Form 9-331 (May 1963)

## UNITED STATES SUBMIT IN TRIPLICATE\* Other instructions on recognition of the instructions of the instruction of the instructi

Form approved.
Budget Bureau No. 42-R1424.
LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS  (It) not use this time for proposal contents of the proposal of the propo	GEOLOGICAL SURVEY			SF 079001A	
Other water water. W owners  Blackwood & Nichols Co., Ltd.  Blackwood & Nichols Co., Ltd.  Blackwood & Nichols Co., Ltd.  Northeast Blanco Unit Agree. No. 1. Sec. 929  P. O. Box 1237, Durango, Colorado 81301  102A  Locations or Put (Report location deady and in accordance with any State requirements.*  1810' F/NL - 1540' F/WL  18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data State France of Particles and State Autrice  18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Notice of International Control of Intern				6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
Blackwood & Nichols Co., Ltd.  8 ADDRESS OF OFERSTON P. O. BOX 1237, Durango, Colorado 81301 102A 1102A 1102	OIL GAS X OTHER			Northeast Blanco Unit	
P. O. Dox 1237, Durango, Colorado 81301  102A  Location of Will Report Condition clearly and to accordance with any State requirements.  1810' F/NL - 1540' F/WL  18. PIRMIT NO.  16. Beavations (Show whether DF, Ri, on, etc.)  17. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  Substance Tear Water SHIP-OFF  PRACTORS TREATMENT TRANSCORN REPORT OF:  WATER SHIP-OFF  PRACTORS TREATMENT TRANSCORN ARROADS  SUBSTANCE OF INFESTION NO:  WATER SHIP-OFF  PRACTORS TREATMENT TRANSCORN ARROADS  SUBSTANCE TREATMENT ARROA		Co., Ltd.			
Securion of well (Report location clearly and in accordance with any State requirements.*  1810' F/NL - 1540' F/WL  18. 1810' F/NL - 1540' F/WL  18. 1810' F/NL - 1540' F/WL  19. 18. PERMIT NO.  10. PERMIT NO.  10. PERMIT NO.  11. PERMIT NO.  12. COUNT OR PARISH 13. STATE RIO AYTHO AYTHOU NOTICE OF INVENTION TO:  THE WATER SHIP OF INVENTION TO:  WATER SHIP OF INVENTION THE ANNOON WELL  SHIP OF INVENTION TO:  WATER SHIP OF INVENTION THE ANNOON WELL  SHIP OF INVENTION TO:  WATER SHIP OF INVENTION THE ANNOON WELL  ANNOON WELL  SHIP OF INVENTION TO:  WATER SHIP OF INVENTION TO:  W	3. ADDRESS OF OPERATOR			9. WELL NO.	
See also space 17 below.)  At surface  1810' F/NL - 1540' F/WL  18. SELYATIONS (Show whether Dr. RT. GR. etc.)  19. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  **NOTICE OF INTERTOR TO:  **NOTICE OF INTERTOR TO:  **TIST WATER SULTOFF**  **POLIC OR ALTER CARING**  **SHOT OR ACTIBLE**  **NOTICE OF INTERTOR TO:  **TIST WATER SULTOFF**  **POLIC OR ALTER CARING**  **POLIC OR ALTER CARING**  **SHOT OR ACTIBLE**  **NOTICE TEAT**  **NOTICE TEAT**  **NOTICE TEAT**  **SHOT OR ACTIBLE**  **NOTICE TEAT**	P. O. Box 1237, Durango, Colorado 81301				
18.10' F/NL - 1540' F/WL  16. PERNITY NO.  16. HENDATIONS (Show whether BY, RT, GR, etc.)  17. Check Appropriate Box To Indicate Noture of Notice, Report, or Other Data  NOTICE OF INVENTION TO:  TEST WATER SHUT-OFF PEACTURE TREATER SHOPOTO A ACTIONER ADMINISTRATION TO:  THE WATER SHUT-OFF PEACTURE TREATER THE OTHER ADMINISTRATION TO:  THE WATER SHUT-OFF PEACTURE TREATER THE OTHER ADMINISTRATION OF INVENTION TO:  THE WATER SHUT-OFF PEACTURE TREATER THE OTHER ADMINISTRATION OF INVENTION TO THE MOOT ON ACTIONS  (Other)  17. DARKERE PROTOSTO OR CONTESTED OTHER ADMINISTRATION OF INVENTION OF ACTIONS OF	See also space 17 below.)				
