluckee
 AREA MANAGER
 FARMINGTON RESOURCE AREA

OPERATOR

*See Instructions On Reverse Side

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.

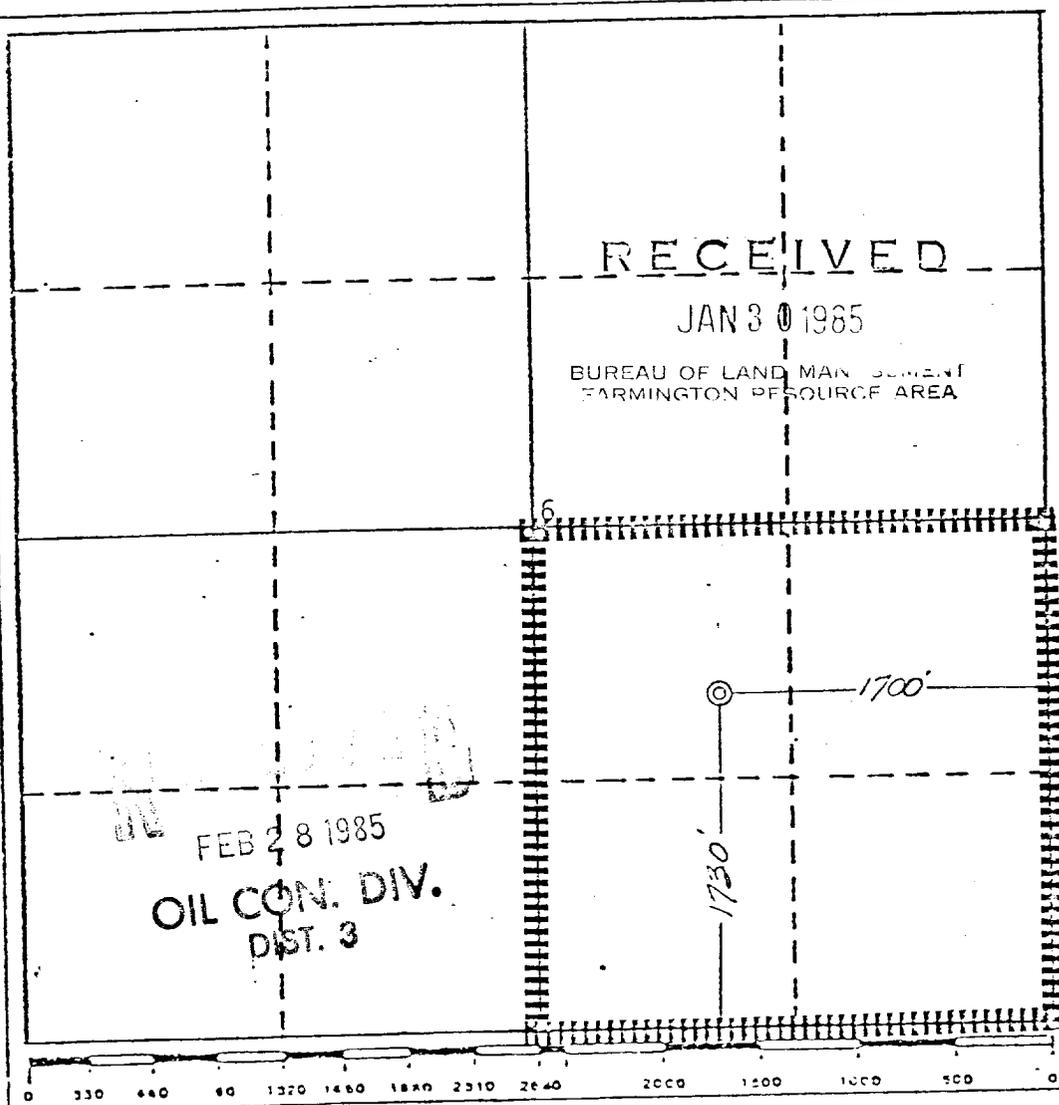
| | | | | |
|--|--------------------------------------|---|--|-----------------------------|
| Operator JACK A. COLE | | Lease MARCUS | | Well No. 2 |
| Unit Letter J | Section 6 | Township 23 N | Range 6 W | County Rio Arriba |
| Actual Footage Location of Well: 1730 feet from the SOUTH line and 1700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



CERTIFICATION

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

Dewayne Blancett

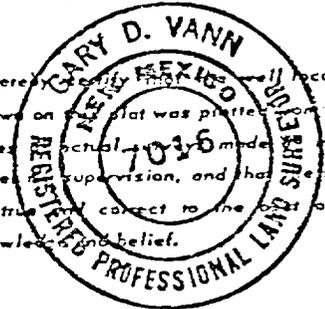
Name
Dewayne Blancett

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, checked, and made true or under supervision, and that the same is true and correct to the best of my knowledge and belief.

