

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25360

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒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, Colorado 81301

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

At surface 430' F/SL - 1990' F/EL

At proposed prod. zone

Same

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

Fourteen 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 320.00

19. PROPOSED DEPTH

6060'

20. ROTARY OR CABLE TOOLS

Rotary

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

6464' GL

22. APPROX. DATE WORK WILL START*

March 29, 1982

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"	32.40# H-40	250' new	Circulate
8 3/4"	7"	23.00# K-55	3650' new	Cover Ojo Alamo
6 1/4"	4 1/2"	10.50# K-55	3450-6060' new	To top of liner

NTL-6

- (3) San Jose
- (6) Ojo Alamo 2320'; Kirtland 2650'; Lewis 3590'; Cliffhouse 4960'; Mancos 5800'.
- (7) Fruitland 3080'; Pictured Cliffs 3360'; Massive Cliffhouse 5270'; Menefee 5320'; Point Lookout 5610'.
- (9) 9 5/8" surface; 250 sacks Class B cement with 2% CaCl₂; circulate to surface. 7" intermediate; 200 sacks Lite cement with 1/4# flocele per sack followed with 100 sacks Class B cement with 2% CaCl₂ 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# Gilsomite 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 adequate kill and bleed off lines. Blowout preventer will be pressure tested after (over)

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 TITLE District Manager DATE January 15, 1982

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY
DRILLING CONDITIONS APPROVED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

TITLE _____

*See Instructions On Reverse Side

This space is for use by the
State or Federal office.

APPROVED
AS AMENDED

MAR 22 1982

For James E. [Signature]
DISTRICT ENGINEER

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.

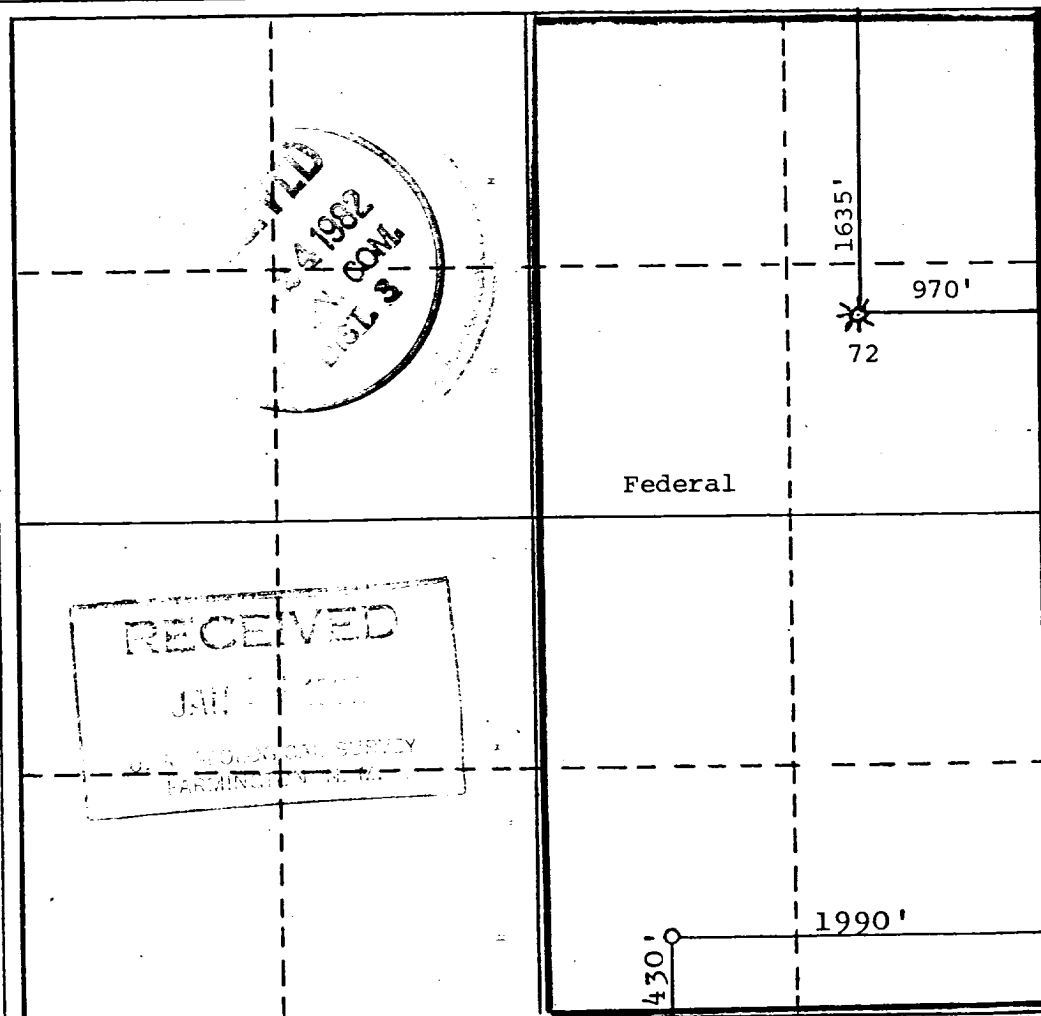
Operator BLACKWOOD & NICHOLS			Lease NORTHEAST BLANCO UNIT		Well No. 72A
Unit Letter 0	Section 29	Township 31 N.	Range 7W., N.M.P.M.	County SAN JUAN	
Actual Footage Location of Well 430 feet from the south line and 1990 feet from the east line					
Ground Level Elev: 6464 U.G.	Producing Formation Mesaverde		Pool Blanco-Mesaverde	Dedicated Acreage: E 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.

Name
DeLasso Loos
Position
District Manager
Company
Blackwood & Nichols Co., Ltd.
Date
January 4, 1982

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
Nov. 5, 1981
Registered Professional Engineer and/or Land Surveyor
John A. Kroeger, RLS
Certificate No.
1941

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