18. PERMIT NO.  16. PERMIT NO.  16. LERVATIONS (Show whether DF, RT, GR, GR.)  17. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTERFION TO:  TEST WATER SHUT-OFF PEAL OR ALTER CARING BEFAIR WELL  CHANGE FLANS  (Other)  17. DESCRIBE INDEPOSED OF COMPLETED OFFRATIONS (Cically state all pertinent details, and give pertinent dates, including and measured and true vertical depths for all markers and zones pertinent to this work.)  9-18-78 Tested casing to 2200 FSI, held OK. Spotted 500 gallons of 7 1/2% acetic acid. Ran Correlation Log and Cement Bond Logs. Perforated first stage four holes per foot per interval at 5488", 5498', 5506', 5524', 5534', 5554', 5558', 5604', 5614', 5626', 5690', 5746' and 5800'. Sand-water fractured with 103,400 gallons water with 2# FR-20/1000 gallons water and 80,000 lbs. 20-40 sand. Maximum treating pressure 1850 FSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 FSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 5204', 5204', 5204', 5344', 5324', 5344', 5358' and 5402'. Sand-water rate fractured with 10 FR 570 FSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 FSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 516', 5204', 5204', 5344', 5382' and 5442'. Sand-water fractured with 83,680 gallons water and 2# TR-20/1000 gallons water and 70,000 lbs. sand. Maximum treating pressure 2000 FSI, average treating pressure 1900 FSI, average injection rate 60 bbls/min.  18. I hereby feeting that the forgoing is true and correct  18. I hereby feeting that the forgoing is true and correct  18. I hereby feeting that the forgoing is true and correct  18. I hereby feeting that the forgoing is true and correct  18. I hereby feeting that the forgoing is true and correct  18. I hereby feeting that the forgoing is tru				11. SEC., T., R., M., OR BLK. AND	
16. PERMIT NO.  16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  Notice of Invertion Yo:  TEST WATER SHUT-OFF PRACTURE THEAT SHOOT OR ACTIVE THEAT SHOOT OR ACTIVE THEAT SHOOT OR ACTIVE THEAT SHOOT OR ACTIVE SETAIN WELL  (Other)  17. DESCRIBE TRUTOSED OF COMPLETE DOPERATIONS (Clearly state all pertinent details, and give pertinent dates, Including estimated date of meaning any bent to this work.)  18. DESCRIBE TRUTOSED OF COMPLETE DOPERATIONS (Clearly state all pertinent details, and give pertinent dates, Including estimated date of meaning any bent to this work.)  19. DESCRIBE TRUTOSED OF COMPLETE DOPERATIONS (Clearly state all pertinent details, and give pertinent dates, Including estimated date of meaning and measured and true vertical depths for all markers and some pertinent to this work.)  9. 18-78  Tested casing to 2200 PSI, held OK. Spotted 500 gallons of 7 1/2% acetic acid. Ran Correlation Log and Cement Bond Logs. Perforated first stage four holes per foot per interval at 5488", 5498", 5506', 5524', 5534', 5544', 5558', 5564', 5564', 5564', 5690', 5740' and 5800'. Sand-water fractured with 103,400 gallons water with 2# PR-20/1000 gallons water and 80,000 lbs. 20-40 sand. Maximum treating pressure 1850 PSI, average treating pressure 1500 PSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 PSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 5176', 5186', 5204', 5220', 5346', 5382' and 5442'. Sand-water fractured with 83,680 gallons water and 2# PR-20/1000 gallons water and 70,000 bs. sand. Maximum treating pressure 2000 PSI, average treating pressure 1900 PSI, average injection rate 60 bbls/min.  18.1 hereby feetily that the forgoing is true and correct  18.2 hereby feetily that the forgoing is true and correct  18.3 hereby feetily that the forgoing is true and correct  18.4 hereby feetily that the forgoing is true and correct  18.5 hereby feetily that t					
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Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  **NOTICE OF INTENTION TO:  **TEST WATER SHUT-OFF PULL OR ALTER CASING MULTIPLE COMPLETE ANABODA**  **SHOOT OR ACTORIE TRAITENT ALTERING CASING (Other)  **INDICATE PROPOSED OR COMPLETED OFFRATIONS (Clearly state all pertinent details, and give pertinent details, a	14. PERMIT NO.		RI, GR, ECC.)		1
NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PRACTURE THEAT SHOOT OS ACTORES REPAIR WELL (Other)  9-18-78  Tested casing to 2200 PSI, held OK. Spotted 500 gallons of 7 1/2% acetic acid. Ran Correlation Log and Cement Bond Logs. Perforated depths for all markers and somes perform to this work, 5558', 5604', 5614', 5626', 5690', 5746' and 5800'. Sand-water fractured with 103,400 gallons water with 2# FR-20/1000 gallons water and 80,000 lbs. 20-40 sand. Maximum treating pressure 1850 PSI, average treating pressure 1500 PSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 PSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 5176', 5186', 5204', 5204', 5520', 5382' and 5442'. Sand-water fractured with 103,400 gallons water with 2# FR-20/1000 gallons water and 80,000 lbs. 20-40 sand. Maximum treating pressure 1850 PSI, average treating pressure 1850 PSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 PSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 5176', 5186', 5204', 5204', 5202', 5346', 5382' and 5442'. Sand-water fractured with 83,680 gallons water and 2# FR-20/1000 gallons water and 70,000 lbs. sand. Maximum treating pressure 2000 PSI, average treating pressure 1900 PSI, average injection rate 60 bbls/min.  18.1 bereb coptify that the following is true and correct bellow for Federal or State office use)  APPROVED BY.  TITLE District Manager DATE 9-19-78	1.2			<del> </del>	Thew Hexico
TEST WATER SHUT-OFF PRACTURE TREAT SHOOT OR ACIDED CHANGE PLANS  (Other)  9-18-78  Tested casing to 2200 PSI, held OK. Spotted 500 gallons of 7 1/2% acetic acid. Ran Correlation Log and Cement Bond Logs. Perforated first stage four holes per foot per interval at 5488', 5498', 5506', 5524', 5534', 5558', 5604', 5614', 5626', 5690', 5746' and 5800'. Sand-water fractured with 103,400 gallons water with 2# FR-20/1000 gallons water and 80,000 lbs. 20-40 sand. Maximum treating pressure 1850 PSI, average treating pressure 1500 PSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 PSI, held OK. Perforated second stage four holes per foot per interval at 5482' and 5442'. Sand-water fractured with 83,680 gallons water and 2# FR-20/1000 gallons water and 5146', 5166', 5176', 5186', 5204', 5204', 5204', 5346', 5382' and 5442'. Sand-water fractured with 83,680 gallons water and 2# FR-20/1000 gallons water and 70,000 lbs. sand. Maximum treating pressure 2000 PSI, average treating pressure 1900 PSI, average injection rate 60 bbls/min.  This space for Federal or State office use)  (This space for Federal or State office use)  Approved BY  TILE  TILE  WATER SHOT-OFF  REPARTING WELL  ALTERING CABING  APARDONNERY  X  ALTERING CABING  APARDONNERY  APARDONNERY				:	
PRACTURE TREAT SNOOT OR ACIDIEN (Other) (Note: Report results of multiple on Well Completion or Recompletion Report and Log form.  (Note: Report results of multiple on Well Social Proposed work if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and some pertinent to this work.)  9-18-78 Tested casing to 2200 PSI, held OK. Spotted 500 gallons of 7 1/2% acetic acid. Ran Correlation Log and Cement Bond Logs. Perforated first stage four holes per foot per interval at 5488', 5498', 5506', 5524', 5534', 5558', 5604', 5604', 5604', 5690', 5746' and 5800'. Sand-water fractured with 103,400 gallons water with 2# FR-20/1000 gallons water and 80,000 lbs.  20-40 sand. Maximum treating pressure 1850 PSI, average treating pressure 1500 PSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 PSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 5176', 5186', 5204', 5204', 5320', 5382' and 5442'. Sand-water fractured with 83,680 gallons water and 2# FR-20/1000 gallons water and 70,000 lbs. sand. Maximum treating pressure 2000 PSI, average treating pressure 1900 PSI, average injection rate 60 bbls/min.  (This space for Federal or State office use)  (This space for Federal or State office use)	NOTICE OF INTENTION TO:			UENT REPORT OF:	
