

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-22564  
5. LEASE DESIGNATION AND SERIAL NO.

SF079060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Northeast Blanco Unit  
Agreement No. 1, Sec. 929

8. FARM OR LEASE NAME  
Northeast Blanco Unit

9. WELL NO.  
24R

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesaverde

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

0-17-30N-7W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

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

760' F/SL - 2240' 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)

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

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

6269' GL

16. NO. OF ACRES IN LEASE

2236.44

19. PROPOSED DEPTH

5860'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

April 10, 1980

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
8 3/4"	7"	23.00#	3530'	Cement to 1800'
6 1/4"	4 1/2" Liner	10.50#	5860'	Circulate to top of liner

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 2990', Lewis 3380', Cliffhouse 5020', Point Lookout 5410', Mancos 5540'. 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. 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.

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* SIGNED *DeLasso Loos* TITLE *District Manager* DATE *January 22, 1980*

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

*James H. Smith*

DURANGO COPY  
ok 3  
\*See Instructions On Reverse Side

NSL-1152

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.

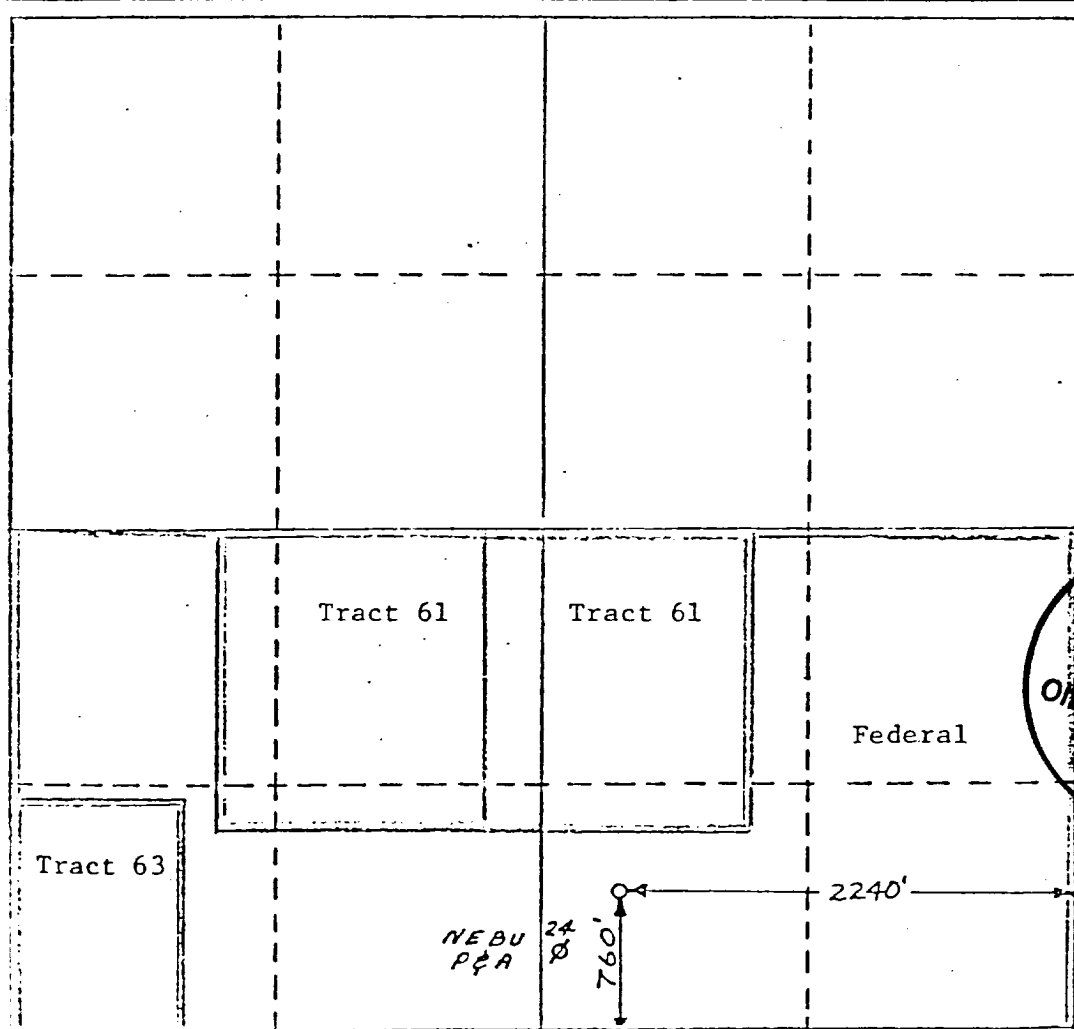
Operator <b>BLACKWOOD &amp; NICHOLS</b>			Lease <b>NORTHEAST BLANCO UNIT</b>		Well No. <b>24-R</b>
Unit Letter <b>0</b>	Section <b>17</b>	Township <b>30 N.</b>	Range <b>7W.N.M.P.M.</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>760</b> feet from the <b>south</b> line and <b>2240</b> feet from the <b>east</b> line					
Ground Level Elev. <b>6269 U.G.</b>	Producing Formation <b>Mesaverde</b>		Pool <b>Blanco-Mesaverde</b>		Dedicated Acreage: <b>320</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.

