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NEW MEXICO OIL CONSERVATION COMMISSION

30-039-21748
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-178-1	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	
Blackwood & Nichols Co., Ltd.	
3. Address of Operator	
P. O. Box 1237, Durango, Colorado 81301	
4. Location of Well	
UNIT LETTER <u>D</u> LOCATED <u>250</u> FEET FROM THE <u>N</u> LINE	
AND <u>1060</u> FEET FROM THE <u>W</u> LINE OF SEC. <u>16</u> TWP. <u>30N</u> RGE. <u>7W</u> NMPM	
7. Unit Agreement Name	
Northeast Blanco Unit	
8. Farm or Lease Name	
Northeast Blanco Unit	
9. Well No.	
10A	
10. Field and Pool, or Wildcat	
Blanco Mesaverde	
12. County	
Rio Arriba	
19. Proposed Depth	
5850'	
19A. Formation	
Mesaverde	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DT, RT, etc.)	
6217' GL	
21A. Kind & Status Plug. Bond	
21B. Drilling Contractor	
Four Corners Drilling Co.	
22. Approx. Date Work will start	
July 22, 1978	

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.00#	250'	250	Circulate
8-3/4"	7"	23.00#	3490'	300	1800'
6-1/4"	4-1/2"	10.50#	5890'	300	3290'

We propose to perforate the Mesaverde Zone and sand-water fracture with 200,000 gals water and 200,000 lbs sand in two stages. Estimated tops: Fruitland 2905', Lewis 3365' Cliffhouse 5015', Point Lookout 5350' and Mancos 5460'. A 3000 PSI WP; 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. A mud of sufficient weight to control the Fruitland will be used; well to be drilled with gas below 7" casing.

Compensated Density Gamma-neutron logs will be run in open hole.

Blow-out preventers will be tested every trip.

gas dedicated

EXPIRES 7-24-78

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed DeLasso Loos Title District Manager Date 4-11-78

(This space for State Use)

APPROVED BY Frank S. Davey TITLE DEPUTY OIL & GAS INSPECTOR, NM DATE 4-11-78

CONDITIONS OF APPROVAL, IF ANY:

Subject to approval of

**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.

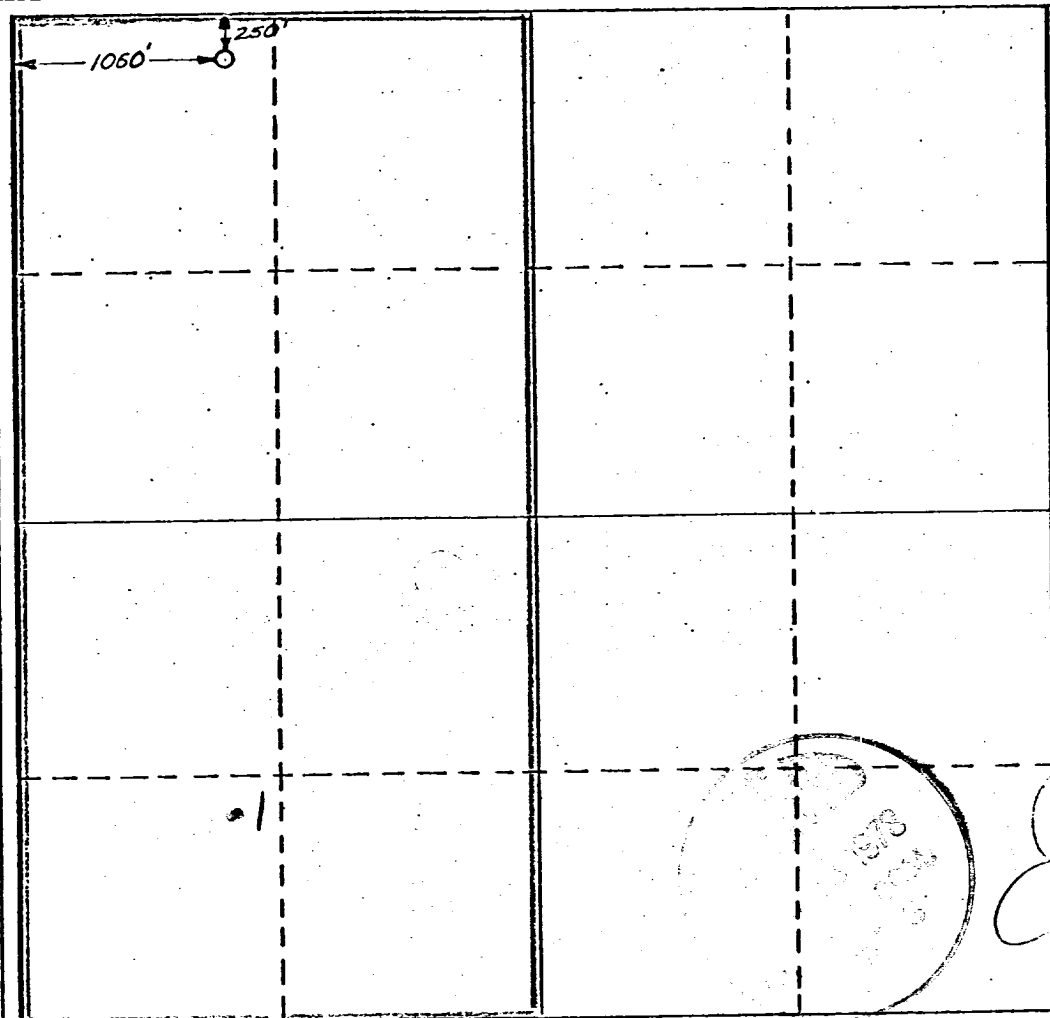
Operator BLACKWOOD & NICHOLS			Lease NORTHEAST BLANCO UNIT		Well No. 10-A
Unit Letter D	Section 16	Township 30 N.	Range 7W., N.M.P.M.	County RIO ARRIBA	
Actual Footage Location of Well: 250 feet from the north line and 1060 feet from the west line					
Ground Level Elev: 6217 UG	Producing Formation Mesaverde	Pool Blanco-Mesaverde		Dedicated Acreage: 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.

DeLasso Loos

Name DeLasso Loos
Position District Manager
Company Blackwood & Nichols Co., Ltd.
Date 4-11-78

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.

December 14, 1977

Date Surveyed <i>John A. Kroeger</i>
Registered Professional Engineer and/or Land Surveyor John A. Kroeger, L.S.
Cert. No. 1941
Certificate No.

