20-045-27/63

UBMIT IN TRIPLICATE

Form approved.

Budget Bureau No. 42-R1425.

UNITED STATES (Other instructions on reverse side)

	DEPARTMENT	OF THE INTE	RIOR	5. LEASE DESIGNATION AND SERIAL NO.
	GEOLO	SICAL SURVEY		SF078615
APPLICATION	N FOR PERMIT T	O DRILL, DEEF	PEN, OR PLUG B	ACK 6. IF INDIAN, ALLOTTES OR TRIBE NAME
	ILL 🖾	DEEPEN 🗆	SO DET PEUG BAC	7. UNIT AGREEMENT NAME Northeast Blanco
OIL G	AS XX OTHER	77 A	SONS XX SONS	8. PARM OR LHANE NAME
2. NAME OF OPERATOR	lackwood & Nich	ols Co., Ltd.		Northeast Blanco Unit 9. WELL NO.
3. ADDRESS OF OPERATOR	.O. Box 1237 Du	rango, Colora	81302-1237	443 10. FIRED AND POOL, OR WILDCAT
At surface O At proposed prod. zol		l r	NOV21 1988	Fruitland Coal 11. SBC., T., E., M., OR BLK. AND SURVEY OR AREA V Sec. 24, T30N, R8W NMPM
14. DISTANCE IN MILES	ame AND DIRECTION FROM NEAR 2 miles NE of B			San Juan N. Mex.
15. DISTANCE FROM PROPOSED® LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) 920			NO. OF ACTES OF LEGS	17. NO. OF ACRES ASSIGNED TO TRIE WELL 320
18. DISTANCE FROM PRO	POSED LOCATION* DRILLING, COMPLETED,	6001	PROPOSED DEPTH	20. BOTABY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show wh		6211' GL SUBJECT	G OPERATIONS AUTHOR	ATTACHED November 15.1988
23.	P	ROPOSED CASING A	ND CEMENTING PROGRA	Mprocedural review paramond to 43 CFR 3195.
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	and appeal quantition coment
12 1/4	9 5/8"	36#	300'	207 cuft to circulate
8 3/4"	7"	23#	2850'	781 cuft to circulate
6 1/4"	5 1/2"	17#	2750'-3150'	39 cuft to circulate

Propose to spud in San Jose formation. Will drill 12½" surface hole to a TD of 300: Surface casing will be run and cemented with cement returns to surface. WOC 12 hours. Test to 600 psi. Drill 8 3/4" hole with fresh water mud to intermediate TD. No abnormal pressures or poisonous gases are anticipated. Casing will be run and cemented with cement returns to surface. WOC 12 hours. Test to 1500 psi. Drill 6½" hole through Fruitland Coals with water. A liner may be run if hole conditions dictate. The liner may or may not be cemented, depending on the wells natural producing ability.

This APD requests a pipeline ROW for the segment of the line that will run off the well pad to the existing line south of the location. This line will follow the access road for approximately 50' before it joins the existing pipeline ROW. A 3 of 4" line will be used depending on the well's producing ability. The line will be buried at least 36" deep.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive sone. 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 William F- Clar TITLE _Operations Manager_	DATE Oct 18, 88
(This space for Federal or State office use)	
PERMIT NO APPROVAL DATE	
APPROVED BY	DATE (CONTROL OF CONTROL OF CONTR
CEANISU TO LA CONTRA	AS ANTERDED

HOLD C-log FORNISU

*See Instructions On Reverse Side

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P Q. BOX 2088 ENERGY NO MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-

Blackwood & Nichols Co., LTD. Northeast Blanco Unit 443 Letter Section Township Range County N 24 30 North 8 West San Juan 101 Footoge Location of Wells 920 feet from the South line and 2100 feet from the West line 110 Dedicated Acreages	ecolor			Les		les of the Section		Well No.
The process of wells are processed on the state of the st	Blackwoo	d & Nichol		·			unit	443
SPO test from the South time and 2100 test from the West time and Level Clev. Producting formation Production of Basin Fruitland Coal 320. 1. Outline the acressed edicated 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 threef (both as to we interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been conducted by communitization, unitization, force-pooling, etc? MY ve	nt Letter	1	· ·		1		Juan	
See Preducing Formation Page	• .		30 110	rtn	o wes	t Dett.	1 ouan	
Decidence Accreaged 32011* Fruitland Coal Basin Fruitland Coal South Fru			South	line and	2100	feet from the	West	line
Basin Fruitland Coal 320 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 we interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been conducted by communitization, unitization, increapooling, etc? 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been conducted to communitization, unitization, unitizatio					1			Dedicated Acreages
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will be assigned to the well until all interests have been consolidated (by communitization, unitization decadopooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Div will not be a supposed	3. If more th	an one lease of communitization	n, unitization, for	ce-pooling.	etc?		interests of	all owners been cons
SE 078615 CERTIFICATION I hereby certify that the information to the second herein is true and complete best of my knowledge and belief. Nov. 2 1 1988 OIL CON. Name Position perations Manager Company Blackwood & Nichols Co., Date I hereby certify that the information to the information to the control of the c	this form No allowa forced-poo	if necessary.)_ ble will be assi oling, or otherwi	igned to the well se) or until a non-	until all int -standard un	erests have be nit, eliminating	een consolidat g such interest	ted (by comm	nunitization, unitiza approved by the Divi
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