

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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

Wildcat

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

1450' FNL, 790' FWL
At proposed prod. zone

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

16 miles NE of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE

638.75

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

9500'

20. ROTARY OR CABLE TOOLS

Rotary

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

6313'

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20" (new)	94#, H-40	300'	Circulate (903 cf-100% excess)
14 3/4"	10 3/4" (new)	40.5 & 45.5# J-55	4000'	Cover Ojo Alamo (2086 cf-50% excess)
9 7/8"	7 5/8"	26.4#, N-80	3700-8000'	Circ. liner (1250 cf-70% excess)
6 3/4"	5 1/2"	17#, N-80	7700-9500'	Circ. liner (256 cf-70% excess)

Morrison - Entrada

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 April 21, 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 and

24.

SIGNED

William F. Clark
William F. Clark

TITLE Operations Manager

DATE May 3, 1988

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

MAY 2 1988
DATE

AREA MANAGER

NMOCC

*See Instructions On Reverse Side

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

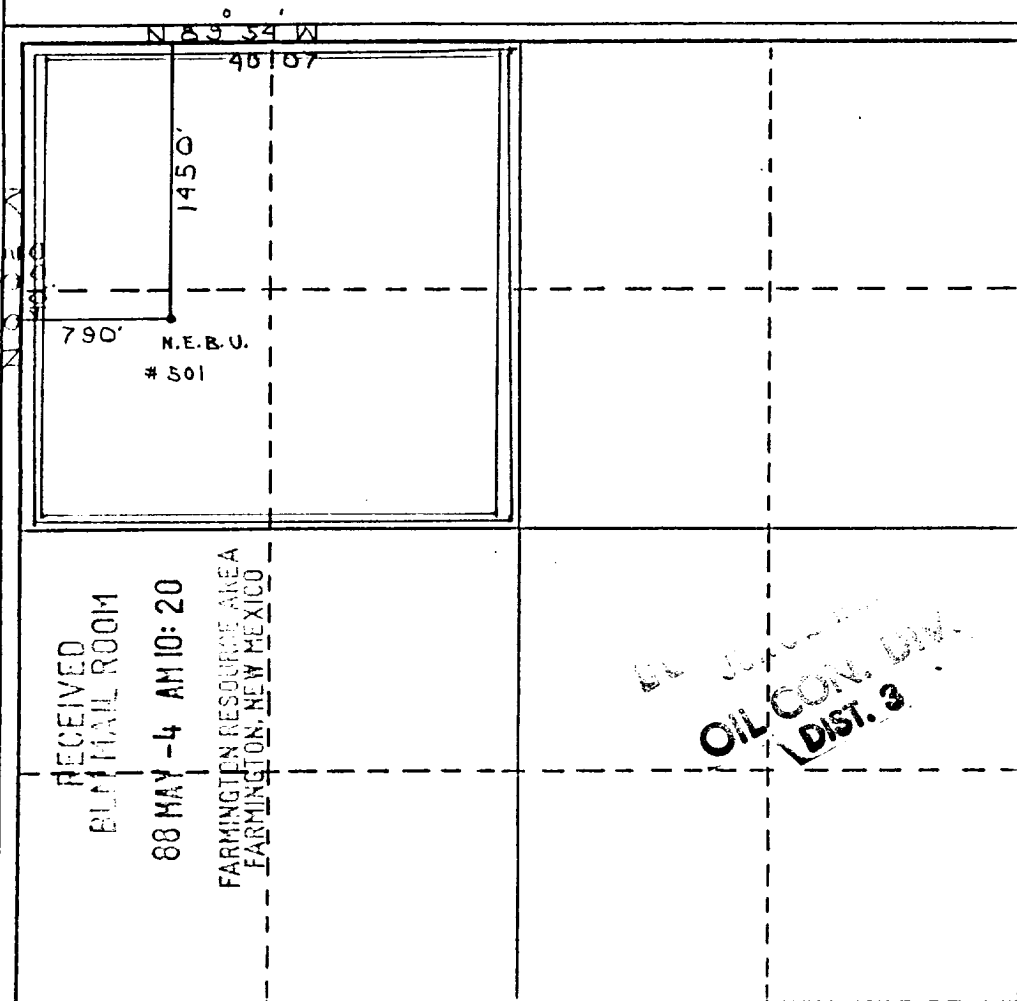
Operator Blackwood & Nichols			Lease Northeast Blanco Unit		Well No. 501
Unit Letter E	Section 10	Township T30N	Range R7W	County Rio Arriba	
Actual Footage Location of Well: 1450 feet from the North line and 790 feet from the West line					
Ground Level Elev. 6313	Producing Formation Morrison Entrada		Pool Undesignated		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 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 Division.



