

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25359

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 990' F/SL - 1650' F/EL

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

2314.56

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E 320.00

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

19. PROPOSED DEPTH

5975'

20. ROTARY OR CABLE TOOLS

Rotary

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

6379' GL

22. APPROX. DATE WORK WILL START*

May 19, 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	3565' "	Cover Ojo Alamo
6 1/4"	4 1/2"	10.50# K-55	3365'-5975' "	To top of liner

NTL-6

- (3) San Jose
- (6) Ojo Alamo 2235'; Kirtland 2565'; Lewis 3505'; Cliffhouse 4875'; Mancos 5715'.
- (7) Fruitland 2995'; Pictured Cliffs 3275'; Massive Cliffhouse 5185'; Menefee 5235'; Point Lookout 5525'.
- (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# floccle per sack followed with 100 sacks Class B cement with 2% CaCl₂ and 1/4# floccle/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# floccle 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.

SIGNED DeLasso LoosTITLE District ManagerDATE January 15, 1982

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

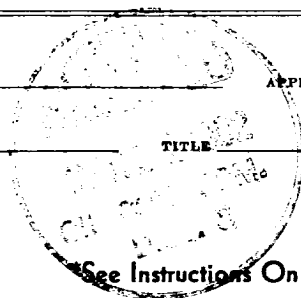
APPROVED BY _____

TITLE _____

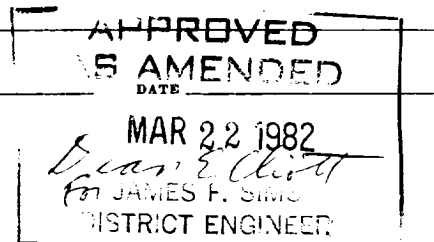
CONDITIONS OF APPROVAL, IF ANY:

Gas identified

m7



NMOCC



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR
Blackwood & Nichols Co., Ltd.

3. ADDRESS OF OPERATOR
P. O. Box 1237, Durango, CO 81301

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 990' F/SL - 1650' F/EL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Number change ☐

SUBSEQUENT REPORT OF:

☐
☐
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☐
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☒

RECEIVED

JAN 20 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE

SF 079043

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NEBU Agreement #1
Sec. 929

8. FARM OR LEASE NAME

Northeast Blanco Unit

9. WELL NO.

20A

10. FIELD OR WILDCAT NAME

Blanco Mesaverde

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

0-28-31N-7W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6379' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 7-28-54, the Northeast Blanco Unit Well No. 20 located 1190' F/NL - 1650' F/EL Sec. 28--31N-7W, San Juan County, New Mexico, was completed as a Mesaverde well and due to mechanical problems was plugged and abandoned on August 9, 1970. We request the Northeast Blanco Unit Well No. 79 be changed to the No. 20A.

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED D. Lassiter DEFENSE LOOS TITLE District Manager DATE January 20, 1982

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

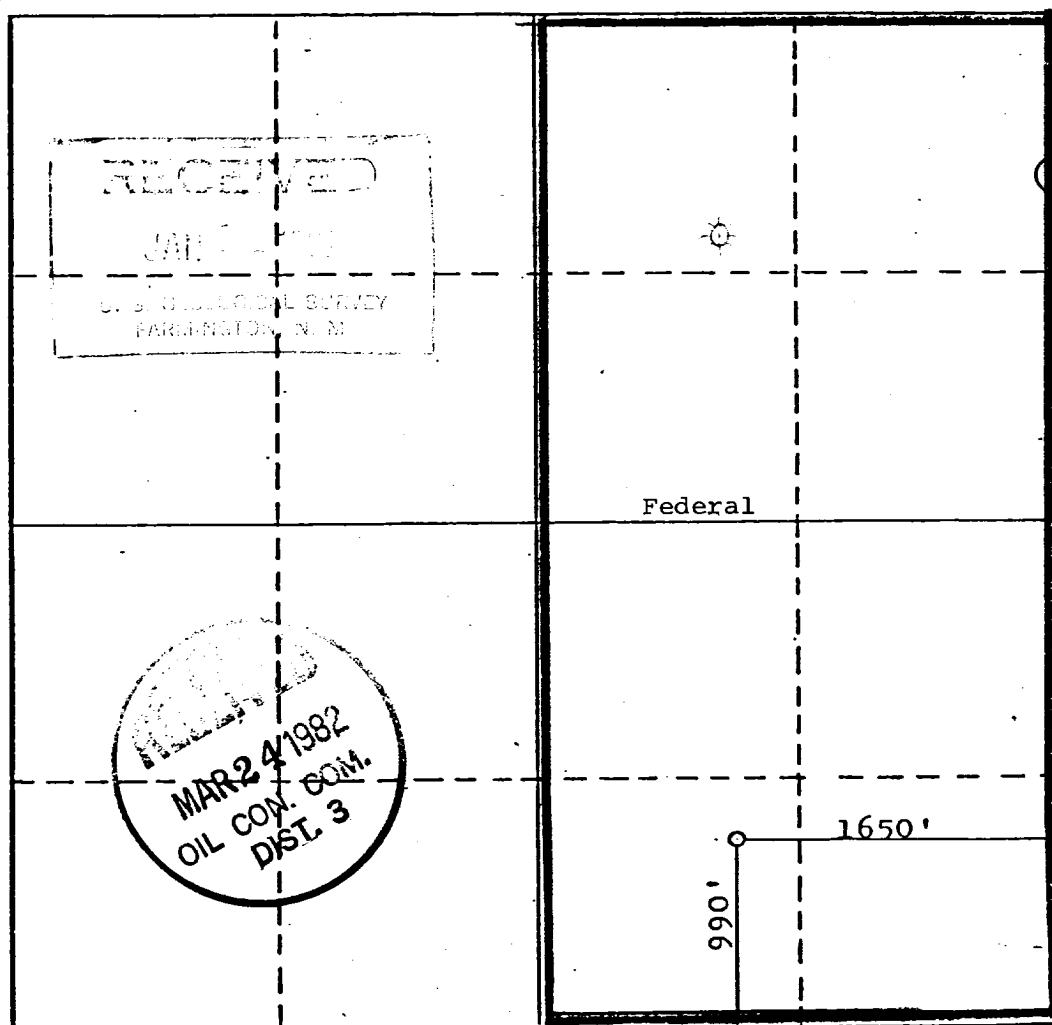
NMOCC

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. 79 20A
Unit Letter 0	Section 28	Township 31 N.	Range 7W., N.M.P.	County M. SAN JUAN	
Actual Footage Location of Well: 990 feet from the south line and 1650 feet from the east line					
Ground Level Elev: 6379 U.G.	Producing Formation Mesaverde	Pool Blanco-Mesaverde	Dedicated Acreage: E 320 Acres		
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation <u>Unitization</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>					



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
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
John A. Kroeger, RLS
Certificate No.
1941

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 500 0

