

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. SF 078988	
2. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. NAME OF OPERATOR Blackwood & Nichols Co., Ltd.				7. UNIT AGREEMENT NAME Northeast Blanco Unit	
4. ADDRESS OF OPERATOR P. O. Box 1237, Durango, Colorado 81301				8. FARM OR LEASE NAME Northeast Blanco Unit	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' F/SL - 990 F/EL At proposed prod. zone same				9. WELL NO. 303	
6. 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 drlg. unit line, if any)		16. NO. OF ACRES IN LEASE 2560'		17. NO. OF ACRES ASSIGNED TO THIS WELL E/320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 7940'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6337' U.G.		22. APPROX. DATE WORK WILL START* September 15, 1984		12. COUNTY OR PARISH Rio Arriba	
23. PROPOSED CASING AND CEMENTING PROGRAM		13. STATE New Mexico		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 20, T31N-R6W	

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

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"	23.00, K-55	3620'	Cover Ojo Alamo (493 cf)
6 1/4"	4 1/2"	11.60, K-55	7940'	Base 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 prevention program, if any.

24. De Lasso Loos TITLE Field Superintendent DATE August 15, 1984
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

SEP 20 1984

CON. DIV
DIST. 3

*See Instructions On Reverse Side

NMOCC

RECEIVED

AUG 17 1984

BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240

APPROVED

AS AMENDED

SEP 18 1984

S. Arlan G. Hines
AREA MANAGER
BIRMINGHAM RESOURCE AREA

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

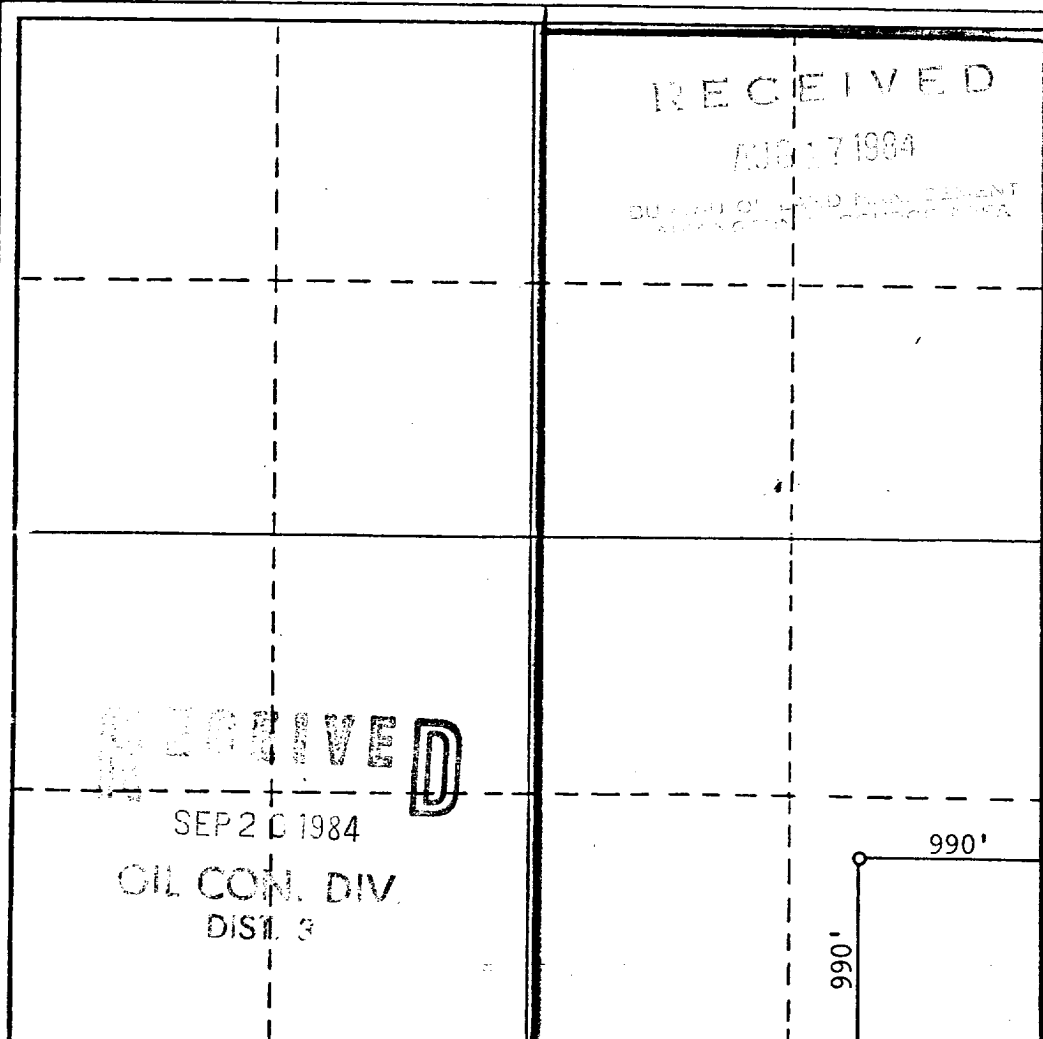
All distances must be from the outer boundaries of the Section.

Operator BLACKWOOD & NICHOLS			Lease NORTHEAST BLANCO UNIT		Well No. 303
Unit Letter P	Section 20	Township 31 North	Range 6W., N.M.P.M.	County Rio Arriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 990 feet from the south line and 990 feet from the east line </div>					
Ground Level Elev: 6337 U.G.	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 320 Acres	

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 working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

DeLasso Loos

Name

Position

Field Superintendent

Company

Blackwood & Nichols Co., Ltd.

Date

August 14, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

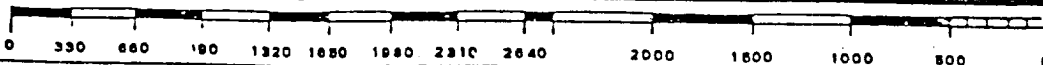
August 8, 1984

Registered Professional Engineer and/or Land Surveyor

Allison L. Kroeger, RLS

Certificate No.

7922





NOTE:

- 1) The total length of Access Road to NEBU 302 is 1,100'±.
- 2) The total length of Access Road to NEBU 303 is 2,800'±✓

BLACKWOOD & NICHOLS CO., LTD.

PROPOSED ACCESS ROADS TO NEBU 302 & NEBU 303
LOCATED IN SEC. 30 & SEC. 20, T.31N., R.6W., N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO

Date: September, 1984

Scale: 1"=2000'

KROEGER ENGINEERING COMPANY
DURANGO, COLO.