

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

URMIT IN TRIPPLICATE
(Other instructions on
reverse side)

Budget Bureau No. 12-R1425

30-045-27721

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐

3. NAME OF OPERATOR
Blackwood and Nichols Co., Ltd.

4. ADDRESS OF OPERATOR
P.O. Box 1237 Durango, Colorado 81302-1237

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
860' FNL - 1845' FEL
At proposed prod. zone
Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
18 miles NE of Blanco, New Mexico

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest driz. unit line, if any)
860'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1550'

9. NO. OF ACRES IN LEASE
2560.00

10. PROPOSED DEPTH
3190'

11. NO. OF ACRES ASSIGNED TO THIS WELL
320

12. ROTARY OR CABLE TOOLS
Rotary

13. APPROX. DATE WORK WILL START
April 1, 1990

14. ELEVATIONS (Show whether DF, RT, GR, etc.)
6273 (U.G.)

15. LEASE DESIGNATION AND SERIAL NO.
SF079003

16. IF INDIAN, ALLOTTEE OR TRIBE NAME

17. UNIT AGREEMENT NAME
Northeast Blanco

18. FARM OR LEASE NAME
Northeast Blanco Unit

19. WELL NO.
466

20. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal

21. SEC., T., R., M., OR S.E. AND SURVEY OR AREA
Sec. 34, T31N, R7W

22. COUNTY OR PARISH
San Juan

23. STATE
NM

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#	300'	295 cuft/circulate to surface
8 3/4"	7"	23#	2800'	940 cuft/circulate to surface
6 1/4"	5 1/2"	17#	2700'-3190'	30 cuft/circulate to liner top

Propose to spud in the San Jose formation. Will drill a 12 1/4" hole to a TD of 300'. Run surface casing and cement with cement returns to surface. WOC 12 hours. Test to 600 psi/30 mins. Drill a 8 3/4" hole to a TD of 2800' using fresh water mud. No poisonous gases or abnormal pressures are anticipated. Run intermediate casing and cement with cement returns to surface. WOC 12 hours. Test to 1500 psi/30 mins. Drill a 6 1/4" hole to a TD of 3190' using water and air. Run a mud logging unit while drilling this interval. Run the production liner. The liner will be cemented if the wells natural flow capacity indicates the need for fracture stimulates.

Surface ownership is Bureau of Reclamation.

"Approval of this action does not warrant that the applicant

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on proposed new production. If proposal is to drill on, deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

or title to the land.

SIGNATURE William F. Hall TITLE Operations Manager

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

ok
Ⓢ

RECEIVED

APR 10 1990

OIL CON. DIV.
DIST. 3

5 Mar 90
APPROVED

AS AMENDED

APR 09 1990
AREA MANAGER

*See Instructions On Reverse Side

REGISTERED

OFFICIAL USE
VIA RADIO
C. 1213

RECEIVED
JAN 10 1941
U. S. DEPT. OF JUSTICE

**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.

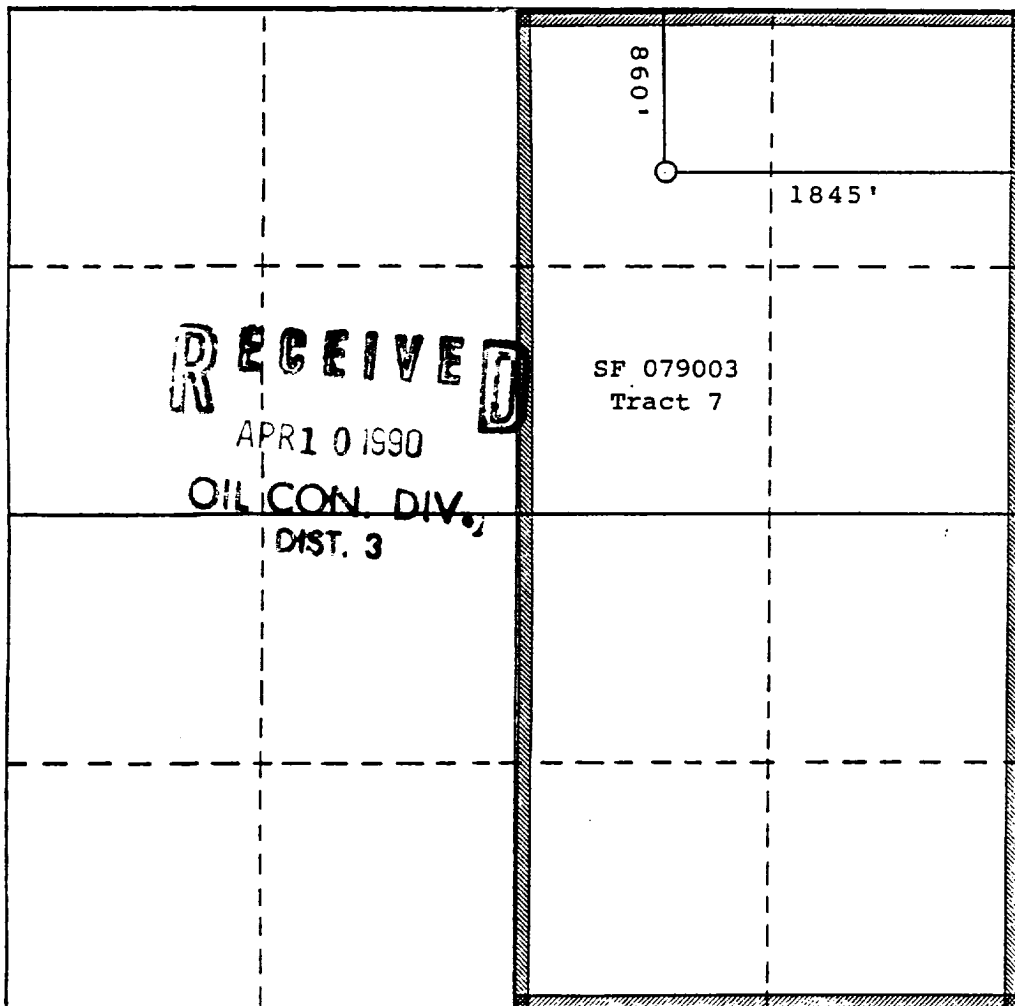
Operator BLACKWOOD & NICHOLS CO., LTD.			Lease NORTHEAST BLANCO UNIT		Well No. 466
Unit Letter B	Section 34	Township 31 North	Range 7 West	County San Juan County	
Actual Footage Location of Well: 860 feet from the north line and 1845 feet from the east line					
Ground Level Elev: 6273 (U.G.)	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal	Dedicated Acreage 320 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.

Date
December 7, 1989

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
November 10, 1989

Registered Professional Engineer and/or Land Surveyor
Allison L. Kroege
Allison L. Kroege, PLS

Certificate No.
7922

