

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25095

5. LEASE DESIGNATION AND SERIAL NO.

SF 079045

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NEBU Agreement No. 1,  
Sec. 929

8. FARM OR LEASE NAME

Northeast Blanco Unit

9. WELL NO.

72

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

H-29-31N-7W

12. COUNTY OR PARISH

San Juan

13. STATE  
New Mexico

## 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

2. NAME OF OPERATOR

Blackwood &amp; Nichols Co., Ltd.

3. ADDRESS OF OPERATOR

P. O. Box 1237, Durango, Colorado 81301

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

At surface

1635' F/NL - 970' F/EL

At proposed prod. zone

Same

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

Nine miles

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

2056.12

17. NO. OF ACRES ASSIGNED

TO THIS WELL

E/ 320

19. PROPOSED DEPTH

6010

20. ROTARY OR CABLE TOOLS

Rotary

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

6466' GL

22. APPROX. DATE WORK WILL START\*

June 12, 1981

## 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"	36.00# H-40	250' New	Circulate
8 3/4"	7"	23.00# K-55	3725' New	Cover Ojo Alamo
6 1/4"	4 1/2"	10.50# K-55	3425'-6010'"	To top of liner

NTL-6

(3) San Jose

(6) Ojo Alamo 2265'; Kirtland 2440'; Lewis 3505'; Cliffhouse 4985'; Mancos 5800'.

(7) Fruitland 3070'; Pictured Cliffs 3365'; Massive Cliffhouse 5330'; Menefee 5400';  
Point Lookout 5660'.(9) 9 5/8" surface; 250 sacks Class B cement with 2% CaCl<sub>2</sub>; circulate to surface.  
7" intermediate; 200 sacks Lite cement with 1/4# flocele per sack followed with  
100 sacks Class B cement with 2% CaCl<sub>2</sub> and 1/4# flocele/sack in order to bring  
cement up behind 7" casing to approximately 1600' to cover the Ojo Alamo formation.  
4 1/2" liner; 300 sacks 50-50 Pozmix with 2% Gel, 0.6% CFR, 1/4# flocele per sack  
and 6 1/4# Gilsonite per sack to circulate cement at top of liner at 3210'.(10) A 3000 PSI WP; Series 10" - 900 - adapted to Series 10" - 600 and 6" - 600 hydraulic  
blowout preventer equipped with blind and necessary pipe rams will be used with

(Over) adequate kill and bleed off lines. Blowout preventer will be pressure tested after

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. *DeLasso Loos* DeLasso Loos TITLE District Manager DATE January 5, 1981

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

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

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

As Amended

JUN 24 1981

*E. A. Schmitt*  
for JAMES F. SIMS  
DISTRICT OIL & GAS SUPERVISOR

Instructions On Reverse Side

**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.

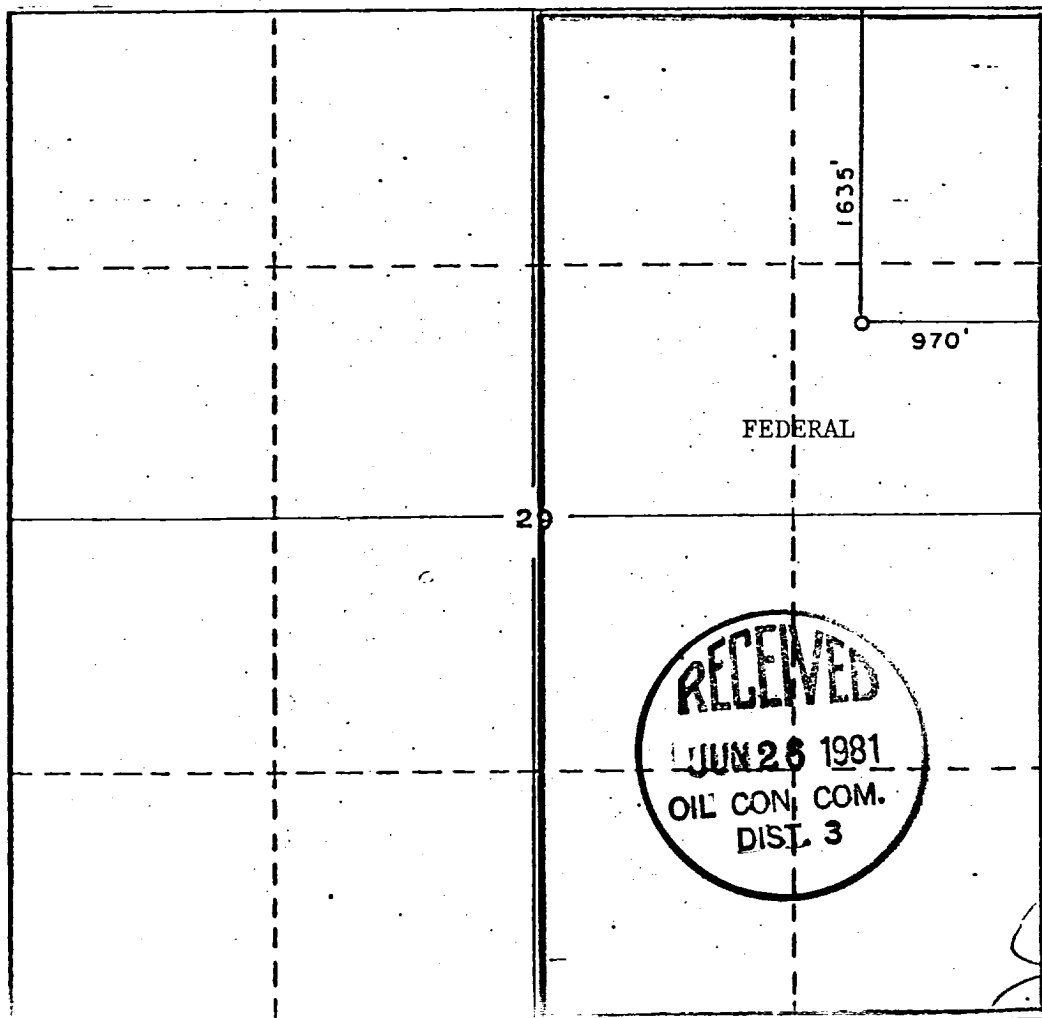
Operator <b>BLACKWOOD &amp; NICHOLS</b>			Lease <b>NORTHEAST BLANCO UNIT</b>		Well No. <b>72</b>
Unit Letter <b>H</b>	Section <b>29</b>	Township <b>31 N.</b>	Range <b>7W., N.M.P.M.</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>1635</b> feet from the <b>north</b> line and <b>970</b> feet from the <b>east</b> line.					
Ground Level Elev. <b>6466 U.G.</b>	Producing Formation <b>Mesaverde</b>	Pool <b>Blanco-Mesaverde</b>		Dedicated Acreage <b>320</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.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*DeLasso Loos*  
 Name  
**DeLasso Loos**  
 Position  
**District Manager**  
 Company  
**Blackwood & Nichols Co., Ltd.**  
 Date  
**October 22, 1980**

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  
**October 14, 1980**  
 Registered Professional Engineer  
 and/or Land Surveyor  
*John A. Kroeber*  
**John A. Kroeber, L.S.**  
 Certificate No.  
**1941**