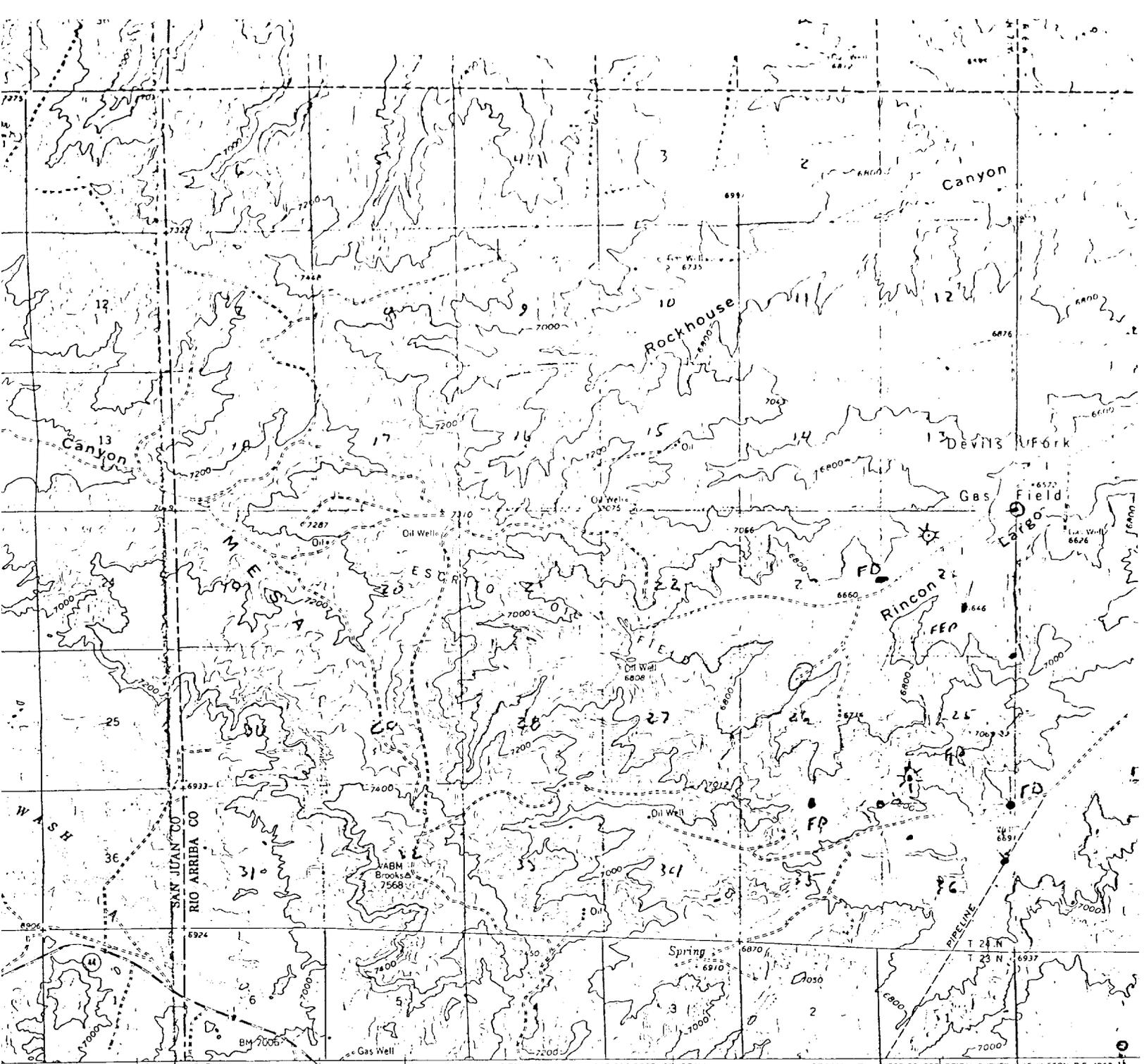


Date Surveyed
January 3, 1985

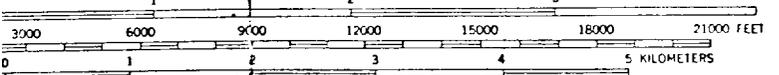
Registered Professional Engineer and/or Land Surveyor
Gary D. Vann

Certificate No.
7016

FEB 28 1985
OIL CON. DIV.
DIST. 3



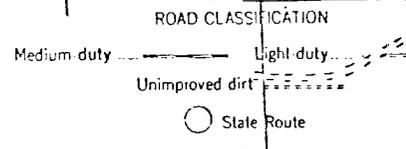
SCALE 1:62500



CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL



QUADRANGLE LOCATION



NAGEEZI, N. M.
N3615-W10730/1

1959

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

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