

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-045-23601  
5. LEASE DESIGNATION AND SERIAL NO.

NM03358

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Northeast Blanco Unit  
Agrmt. No. 1, Sec. 9298. FARM OR LEASE NAME  
Northeast Blanco Unit9. WELL NO.  
20510. FIELD AND POOL, OR WILDCAT  
South Los Pinos PC ext11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
P-10-31N-7W12. COUNTY OR PARISH  
San Juan Co.13. STATE  
New Mexico

## 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 &amp; 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

P 1180' F/SL - 925' F/EL

At proposed prod. zone

Same

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

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  
2396.7717. NO. OF ACRES ASSIGNED  
TO THIS WELL  
16018. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.19. PROPOSED DEPTH  
3735'20. ROTARY OR CABLE TOOLS  
Rotary

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

6560' GL

22. APPROX. DATE WORK WILL START\*

July 1, 1978

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36.00#	250'	Circulate
7 7/8"	4 1/2"	10.50#	3735'	Cement to 2000'

We propose to perforate the Pictured Cliffs-Fruitland Zones and foam fracture with 30,000 gallons water and 140,000 lbs. sand in one stage. Fruitland 3190', Pictured Cliffs 3445', Lewis 3580'; 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 will be used.

A mud of sufficient weight to control the Fruitland Formation will be used. Blow out preventers will be tested every trip.

*eye is checked*

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 Loos* DeLasso Loos

TITLE District Manager

DATE June 4, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*ok*

\*See Instructions On Reverse Side

**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 <b>BLACKWOOD &amp; NICHOLS</b>		Lease <b>NORTHEAST BLANCO UNIT</b>		Well No. <b>205</b>
Unit Letter <b>P</b>	Section <b>10</b>	Township <b>31 N.</b>	Range <b>7W., N.M.P.N.</b>	County <b>San Juan</b>

Actual Footage Location of Well:

**1180** feet from the **south** line and **925** feet from the **east** line

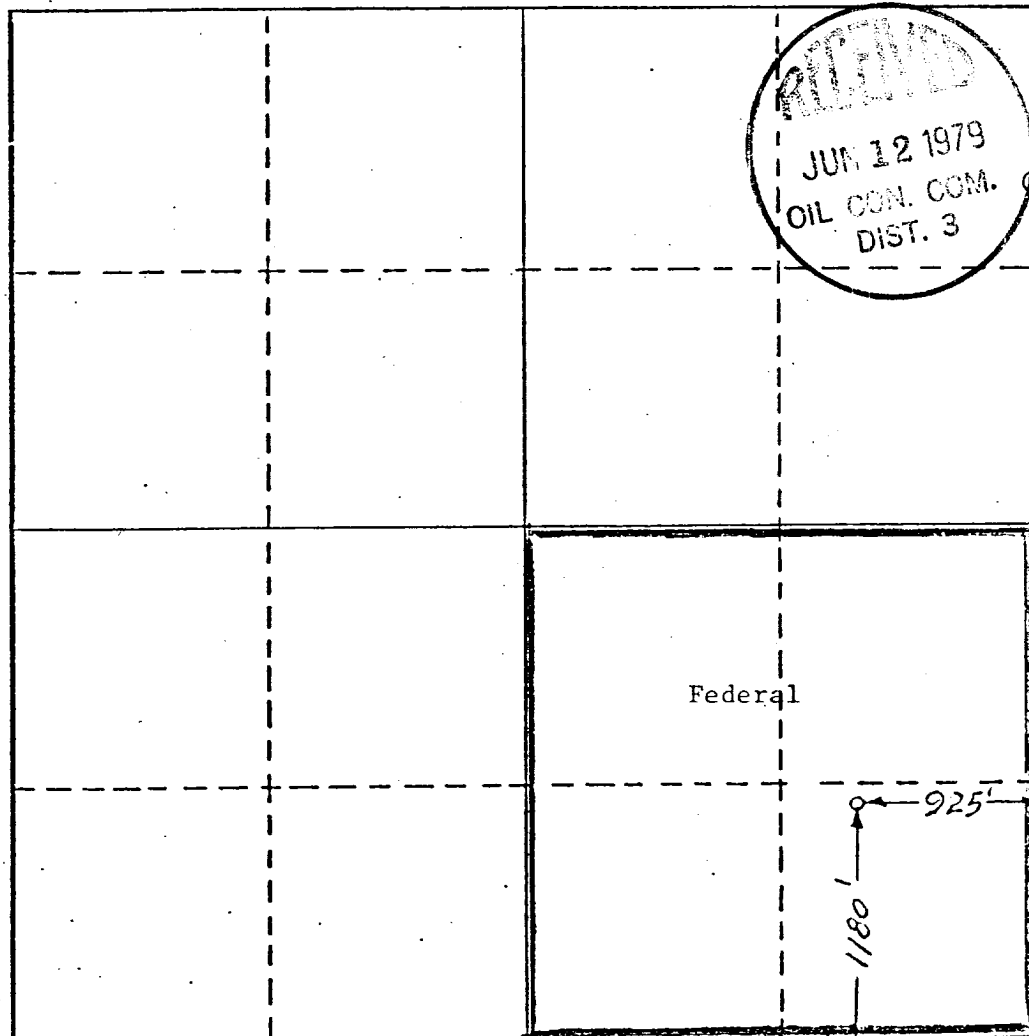
Ground Level Elev: <b>6560 UG</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>South Los Pinos Fruit - Pictured Cliffs ext</b>	Dedicated Acreage: <b>160</b> Acres
--------------------------------------	---	--	--