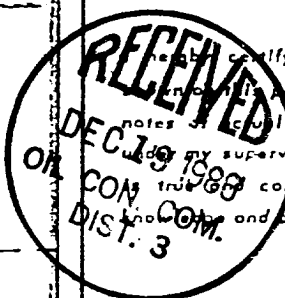
DeLasso Loos

Name De Lasso Loos

Position District Manager

Company Blackwood & Nichols Co. Ltd.

Date January 21, 1980



I hereby certify that the well location and depth was plotted from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed Nov. 30, 1979

Registered Professional Engineer and/or Land Surveyor

John A. Kroeger, RLS

Certificate No. 1941

UNITED STATES  
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## 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 ☐ gas ☒ other ☐
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. See space 17 below.)  
AT SURFACE: 760' F/SL - 2240' 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:

## SUBSEQUENT REPORT OF:

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

(other) To comply with NTL-6

5. LEASE  
NM013706-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME  
NEBU Agreement No. 1, Sec. 929
8. FARM OR LEASE NAME  
Northeast Blanco Unit
9. WELL NO.  
24R
10. FIELD OR WILDCAT NAME  
Blanco-Mesaverde
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
0-17-30N-7W
12. COUNTY ~~OF~~ 13. STATE  
Rio Arriba NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6269' 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.)\*

(3) San Jose Formation.

(6) Top/Ojo Alamo 2060'; Top/Kirtland 2200'.

(8) 9 5/8" - 36.00# - H-40-New; 7" - 23.00# - K-55 - New; 4 1/2" - 10.50# - K-55 - New.

(10) See attached schematic diagram: A 3000 PSI WP series 10" - 900 adapted to series 10" - 600 & 6" - 600 hydraulic blowout preventer equipped with blind and all necessary pipe rams will be used including a rotating blowout preventer. Blowout preventer will be pressure tested after each string of casing is run and tested for operating condition on every trip.

(12) Compensated Density-Neutron logs will be run in open hole. No testing or coring will occur.

(13) Normal Fruitland field pressures are anticipated and will be controlled with weighted mud. No hydrogen sulfide gas is anticipated. The 9 5/8" surface casing to be cemented with sufficient cement with 2% CaCl<sub>2</sub> and 1/4# flocele per sack

Subsurface Safety Valve: Manu. and Type Set @ Ft. (over)

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

SIGNED DeLasso Loos TITLE District Manager DATE April 7, 1980

(This space for Federal or State office use)

