

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078615

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Northeast Blanco Unit

Agmt. No. 1, Sec. 929

8. FARM OR LEASE NAME

Northeast Blanco Unit

9. WELL NO.

103A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR B.L.K. AND  
SURVEY OR AREA

Sec. 24, T30N, R8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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 "APPLICATION FOR PERMIT—" 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, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1700' F/NL & 790' F/WL

14. PERMIT NO.

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

6340' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Surface Casing

REPAIRING WELL

ALTERING CASING

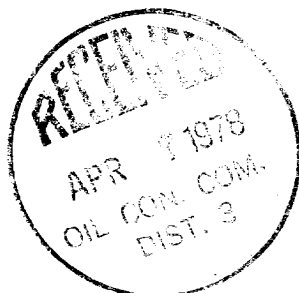
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

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.)\*

4-1-78 Moving on location and rigging up. Spudded 12-1/4" surface hole at 5:00 P.M.

4-2-78 Drilled 12-1/4" hole to 271' KB; Ran 5 jts (208') 9-5/8" H-40 ST&C Rge 3 Csg and set at 222' KB, cemented with 150 sacks Class "B" with 2% CaCl<sub>2</sub> and 1/4# Flocele per sack. Cement circulated, plug down @ 2:00 A.M. W.O.C. and nipple up; twelve hours - test casing to 800 PSI - 1/2 hour, O.K.



RECEIVED

APR 4 1978

U.S. GEOLOGICAL SURVEY

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

SIGNED B. Whitenburg O.B. Whitenburg TITLE Drilling Supervisor

DATE 4-3-78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

DATE

\*See Instructions on Reverse Side

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

P. O. BOX 1237  
DURANGO, COLORADO 81301

(303) 247-0728

April 6, 1978

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

Re: Northeast Blanco Unit No. 103A  
E-24-30N-8W  
San Juan County, New Mexico

Gentlemen:

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

3/4" @ 271'	1" @ 2425'	1" @ 4836'
1" @ 720'	1" @ 2925'	1" @ 5375'
3/4" @ 1233'	3/4" @ 3470'	1" @ 6000' TD
1/2" @ 1759'	1" @ 4303'	

Very truly yours,

BLACKWOOD & NICHOLS CO., LTD.

*O. B. Whitenburg*

O. B. Whitenburg  
Drilling Supervisor

DL:lr

County of: La Plata Signature

State of: Colorado

*Billy Hall* 4/6/78  
My Commission Expires July 10, 1979

Notary Public

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SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Northeast Blanco Unit	
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.		8. FARM OR LEASE NAME Northeast Blanco Unit	
3. ADDRESS OF OPERATOR P. O. Box 1237, Durango, Colorado 81301		9. WELL NO. 103A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1700' F/NL - 790' F/WL		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
14. PERMIT NO.		11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA Sec. 24, T30N, R8W	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6340' GL		12. COUNTY OR PARISH San Juan	
		13. STATE New Mexico	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Case and Cement ☒

REPAIRING WELL ☐

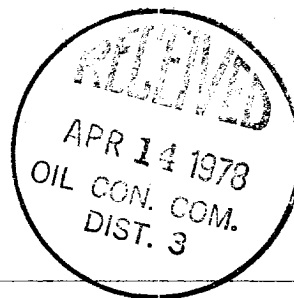
ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

- 4-5-78 Drill 8-3/8" hole to 3470' KB. Ran Induction Electric, FDC and SNP logs.
- 4-6-78 Ran 88 Jts (3458') 7" 23# K-55 ST&C Rge 3 Casing and set at 3470' KB. Cemented with 200 sacks Howco Lite with 1/4# Flocele/sk and 100 sacks Class "B" with 2% CaCl<sub>2</sub> and 1/4# Flocele/sack. Good circulation while cementing; plug down at 9:00 A.M.
- 4-8-78 Drilled 6-1/4" hole to 6000' KB; ran Induction Gamma Ray, FDC and SNP logs.
- 4-9-78 Ran 83 jts (2728') 4-1/2" 10.50# K-55 ST&C Rge 2 liner and set at 6000' KB; Float collar at 5966', top of liner at 3272' KB; Cemented with 300 sacks 50-50 Poz with 2% gel, 0.6% FLA, 1/4# Flocele/sack and 6-1/4# Gilsonite/sa; plug down at 9:30 A.M. Set pack off and reversed out 15 bbls cement.  
Waiting on completion rig.



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

SIGNED G.B. Whitenburg TITLE Drilling Supervisor

DATE 4-12-78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DATE

APR 13 1978

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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See also space 17 below.)  
At surface

1700 F/NL - 790' F/WL

14. PERMIT NO.

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6340' GL

7. UNIT AGREEMENT NAME  
Northeast Blanco Unit

8. FARM OR LEASE NAME  
Agreement No. 1, Sec. 929

Northeast Blanco Unit

9. WELL NO.

103A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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SURVEY OR AREA

E-24-3CN-8W

12. COUNTY OR PARISH

San Juan New Mexico

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SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

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SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

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On 4-19-78 perforated the Point Lookout Zone with four shots per foot per interval; 5422', 5442', 5468', 5478', 5500', 5510', 5520', 5530', 5590', 5620', 5686'. Sand-water fractured with 90,000 gals water and 80,000 lbs of No. 20-40 sand. Average treating pressure 700 PSI, average injection rate 56 bbls/min. Set drillable bridge plug at 5380'.

On 4-20-78 perforated Cliffhouse and Menefee Zones with four shots per foot per interval 5022', 5038', 5074', 5084', 5118', 5202', 5210', 5302', 5320', and 5350'. Sand-water fractured with 80,000 gals water and 70,000 lbs of No. 20-40 sand. Average treating pressure 1000 PSI; average injection rate 57 bbls/min.

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

SIGNED DeLasso Loos TITLE District Manager

DATE 4-26-78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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APR 27 1978

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.