

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, 87499

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

At surface 655' FNL, 945' FEL

At proposed prod. zone

Same

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

6 miles Northwest Counselor's Trading Post

15. DISTANCE FROM PROPOSED\*

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

655'

18. DISTANCE FROM PROPOSED LOCATION\*

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

1 mile

16. NO. OF ACRES IN LEASE

2567.37

19. PROPOSED DEPTH

5600'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

6813' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

23. PROPOSED PROGRAM

GENERAL REQUIREMENTS PROGRAM

22. APPROX. DATE WORK WILL START\*

May 14, 1985

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

QUANTITY OF CEMENT

200 sacks

To be determined after logging.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24.0 lb. 55'	250'
7-7/8"	4-1/2"	10.50 lb. 55'	5600'

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 NE 1/4 NE 1/4, Section 1, 40 acres is dedicated to this well.

RECEIVED  
MAY 02 1985

OIL CON. DIV.  
DIST. 3

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 Dwayne Blancett TITLE Dwayne Blancett/Prod. Supt. DATE March 6, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APR 30 1985

/s/ J. Stan McKee  
M. MILLENBACH  
AREA MANAGER

NMOCC

\*See Instructions On Reverse Side

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

Operator <b>JACK A. COLE</b>			Lease <b>MARCUS</b>		Well No. <b>6</b>
Unit Letter <b>A</b>	Section <b>1</b>	Township <b>23N</b>	Range <b>7W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>655</b> feet from the <b>North</b> line and <b>945</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6813</b>	Producing Formation <b>Gallup</b>		Pool <b>Lybrook - Gallup</b>		Dedicated Acreage: <b>40</b> 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.

		<p>655'</p> <p>945'</p>
<p>Sec.</p>		<p>RECEIVED</p> <p>MAR 07 1985</p> <p>BUREAU OF LAND MANAGEMENT</p> <p>MAY 02 1985</p> <p>OIL CON. DIV.</p> <p>DIST. 3</p>

Scale: 1"=1000'

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 Company

Date  
March 6, 1985

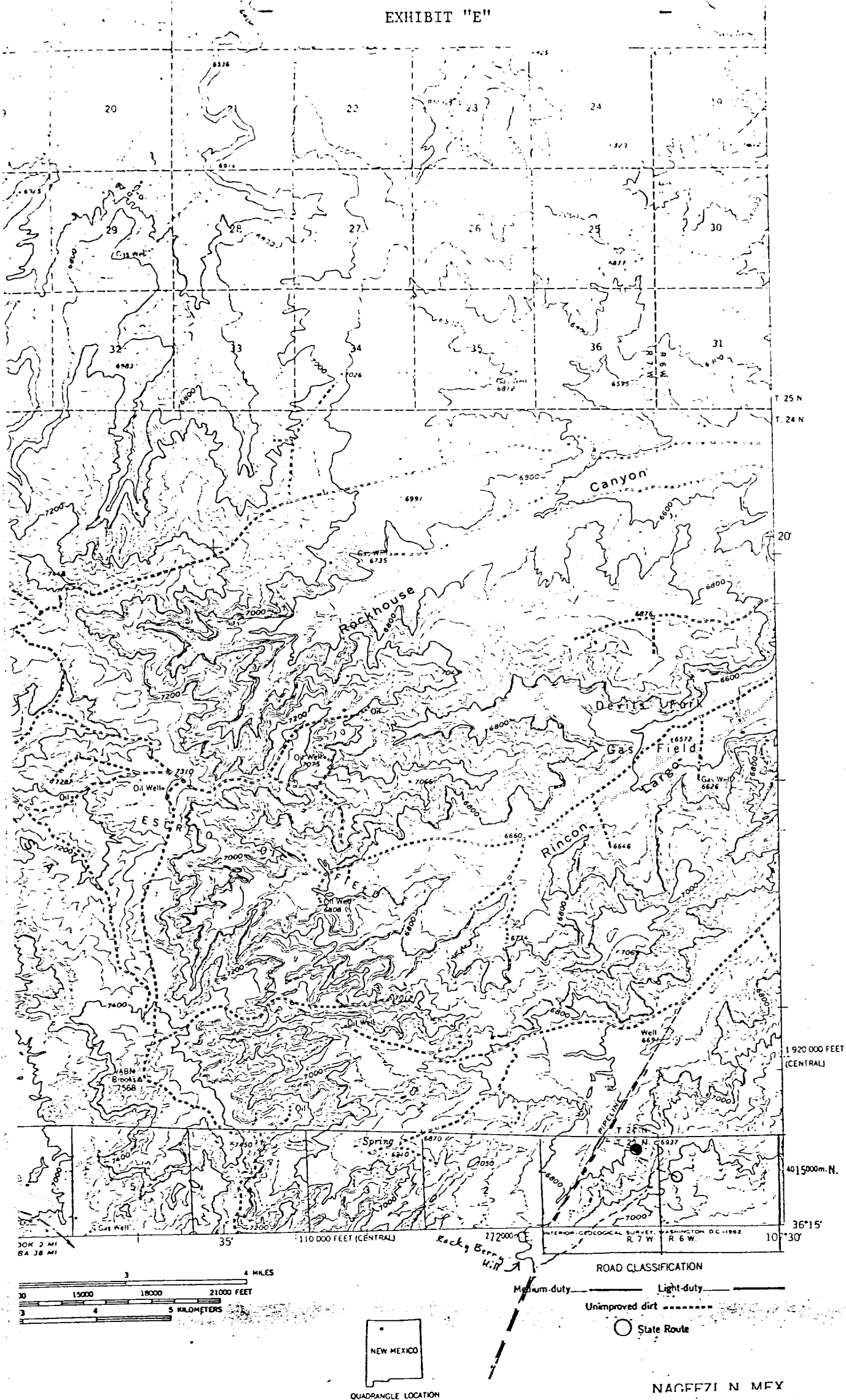
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
March 1, 1985

Registered Professional Engineer  
and Land Surveyor  
*Fred E. Baker Jr.*  
Fred E. Baker Jr.

Certificate No.  
3950

# EXHIBIT "E"



\* STANDARDS  
 WASHINGTON 25, D.C.  
 AVAILABLE ON REQUEST

Vicinity Map for  
 JACK A. COLE #6 MARCUS  
 655'FNL 945'FEL Sec. 1-T23N-R7W  
 RIO ARriba COUNTY, NEW MEXICO

JACK A. COLE  
PETROLEUM GEOLOGIST  
P O BOX 191  
FARMINGTON NEW MEXICO 87401  
(505) 325-1415

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March 22, 1985

Bureau of Land Management  
Caller Service 4104  
Farmington, New Mexico 87499

REF: AMENDMENT TO APD

Please find below an amendment to the APD for the  
following well:

JACK A. COLE  
MARCUS NO. 6  
Lease No. SF-078362

RECEIVED

MAR 25 1985

FARMINGTON, NEW MEXICO

Casing Grade:

Surface - 8-5/8", 24.0 lb., J-55, ERW  
Production - 4-1/2", 10.50 lb., K-55, smls

Attached are 3 copies of the Designation of Operator  
from Grace Petroleum.

Thank you.

DB/jlw

*Darvye Blensett*

Enclosures