

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 003357	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.		7. UNIT AGREEMENT NAME Northeast Blanco Unit	
3. ADDRESS OF OPERATOR P. O. Box 1237, Durango, Colorado 81301		8. FARM OR LEASE NAME Northeast Blanco Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' F/SL - 1190' F/EL At proposed prod. zone same		9. WELL NO. 302	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA I Sec. 30, T31N, R6W	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL E/ 320		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7990'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DE, RT, GR, etc.) 6471 UG		22. APPROX. DATE WORK WILL START* September 3, 1984	
23. PROPOSED CASING AND CEMENTING PROGRAM		This action is subject to administrative appeal pursuant to 30 CFR 290.	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.30, H-40	300'	Circulate (325 cf)
8 3/4"	7"	23.0, K-55	3730'	Cover Ojo Alamo (493 cf)
6 1/4"	4 1/2"	11.6, K-55	7990'	Base of 7" Csg. (825 cf)

Blackwood & Nichols Co., Ltd. proposes to drill the above well to begin development of the Basin Dakota near the east boundary of the Northeast Blanco Unit.

Attached you will find:

- (1) Onshore 1 - Drilling Program
- (2) Surface Use Program
- (3) Well Location and Acreage Dedication Plat
- (4) Map of Area Wells
- (5) Map of Proposed Access Roads

This gas is dedicated to El Paso Natural Gas.

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 preventer program, if any.

24. SIGNED <i>DeLasso Loos</i> TITLE Field Superintendent		August 15, 1984	
(This space for Federal or State use only)		APPROVED	
PERMIT NO. _____		AS AMENDED	
APPROVED BY <i>SEP 13 1984</i> TITLE _____		SEP 11 1984	
CONDITIONS OF APPROVAL _____		J. Stan McKee	
OIL CON. DIV. DIST. 3		ASST. AREA MANAGER FARMINGTON RESOURCE AREA	

*See Instructions On Reverse Side