

NEW MEXICO OIL CONSERVATION COMMISSION

APPROVAL VALID
FOR 90 DAYS UNLESS
(DRILLING COMMENCED)

EXPIRES 5-3-78

30-045-22924
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-292-9	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Northeast Blanco Unit Agreement #1, Sec. 929	
2. Name of Operator		8. Farm or Lease Name	
Blackwood & Nichols Co., Ltd.		Northeast Blanco Unit	
3. Address of Operator		9. Well No.	
P.O. Box 1237, Durango, Colorado 81301		40 A	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER <u>P</u> LOCATED <u>1080</u> FEET FROM THE <u>South</u> LINE AND <u>1190</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>31N</u> RGE. <u>8W</u> NMPM		Blanco Mesaverde	
		12. County	
		San Juan	
		19. Proposed Depth	
		6030'	
		19A. Formation	
		Mesaverde	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
6415 GL		Four Corners Drilling Co.	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
		April 3, 1978	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4"	9-5/8"	32.00#	250'	200	Circulate
8-3/4"	7"	23.00#	3610'	325	2000'
6-1/4"	4-1/2"	10.50#	6030'	325	3400'

We propose to perforate the Mesaverde Zone and sand-water fracture with 200,000 gals. water and 200,000 lbs. sand in two stages.

A 3000 PSI WP; Series 10" - 900 - adapted to Series 10" - 600 hydraulic blowout preventer equipped with blind and necessary pipe rams, with adequate kill and bleed off lines.

A mud of sufficient weight to control the Fruitland formation 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 is dedicated

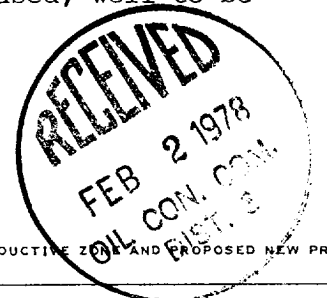
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed DeLasso Loos Title District Manager Date 1-30-78

(This space for State Use)

APPROVED BY DR Kendrick TITLE SUPERVISOR DIST. #3 DATE 5-1-68
CONDITIONS OF APPROVAL, IF ANY:



**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.

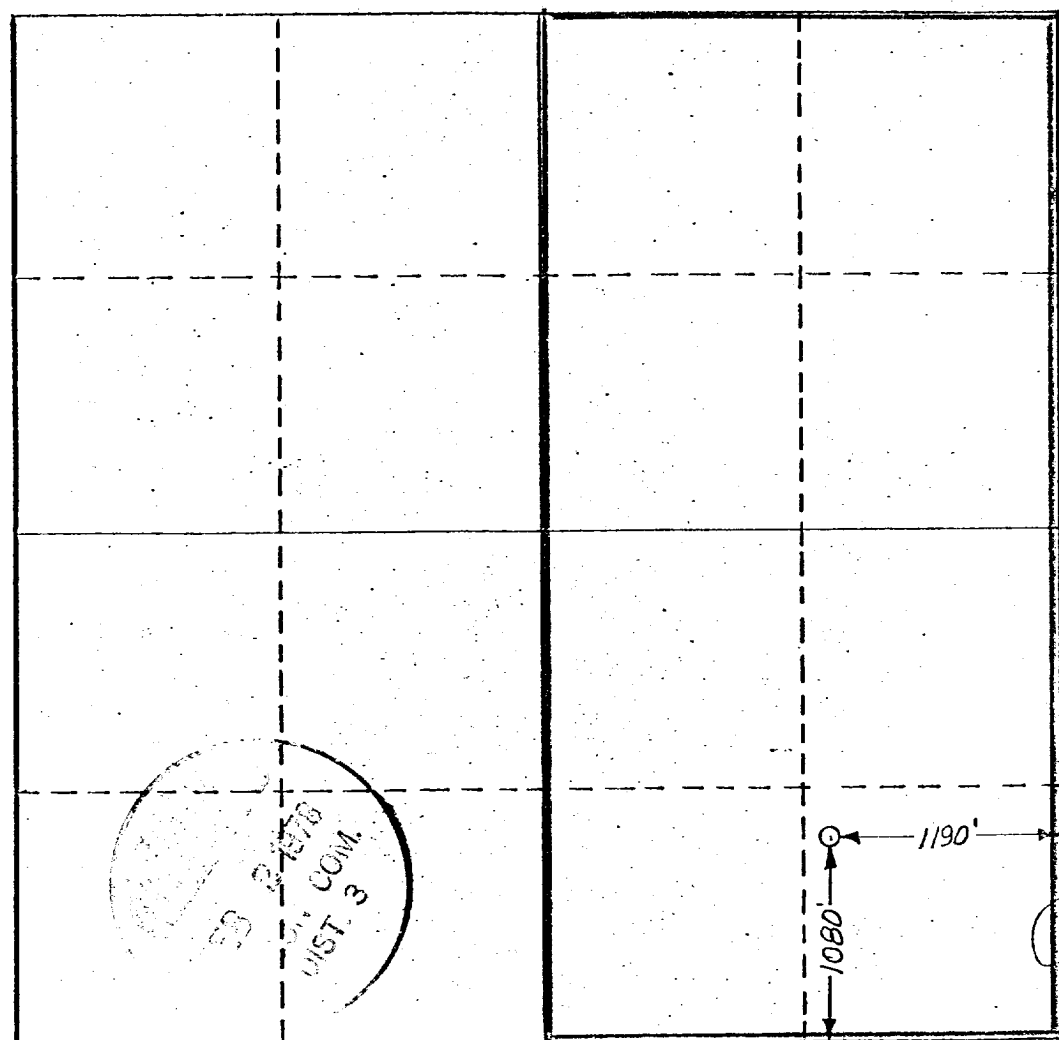
Operator BLACKWOOD & NICHOLS			Lease NORTHEAST BLANCO UNIT		Well No. 40-A
Unit Letter P	Section 36	Township 31 N.	Range 8W., N.M.P.M.	County SAN JUAN	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1080 feet from the south line and 1190 feet from the east line </div>					
Ground Level Elev: 6415 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 L. DeLasso
Name

District Manager

Position

Blackwood & Nichols Co., Ltd.

Company

1-30-78

Date

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.

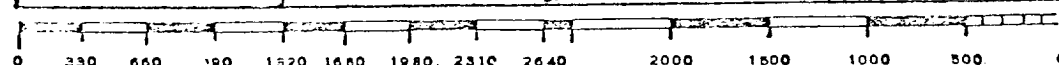
John A. Kroeger
December 8, 1977

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

John A. Kroeger, L.S.
Cert. No. 1941

Certificate No.



BLACKWOOD & NICHOLS Co., LTD.

P. O. BOX 1237

DURANGO, COLORADO 81301

(303) 247-0728

March 13, 1978

New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Northeast Blanco Unit No. 40A
P-36-31-8
San Juan County, New Mexico

Gentlemen:

This is to certify the following deviation tests were run while drilling
the above well:

245' - 1/4°	3357' - 1°
745' - 3/4°	3585' - 3/4°
1245' - 1°	4110' - 1/2°
1562' - 1-1/4°	4620' - 3/4°
2108' - 1/2°	5127' - 1°
2481' - 3/4°	5700' - 1°
2990' - 1°	TD 6075' - 1°



Yours very truly,

BLACKWOOD & NICHOLS CO., LTD.

O. B. Whitenburg
O. B. Whitenburg
Drilling Engineer

OBW:lr

County of: La Plata

State of: Colorado

Signature *Julie Hall*

My Commission Expires July 22, 1980

Notary Public

Date 3/13/78