

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25235

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN

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, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 990' F/NL - 1100' F/WL  
 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)  
 2314.56

16. NO. OF ACRES IN LEASE  
 2314.56

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 5910'

19. PROPOSED DPTH  
 5910'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6363' GL

22. APPROX. DATE WORK WILL START\*  
 June 3, 1981

5. LEASE DESIGNATION AND SERIAL NO.  
 SF 079043

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

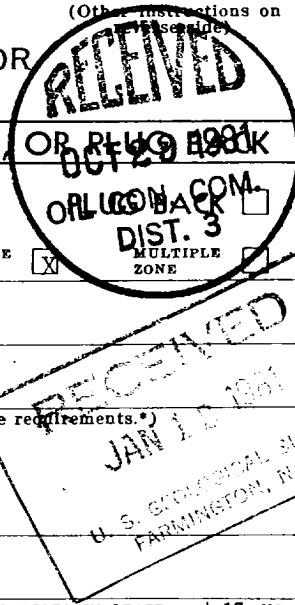
9. WELL NO.  
 53A

10. FIELD AND POOL, OR WILDCAT  
 Blanco Mesaverde

11. SEC. T., E., S., OR BLK. AND SURVEY OR AREA  
 D-28-31N-7W

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 New Mexico



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	3625' New	Cover the Ojo Alamo
6 1/4"	4 1/2"	10.50# K-55	3325'-5910' "	To top of liner

NTL-6

- (3) San Jose
- (6) Ojo Alamo 2165'; Kirtland 2340'; Lewis 3405'; Cliffhouse 4885'; Mancos 5700'.
- (7) Fruitland 2970'; Pictured Cliffs 3265'; Massive Cliffhouse 5230'; Menefee 5300'; Point Lookout 5560'.
- (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. De Lasso Loos TITLE District Manager DATE January 5, 1981

(This space for Federal or State office use)

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

APPROVED BY [Signature] TITLE Acting Dist. Super. DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

27

1189000

Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-85

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

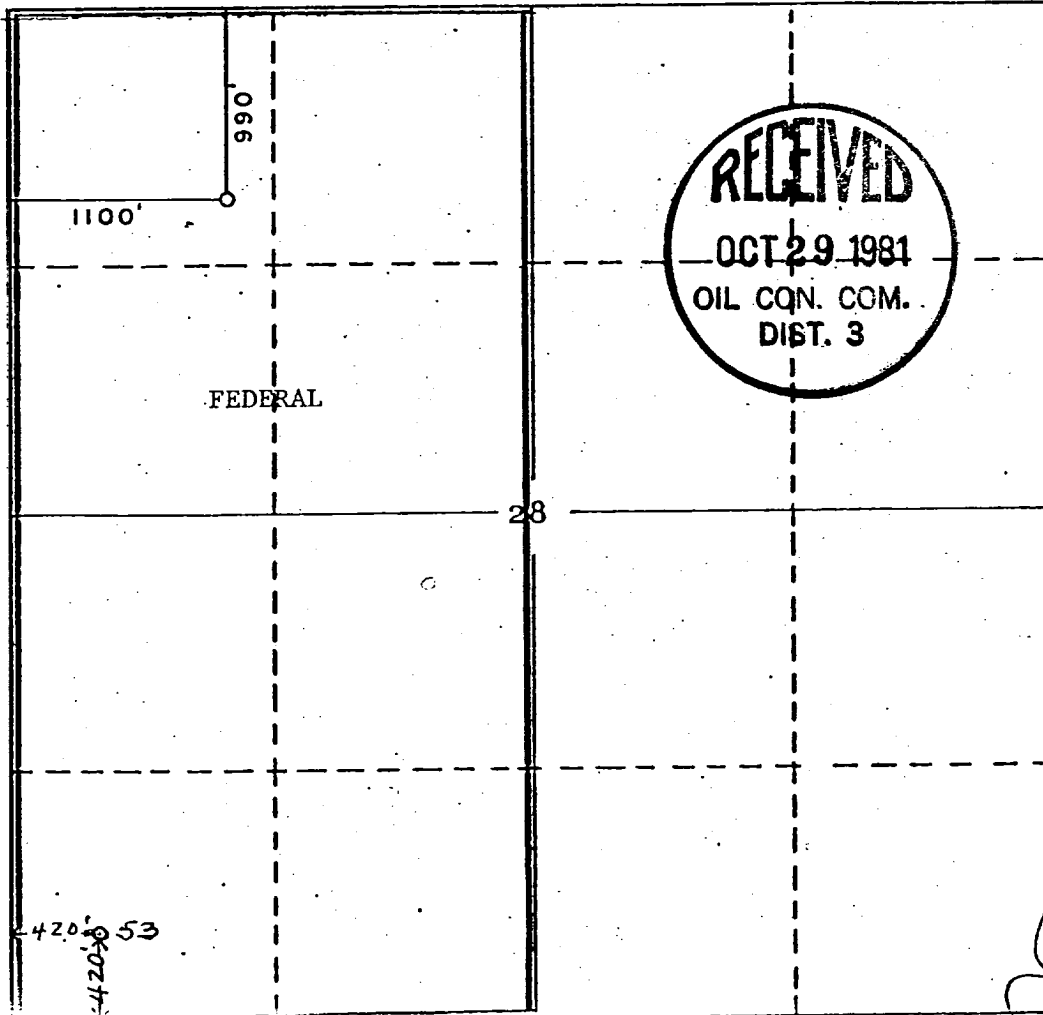
Operator <b>BLACKWOOD &amp; NICHOLS</b>		Lease <b>NORTHEAST BLANCO UNIT</b>		Well No. <b>53A</b>
Unit Letter <b>D</b>	Section <b>28</b>	Township <b>31 N.</b>	Range <b>7W., N.M.P.M.</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>990</b> feet from the <b>north</b> line and <b>1100</b> feet from the <b>west</b> line				
Ground Level Elev. <b>6363 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. Draeger*  
John A. Draeger, L.S.  
Certificate No.  
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