

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

790' FNL, 970' FEL

At proposed prod. zone

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

17 miles

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

1799.91

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

3500'

20. ROTARY OR CABLE TOOLS

Rotary

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

6343' U.G.

This action is subject to technical and

procedural review pursuant to 43 CFR 3185.3

and appeal pursuant to 43 CFR 3185.4.

22. APPROX. DATE WORK WILL START*

April 22, 1988

23.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	GENERAL QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.0#	300'	Circulate (325 cf)
8 3/4"	7"	23.0#	3500'	Circulate or Cover OjoAlamo (800 cf)

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
MAIL ROOM
APR 23 PM 2:36
FEDERAL BUREAU OF
GEOLOGICAL SURVEY
WASHINGTON, D.C.

RECEIVED
APR 25 1988
OIL CON. DIV.
DIST. 3

7. ABOVE STATE 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 prevention 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 APR 21 1988

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

AREA MANAGER

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.

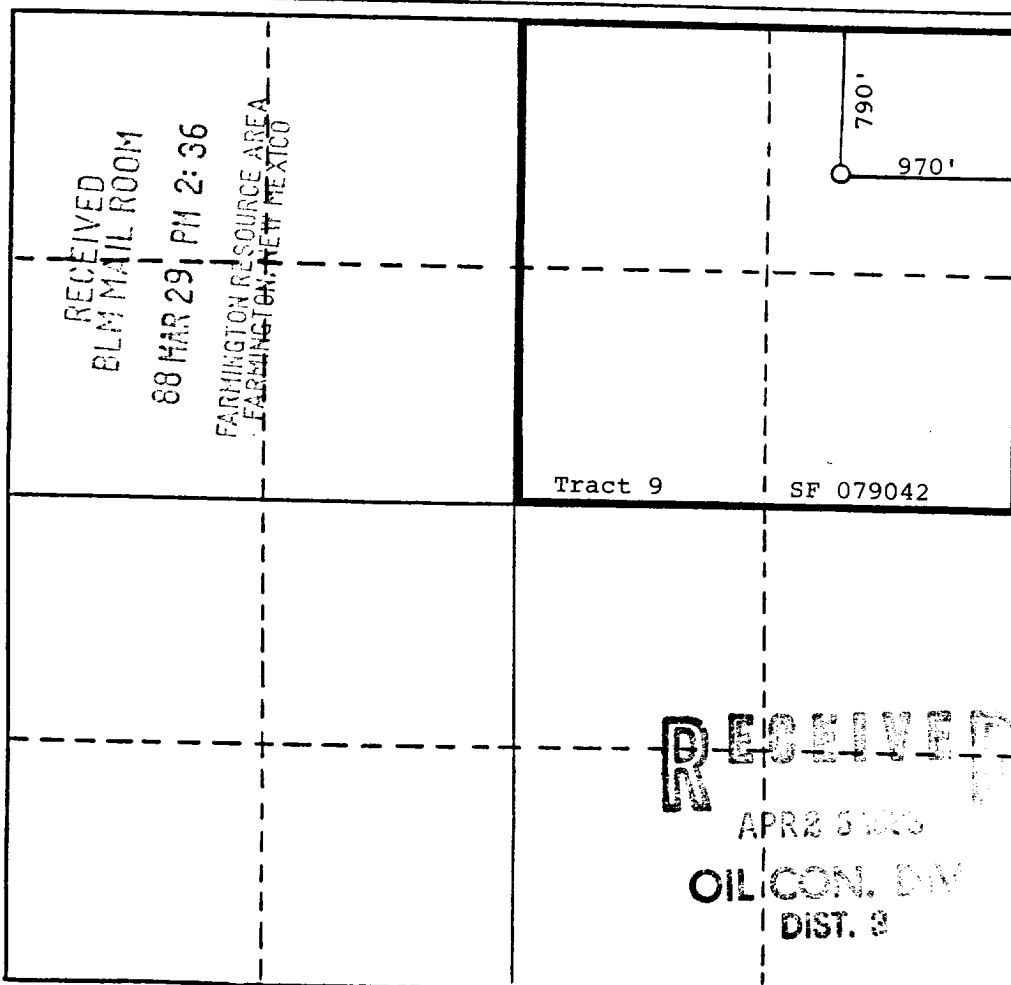
Operator BLACKWOOD & NICHOLS CO., LTD.			Lease NORTHEAST BLANCO UNIT		Well No. 402
Unit Letter A	Section 5	Township 30 North	Range 7W., N.M.P.M.	County San Juan	
Actual Footage Location of Well: 790 feet from the north line and 970 feet from the east line					
Ground Level Elev: 6343 (U.G.)		Producing Formation Fruitland Coal		Pool Undeg. Fruitland	Dedicated Acreage: 160/5.44 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.



