

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-139-24216

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

SF 079060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NEBU No 1, Sec 929

8. FARM OR LEASE NAME

Northeast Blanco Unit

9. WELL NO.

413

10. FIELD AND POOL, OR WILDCAT

UNDES  
Fruitland Coal

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

B-20-30N-7W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

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  
900' FNL, 1350' FWL  
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

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

3560'

20. ROTARY OR CABLE TOOLS

Rotary

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

6379' U.G.

22. APPROX. DATE WORK WILL START\*

April 22, 1988

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.0#	300'	Circulate (325 cf)
8 3/4"	7"	23.0#	3560'	Circulate or (800 cf)
				Cover OjoAlamo

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 pipeline. A Notice of Staking for this well was submitted on March 22, 1988.

Attached: Onshore Drilling Program and Surface Use Program

RECEIVED

MAY 02 1988

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

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

Hand C-164 for NGL

NGL-2502

\*See Instructions On Reverse Side

Handwritten signature/initials

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.

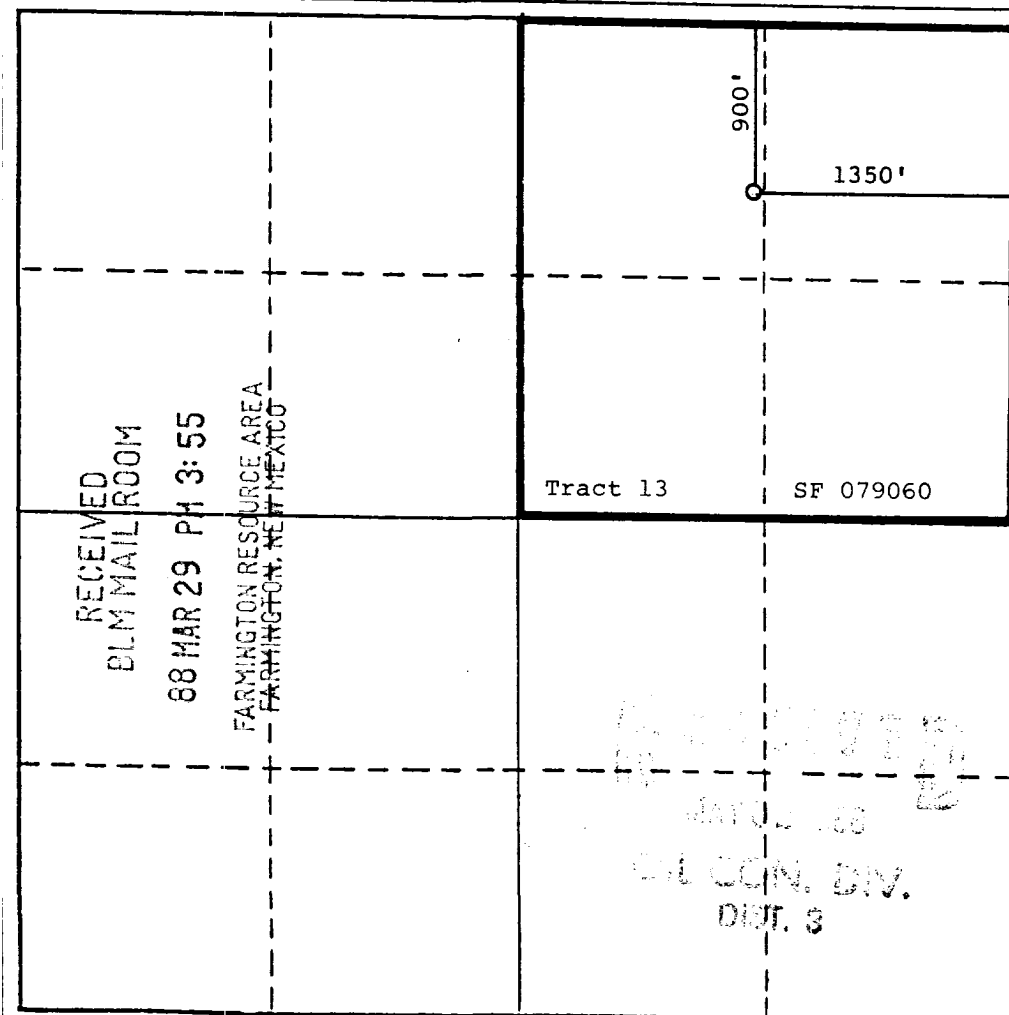
Operator <b>BLACKWOOD &amp; NICHOLS CO., LTD.</b>			Lease <b>NORTHEAST BLANCO UNIT</b>		Well No. <b>413</b>
Unit Letter <b>B</b>	Section <b>20</b>	Township <b>30 North</b>	Range <b>7W., N.M.P.M.</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>900 feet from the north line and</span> <span>1350 feet from the east line</span> </div>					
Ground Level Elev: <b>6379 (U.G.)</b>	Producing Formation <b>Fruitland Coal</b>	Pool <b>Undeg. Fruitland COAL</b>	Dedicated Acreage: <b>160</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 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.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>William F. Clark</i>	
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 17, 1988
Registered Professional Engineer and/or Land Surveyor	<i>Allison L. Kroeger</i>
	Allison L. Kroeger, PLS
Certificate No.	7922



