

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-24217

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

Blackwood & Nichols Co., Ltd.

3. ADDRESS OF OPERATOR

P.O. Box 1237 Durango, CO 81302-1237

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

930' FNL, 900' FEL  
At proposed prod. zone

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

10 miles

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

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

16. NO. OF ACRES IN LEASE

2236.44

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

19. PROPOSED DEPTH

3194'

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

6222' U.G.

22. APPROX. DATE WORK WILL START\*

April 22, 1988

23.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9 5/8"	36.0#	300'
8 3/4"	7"	23.0#	2800'
6 1/4"	5 1/2" liner	23.0#	2700' - 3194'

QUANTITY OF CEMENT ATTACHED

Circulate (325-85)

Circulate or (300 cf)

Cover: OjoAlamo

Not Cemented

Blackwood & Nichols Co., Ltd. proposes to drill this Fruitland Coal well to further develop the Northeast Blanco Unit. This APD requests right of way for the pipe-line. A Notice of Staking for this well was submitted on March 22, 1988.

Attached: Onshore Drilling Program and Surface Use Program

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 William L. Clark TITLE Operations Manager DATE March 28, 1988

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

RECEIVED  
APR 28 1988  
OIL CON. DIV.  
DIST. DIV.

APPROVED  
AS AMENDED  
APR 25 1988  
AREA MANAGER

RECEIVED  
BLM MAIL ROOM  
MAR 29 PM 3:54  
WASHINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO

**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.

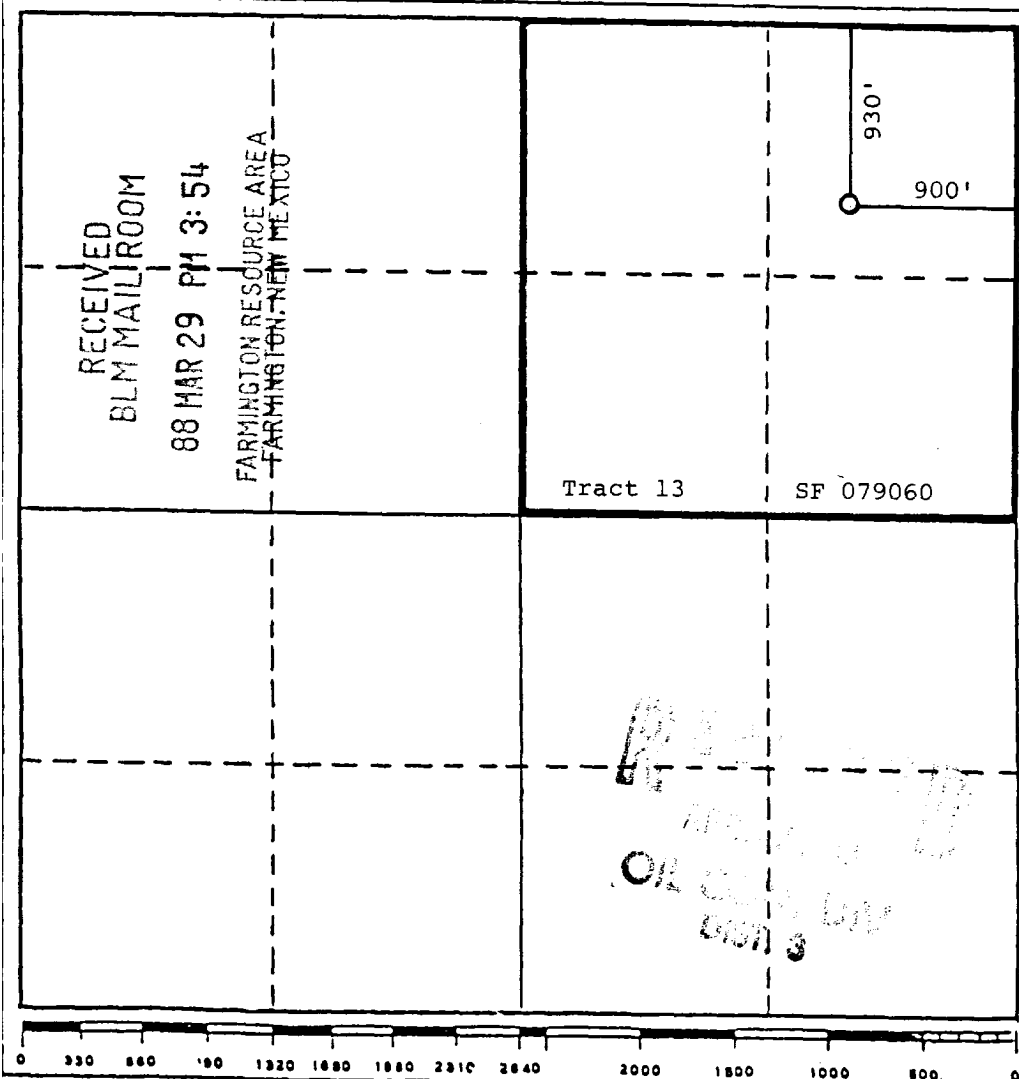
Operator <b>BLACKWOOD &amp; NICHOLS CO., LTD.</b>		Lease <b>NORTHEAST BLANCO UNIT</b>		Well No. <b>407</b>
Unit Letter <b>A</b>	Section <b>21</b>	Township <b>30 North</b>	Range <b>7W., N.M.P.M.</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>930 feet from the north line and</span> <span>900 feet from the east line</span> </div>				
Ground Level Elev. <b>6222 (U.G.)</b>	Producing Formation <b>Fruitland Coal</b>	Pool <b>Undeg. Fruitland Coal</b>	Dedicated Acreage: <b>160 Acres</b>	

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 Unitization

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.

*William F. Clark*  
Name **William F. Clark**

Position  
**Operations Manager**

Company  
**Blackwood & Nichols Co., Ltd.**

Date  
**March 23, 1988**

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 14, 1988**

Registered Professional Engineer and/or Land Surveyor

*Allison L. Kroeger*  
**Allison L. Kroeger, PLS**

Certificate No.

7922