SHOOT OR ACTIPIEE REPAIR WELL (Other)  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent, network of form.)  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent, network of multiple completion or Recompletion Report and Log form.)  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent, network of multiple completion or Recompletion or Reco			<del>  , ,  </del>	1	
neptar well (Other)			1		· []
(Other)  (Note: Report results of multiple completion on Well Completion on Tecompletion on Completion on Recompletion on Recompletion on Recompletion on Recompletion on Proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perfinent to this work.)  9-18-78 Tested casing to 2200 PSI, held OK. Spotted 500 gallons of 7 1/2% acetic acid. Ran Correlation Log and Cement Bond Logs. Perforated first stage four holes per foot per interval at 5488', 5498', 5506', 5524', 5534', 5544', 5558', 5604', 5614', 5626', 5690', 5746' and 5800'. Sand-water fractured with 103,400 gallons water with 2# FR-20/1000 gallons water and 80,000 lbs. 20-40 sand. Maximum treating pressure 1850 PSI, average treating pressure 1500 PSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 PSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 5176', 5186', 5204', 5220', 5346', 5382' and 5442'. Sand-water fractured with 83,680 gallons water and 2# FR-20/1000 gallons water and 70,000 lbs. sand. Maximum treating pressure 2000 PSI, average treating pressure 1900 PSI, average injection rate 60 bbls/min.		i—-		] ABANDONME	M1
17. DESCRIBE PROPOSED OF 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.)*  9-18-78 Tested casing to 2200 PSI, held OK. Spotted 500 gallons of 7 1/2% acetic acid. Ran Correlation Log and Cement Bond Logs. Perforated first stage four holes per foot per interval at 5488", 5498", 5506", 5524", 5534", 5544", 5558", 5604", 5614', 5626', 5690", 5746' and 5800". Sand-water fractured with 103,400 gallons water with 2# FR-20/1000 gallons water and 80,000 lbs. 20-40 sand. Maximum treating pressure 1850 PSI, average treating pressure 1500 PSI, average injection rate 65 bbls/min. Dropped thirteen 7/8" rubber balls. Set top drillable bridge plug at 5460'. Tested casing to 2200 PSI, held OK. Perforated second stage four holes per foot per interval at 5146', 5166', 5176', 5186', 5204', 5220', 5346', 5382' and 5442'. Sand-water fractured with 83,680 gallons water and 2# FR-20/1000 gallons water and 70,000 lbs. sand. Maximum treating pressure 2000 PSI, average treating pressure 1900 PSI, average injection rate 60 bbls/min.  (This space for Federal or State office use)  APPROVED BY TITLE District Manager DATE 9-19-78			(NOTE: Report results	of multiple completion	on Well
(This space for Federal or State office use)  APPROVED BY  TITLE  District Manager  DATE  9-19-78	acid. Ran Cofour holes per 5558', 5604', with 103,400 grand. In 1500 PSI, aver balls. Set the held OK. Per 5166', 5176', fractured with 70,000 lbs. set 1500 ps.	rrelation Log and Cer r foot per interval 5614', 5626', 5690' gallons water with 2 Maximum treating pre rage injection rate op drillable bridge forated second stage 5186', 5204', 5220' h 83,680 gallons wat and. Maximum treati	ment Bond Logs. Perfeat 5488', 5498', 5506, 5746' and 5800'. Substitute of the second states of the second	orated first s ', 5524', 5534 and-water frac water and 80,0 ge treating pr thirteen 7/8' d casing to 22 per interval a 42'. Sand-wat gallons water	stage ', 5544', ctured 000 lbs. cessure ' rubber 200 PSI, at 5146', cer and
(This space for Federal or State office use)  APPROVED BY  TITLE  DATE	$\rightarrow$ $+$		intrint Managar	0-10	
APPROVED BY TITLE DATE			istrict manager	DATE 9-15	9-70
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