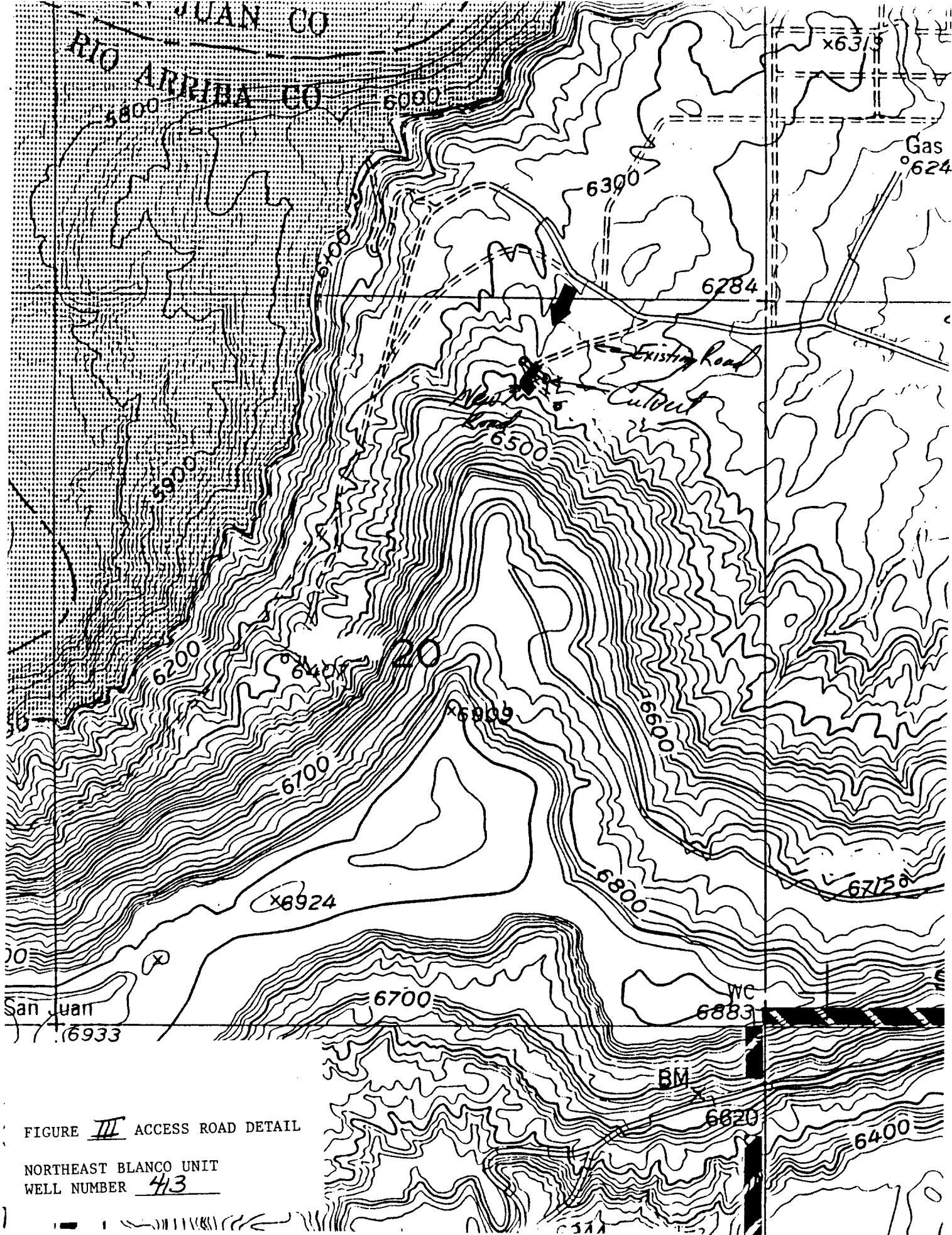


FIGURE III ACCESS ROAD DETAIL

NORTHEAST BLANCO UNIT  
WELL NUMBER 413