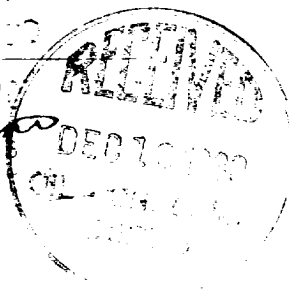
APPROVED BY

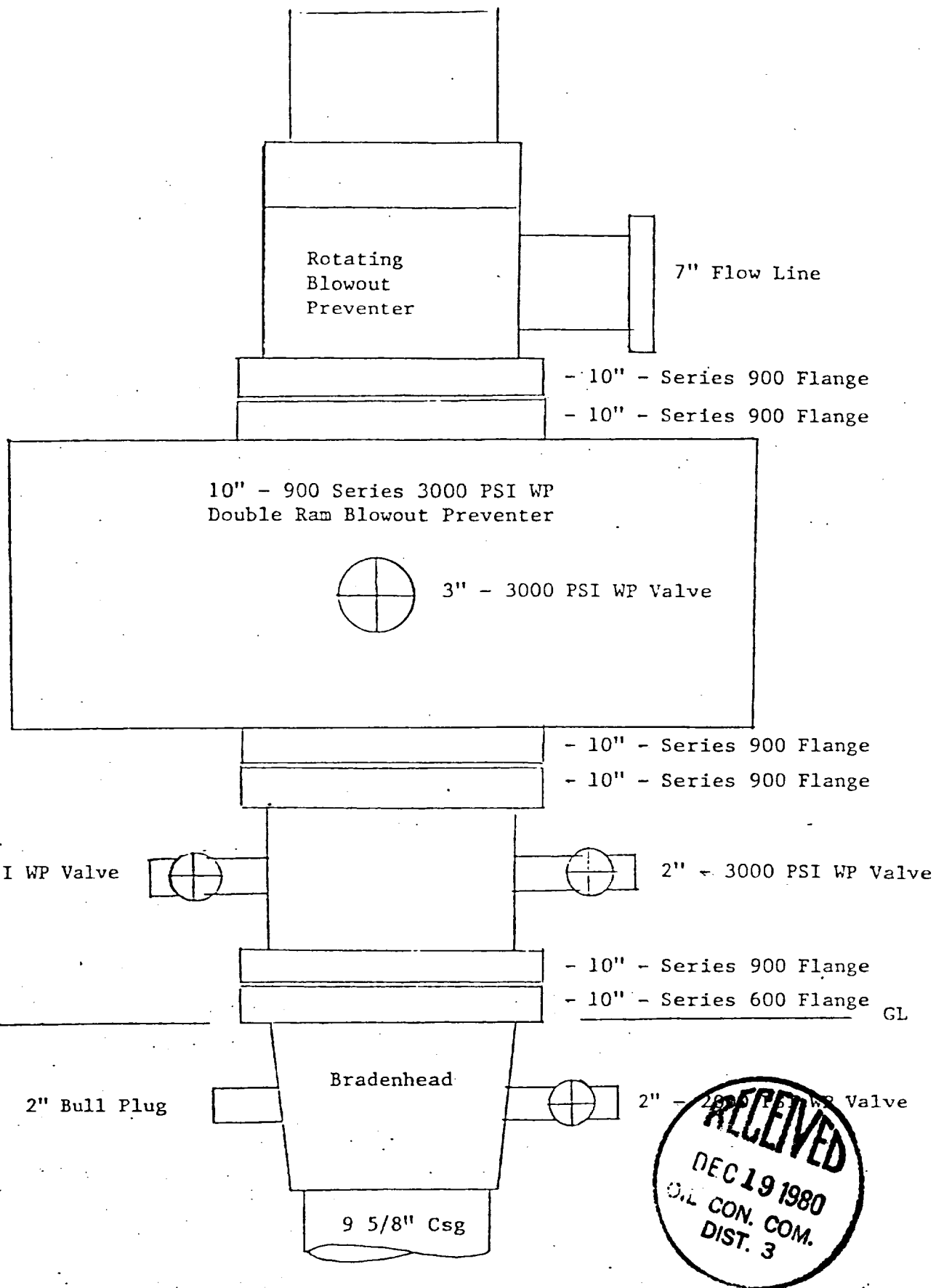
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side





Not to scale