

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Budget Bureau No. 1004-0135
Expires August 31, 1985

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 079043
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1237, Durango, Colorado 81302		7. UNIT AGREEMENT NAME NEBU Agreement No. I, Sec. 929
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1690' F/NL, 1190' F/EL		8. FARM OR LEASE NAME Northeast Blanco Unit
14. PERMIT NO. 30-039-24213		9. WELL NO. 403
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6307' UG		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA H-9-30N-7W
		12. COUNTY OR PARISH Rio Arriba
		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	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANE	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Completion	<input checked="" type="checkbox"/>		

(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.)*

7" 23# N-80 casing, set at 3496' - PBDT 3447'. Ran GR, CBL, CCL, VBC (9-13-88) 3439'-2000'. ~~Top cement by CBL 2712.~~ PT casing 15" @5000 psi. Ok. Perforated 3159'-3186' with 4 bullets/ft. Fraced well as follows:

(See next page)

RECEIVED
BLY MAIL ROOM
89 MAR 21 PM 1:35
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

RECEIVED
APR 0 1989
BLY DIV
BLY, N.M.

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

SIGNED W. F. Clark
William F. Clark

TITLE Operations Manager

DATE March 14, 1989

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

MMOCG

*See Instructions on Reverse Side

BY _____

<u>Stage</u>	<u>Rate</u>	<u>Pressure</u>	<u>Volume</u>	<u>Sand</u>
1	54	2550	24,000	0
2	54	2570	1,000	1 ppg - 40/70
3	54	2450	3,000	2 ppg - 40/70
4	53	2390	4,000	3 ppg - 40/70
5	53	2390	3,000	2 ppg - 12/20
6	54	2350	5,000	3 ppg - 12/20
7	54	2190	7,000	4 ppg - 12/20
8	54	2160 to 2050	13,000	5 to 10
Flush	54	2030	5,000	0

ISIP - 2060, Shut In pressures at 5 minutes - 1770 psig, 10 minutes - 1680 psig, 15 minutes - 1620 psig. Shut in BOP rams. Rigged down. Job complete at 1 p.m. 9-23-88.

Treatment Summary: Averaged 54 BPM at 2200 psig; Maximum - 3400 at 54 BPM, Minimum - 2030 at 54 BPM. Used 65,000 gallons of 30# X link borate gel and 19,000# of 40/70 sand and 180,000# of 12/20 Arizona sand. Good Job.

Perforated with 4 SPF: 3077'-3083', 3018'-3058', 2992'-2996', 2974'-2978'. Fraced as follows:

<u>Pressure</u> (psig)	<u>Rate</u> (BPM)	<u>Volume</u> (Gals.)	<u>Sand</u> (ppg)	<u>Sand</u> (lbs)
2500	62	38,000	-0-	
2730	60	3,500	40/70 @1	3,000
2720	61	6,000	@2	12,000
2710	61	3,000	@3	8,000
		<u>50,500</u>	40/70	<u>23,000</u>
2680	61	5,000	12/20 @3	15,000
2780	60	11,000	@4	44,000
2900	60	7,000	@5	35,000
3100	60	5,000	@6	30,000
3200	60	5,000	@7	35,000
3240	60	3,500	@8	28,000
3180	60	3,000	@9	27,000
3050	60	4,500	@10	46,000
		<u>44,000</u>	12/20	<u>260,000</u>
		<u>94,500</u>		
3250	60	4,500	Flush	
		<u>99,000</u>		

Treatment Summary: Averaged 2700 psig at 61 BPM; maximum 3300 psig at 60 BPM, minimum 2000 psig at 62 BPM. ISIP - 2700 psig. Shut in pressures: 5 minutes - 2300, 10 minutes - 2150, 15 minutes - 1900 psig. Used 99,000 gallons of 30 lb. X-link borate gel and 23,000# 40/70 sand and 260,000# 12/20 Arizona sand. Total dirty volume - 2,632 bbls., sand volume - 303 bbls.; clean volume - 2,329 bbls, tank strap volume - 2,341 bbls. Good job, positive slope on Nolte plot. Job completed 12:30, 10-3-88. Shut well in overnight.

Completion Sundry
Well No. 403
Page 3

Ran in hole with tap bull plug; two 6', 2 7/8", J-55, perforated subs; 2 7/8" seating nipple; side pocket mandrel and 107 jts. of 2 7/8", J-55, 6.4#/ft. tubing. 1/2" tap bull plug at 3300'; bottom 6' perforated sub from 3263' to 3269'; upper 6' perforated sub from 3226' to 3232'; seating nipple at 3134'; side pocket mandrel and bottom hole pressure tool at 2949' with 7/32" cable from 2949' to surface. 96 jts. down to mandrel and S.N. is 6 jts. below it.

Rigged off 10-29-88.

RECEIVED
APR 1 1989
OIL CON. DIV.
DIST. 2