.UBMIT IN TRIPLICATE* (Other instructions on

Form approved. Budget Bureau No. 42-R1425.

reverse side) 30-045-27448

UNITED STATES

DEPARTMENT OF THE	5.	5. LEASE DESIGNATION AND SERIAL NO. SF 080557		
GEOLOGICAL SURV				
APPLICATION FOR PERMIT TO DRILL,	DEEPEN, OR PLUG B	ACK 6	. IF INDIAN, ALLOTTER	OR TRIBE NAME
1a. TYPE OF WORK DRILL DEEPEN		_	. UNIT AGREEMENT N	A M D
b. Type of Well OIL GAS WELL WELL X OTHER	RINGLE X MULTIPI		Northeast Bl. . FARM OR LEADE NAM	
2. NAME OF OPERATOR			Northeast Bl	anco Unit
Blackwood & Nichols Co., Ltd.	_	9	. WELL NO.	
3. ADDRESS OF OPERATOR			459	
P.O.Box 1237, Durango, Colorado,	81302-1237		O. FIELD AND POOL, O	R WILDCAT
At surince 2505' FNL - 1810' FEL At proposed prod. zone	P.E. CEIV		Basin Fruill: 1. SEC., T., R., M., OR F AND SURVEY OR AN	ALK.
Same 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR PO	- AUG 0 9 1989		Sec. 19, T31N	13. STATE
16 1/2 miles NE of Blanco, New Me	xico OIL CON. D		San Juan	NM
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to pearest drig, unit line, if any) 490 '	320 DIST. 3	TO THIS	WBLL 320	
13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED,	19. PROPOSED DEPTH	20. ROTARY	OR CABLE TOOLS	
OR APPLIED FOR, ON THIS LEASE, FT. 2400	3530'	1	Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)			22. APPROX. DATE WO	RK WILL START*
MONTHER THOMS THIS TALE ARE 6490' GL			August 1. 19	89
PROPOSED CASI	ING AND CEMENTING PROGRA	procedura	on is subject to te	chnical and to 43 CFR 3

" GENERAL <u>REQUIREMENTS</u> and appeal pursuanting 45 GFR 3165.4. SETTING DEPTH WEIGHT PER FOOT SIZE OF CASING SIZE OF HOLE 9 5/8" 36 # 600' 378 cuft to circulate 12 1/4" 7/8" 1074 cuft to circulate 5 1/2" 17 # 3530' DV tool 200' above top coal

Propose to spud in the San Jose formation. Will drill a 12 1/4" hole to a TD of 600'. Run and cement surface casing with cement returns to surface. WOC 12 hours. Test to 600 psi. Drill a 7 7/8" hole to a TD of 3530' using fresh water mud. No poisonous gas is anticipated. Weighted mud will be used to drill the Fruitland Coals. Induction and Density/Nuetron logs will be run at TD. Production casing will be run and cemented in two stages, with cement returns to surface. WOC 12hours. Test to 1500 psi. A cased hole correlation and cement bond log will be run. The Fruitland Coals will be perforated and fraced with a fresh water based gel fluid.

This APD requests a gas pipeline ROW to follow the proposed access road from the proposed location to a tie in point on the NEBU # 42 location.

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

24. SIGNED William Cla	TITUE Operations Manage	r DATE July 10, 1989
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATS	APPROVED
	TITLE	AS DATE
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:		
at		Skeller

*See Instructions On Reverse Side

MAREA MANAGER

Subsuit to Appropriate District Office State Lease - 4 cones Foe Lease - 3 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Azzec, NM 87410

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

WELL LOCATION AND ACREAGE DEDICATION PLAT

Blackwood & Nichols Co., LTD. Northeast Blanco Unit 459 his Latter Section Township Range County G 19 31 North 7 West NMPM San Juan count Footage Location of Well: 2505 feet from the North line and 1810 feet from the East line							er councianes or the s	Hectoon		
In Lease Sections Township Ramps County Gard Township 31 North 7 West NMIM San Julin The production of Well: Producing formship Food Food from the Bast Inc. The production of Well: Producing formship Food Pood Pood	Operator Blackery	ood "-	Niohola	Co	i '		-lanet 77		77 / 1	1 ' '
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