

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25356

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

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

1650' F/SL - 1850' F/WL

At proposed prod. zone

Same

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

Fifteen miles

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

2560.00

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

19. PROPOSED DEPTH

6160'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

W 320.00

20. ROTARY OR CABLE TOOLS

Rotary

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

6509' GL

22. APPROX. DATE WORK WILL START*

April 21, 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	3645' new	Cover Ojo Alamo
6 1/4"	4 1/2"	10.50# K-55	3445'-6160' "	To top of liner

NTL-6

- (3) San Jose
- (6) Ojo Alamo 2360'; Kirtland 2530'; Lewis 3555'; Cliffhouse 5055'; Mancos 5835'.
- (7) Fruitland 3040'; Pictured Cliffs 3300'; Massive Cliffhouse 5330'; Menefee 5445'; Point Lookout 5710'.
- (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# 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 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

District Manager

DATE January 15, 1982

(This space for Federal or State office use)

PERMIT NO. _____

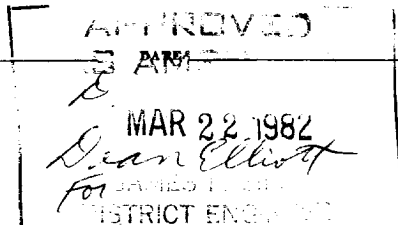
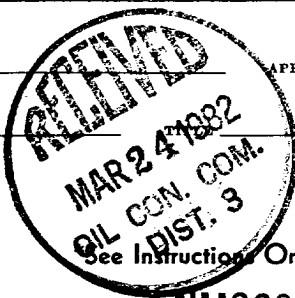
APPROVAL DATE _____

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

Gas dedicated

an 7r



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.

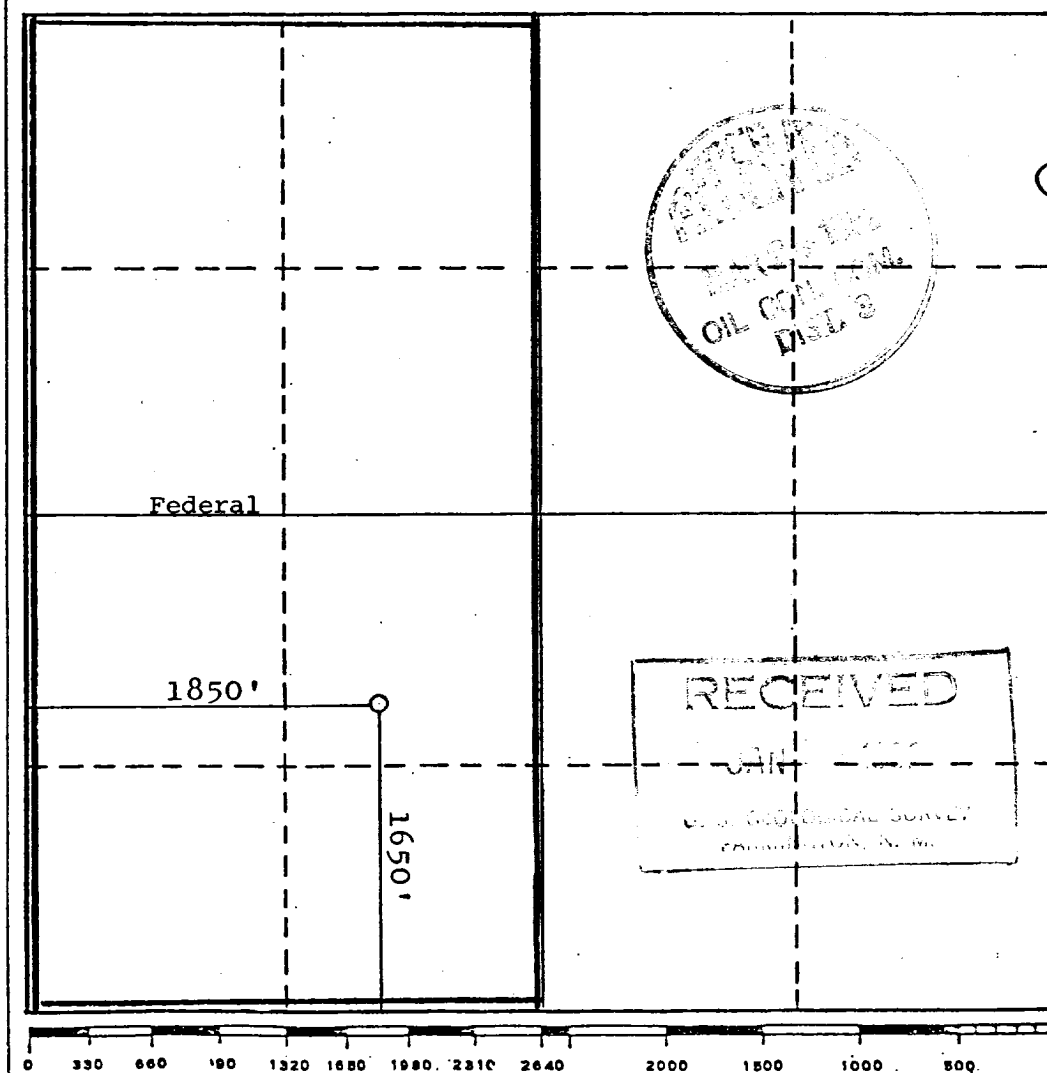
Operator BLACKWOOD & NICHOLS			Lease NORTHEAST BLANCO UNIT		Well No. 75
Unit Letter K	Section 22	Township 31 N.	Range 7W., N.M.P.M.	County SAN JUAN	
Actual Footage Location of Wells 1650 feet from the south line and 1850 feet from the west line					
Ground Level Elev. 6509 (U.G.)	Producing Formation Mesaverde	Pool Blanco-Mesaverde	Dedicated Acreage: W 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.

[Signature]
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

December 1, 1981

Registered Professional Engineer and/or Land Surveyor

[Signature]
Allison L. Kroeger, RLS

Certificate No.

7922