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.

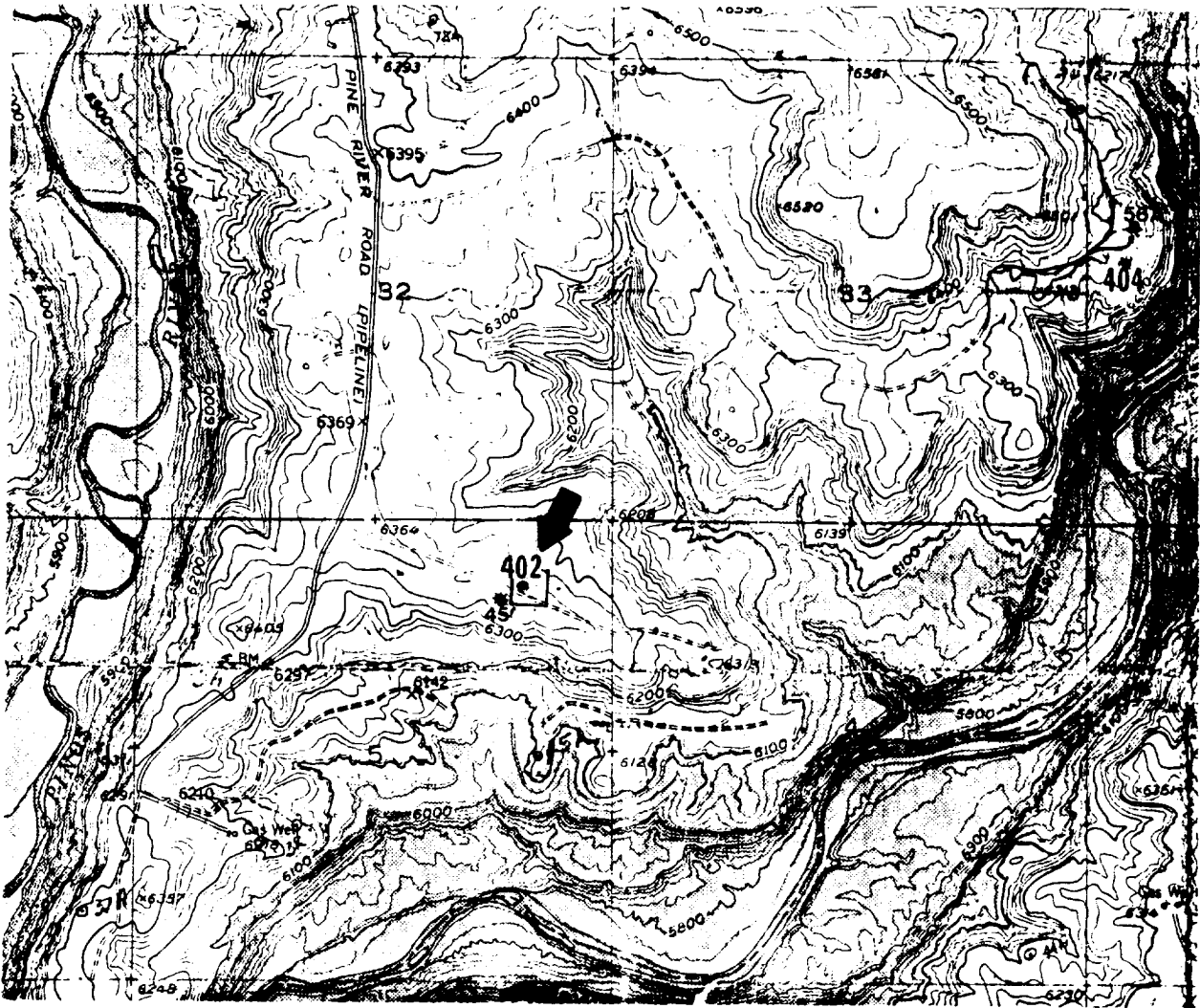
Date Surveyed **March 15, 1988**

Registered Professional Engineer and/or Land Surveyor

Allison L. Kroeger
Allison L. Kroeger, PLS

Certificate No.

7922



R. 7 W.

NEBU No. 404

- 1) No new access road required. Existing access road adjacent to the northwesterly boundary of the proposed pad.

NEBU No. 402

- 1) No new access road required. Access is immediately off of pad to existing well (NEBU 45).

BLACKWOOD & NICHOLS CO., LTD.

Figure II

VICINITY MAP

to

NORTHEAST BLANCO UNIT Nos. 402 and 404

Date: March, 1988

Scale: 1"=2000'

KROEGER & ASSOCIATES
DURANGO, COLO.