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
Operations Manager
Position
Blackwood & Nichols Co., Ltd.
Company
May 2, 1988
Date

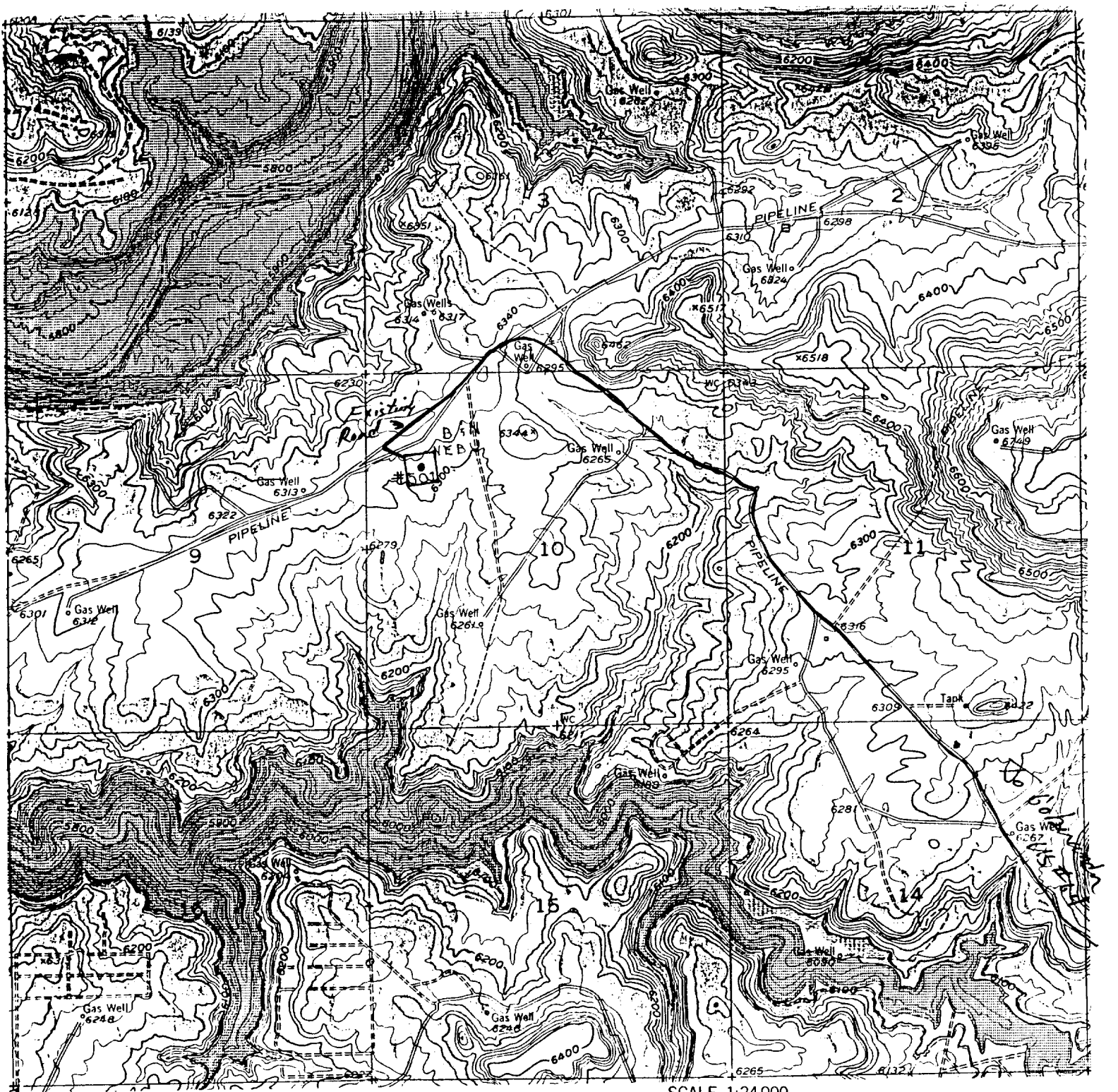
I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Registered Professional

Date Surveyed Land Surveyor
April 22, 1988

Registered Land Surveyor
R. Howard Daggett

Certificate No. *R. Howard Daggett*
9679



Blackwood & Nichols
 Northeast Blanco Unit #501
 1450' F/NL, 790' F/WL,
 Section 10, T30N, R7W,
 Rio Arriba County, New Mexico

Figure II

CONTOUR INTERVAL 20 FEET
 DATUM IS MEAN SEA LEVEL

PINE RIVER, N. MEX.
 SE/4 NAVAJO DAM IS QUADRANGLE
 N3645—W10730/7.5

1954
 PHOTOREVISED 1971



QUADRANGLE LOCATION