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 June 1, 1979

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 May 31, 1979  
 Registered Professional Engineer and of Land Surveyor  
John A. Broeger, RLS  
 Certificate No. 1941

0 350 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200 4500 4800 5100 5400 5700 6000

**BLACKWOOD & NICHOLS Co., LTD.**

P. O. BOX 1237

DURANGO, COLORADO 81301

(303) 247-0728

June 4, 1979

United States Geological Survey  
Federal Building  
701 Camino Del Rio  
Durango, Colorado 81301

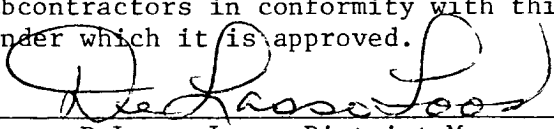
Gentlemen:

Blackwood & Nichols Co., Ltd., as operator of the Northeast Blanco Unit, proposes to drill the Northeast Blanco Unit Well No. 205 as a Pictured Cliffs-Fruitland well located in the SE/4, Sec. 10-31N-7W, San Juan County, New Mexico. The well will be completed in the Pictured Cliffs-Fruitland Zones.

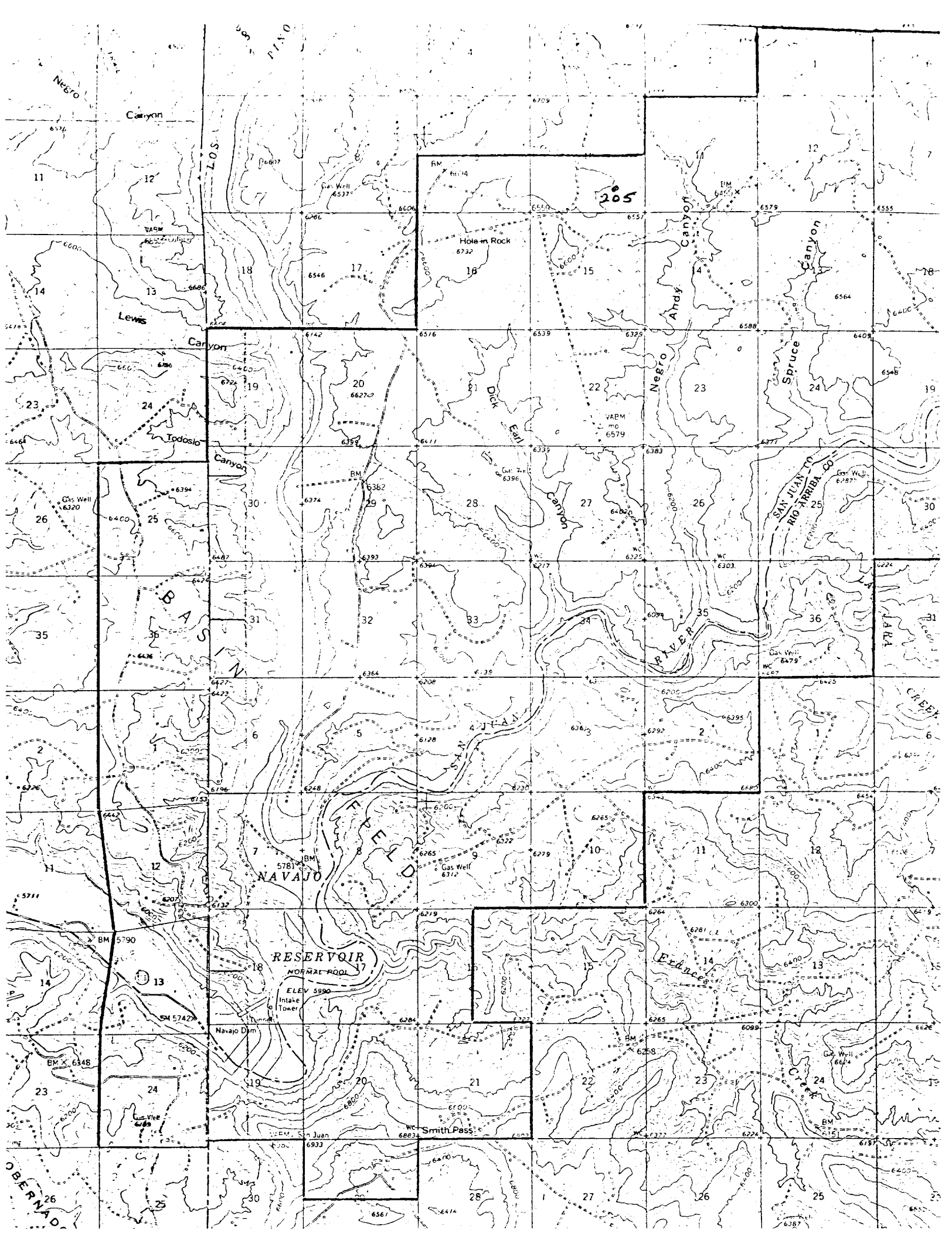
Attached are maps and other data pertinent to the Development Plan for Surface Use.

- I. Existing roads; See attached U.S.G.S. topographic map.
- II, III, IV, VI and IX: See attached maps.
- V. Water will be hauled by truck transport from the Navajo Lake, approximately four miles southwest of the location.
- VII. Waste material will be placed in a reserve pit and later buried or burned.
- VIII. Camp or airstrip will not be necessary.
- IX. See attached map of well site layout. (Not to scale)
- X. Upon completion the location will be leveled to its original state. The access road will remain. The location will be seeded, as per the Bureau of Land Management requirements.
- XI. The location is relatively level and covered with Cedar and Pinon trees which will be disposed of as per the Bureau of Land Management requirements, an archaeological clearance will be obtained.
- XII. DeLasso Loos, 1032½ Main Street, Durango, Colorado 81301; Telephones: Office: 303-247-0728; Home: 303-247-2345.
- XIII. I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statement made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Blackwood & Nichols Co., Ltd., and its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

Date June 4, 1979

  
DeLasso Loos, District Manager

DL:lr  
Attachments



Blackwood & Nichols Co., Ltd.  
Northeast Blanco Unit No. 205  
1180' F/SL - 925' F/EL P-10-31N-7W  
San Juan County, New Mexico

