## SUBMIT IN TRIPLICATE

Form approved, Budget Bureau No. 42-R1425.

HAUTED STATES

(Other instructions on reverse side)

UNITED STATES							
DEPARTMENT OF THE INTERIOR							
GEOLOGICAL SURVEY							

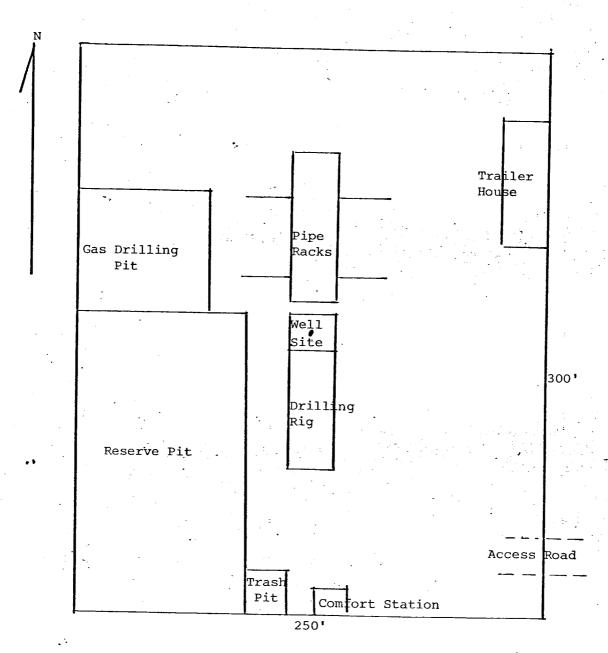
30 - 039 - 21696

5. LEASE DESIGNATION AND SERIAL NO.
Santa FR 079060

	GLOLO	OICAL SOITE					
APPLICATION	FOR PERMIT	O DRILL, DEE	PEN, OR PLUG B	ACK '	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
1a. TYPE OF WORK	LL 🖾	DEEPEN [	PLUG BAG	CK 🔲 🥇			
b. TYPE OF WELL			CINCIN CO. MUININ		Agrmt. No. 1, Sec. 92		
WELL WI	SLL XX OTHER		ZONE XX ZONE	<u>"-                                    </u>			
2. NAME OF OPERATOR							
	Nichols Co., Lte	d.					
3. ADDRESS OF OPERATOR				-			
P.O. Box 123	7, Durango, Co	lorado 81301	- Ctata naminamenta *\				
At surface	eport location clearly and	in accordance with an			· · · · · · · · · · · · · · · · · · ·		
990 F/SI At proposed prod. zon	L - 1550 F/EL			,	AND SURVEY OR AREA		
Same					0-9-30N-7W		
14. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	REST TOWN OR POST OF	FICE*	1	2. COUNTY OR PARISH 13. STATE		
15. DISTANCE FROM PROPU LOCATION TO NEAREST	AGITH. No. 1, Sec. 928  Result Tone  Result						
PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)							
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED,				20. ROTARY OR CABLE TOOLS			
OR APPLIED FOR, ON THIS LEASE, FT.			5895'	·	1 00 innor nime work with colored		
					in .		
6263'				*. ]	May 29, 1978		
23.	I	PROPOSED CASING A	AND CEMENTING PROGRA	AM .			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT		
12-1/4"	9-5/8 <b>"</b>	32.00#	250'		Circulate		
8-3/4"			3520'				
6-1/4"	4-1/2"	10.50#	5895'		Cement to 3300'		
5060', Menefee ! 900 - adapted to plind and neces: mud of sufficient gas below 7" cas  Compensated Dens  Blow-out prevent	5100', Point Loop Series 10" -	okout 5395' an 600 and 6" - 6 will be used w ntrol the Frui ron logs will sted every tri	nd Mancos 5505'.  500 hydraulic blo  vith adequate kil  tland will be un  be run in open h  p.	A 3000 wout pre l and bl ed; well ole.	PSI WP; Series 10" - eventer equipped with leed off lines. A to be drilled with  4 1978  Simplified Survey  Citie zone and proposed new productive		
preventer program, if an	y						
RENEW X GISSO	Jew DeLas	so Loos TITLE_	District Mana	ger	DATE 4-4-78		
· -	ral or State office use)			:			
PERMIT NO.			APPROVAL DATE	· ·			
•							
APPROVED BY		TITLE _			DATE		
CONDITIONS OF APPROV							
01	•						

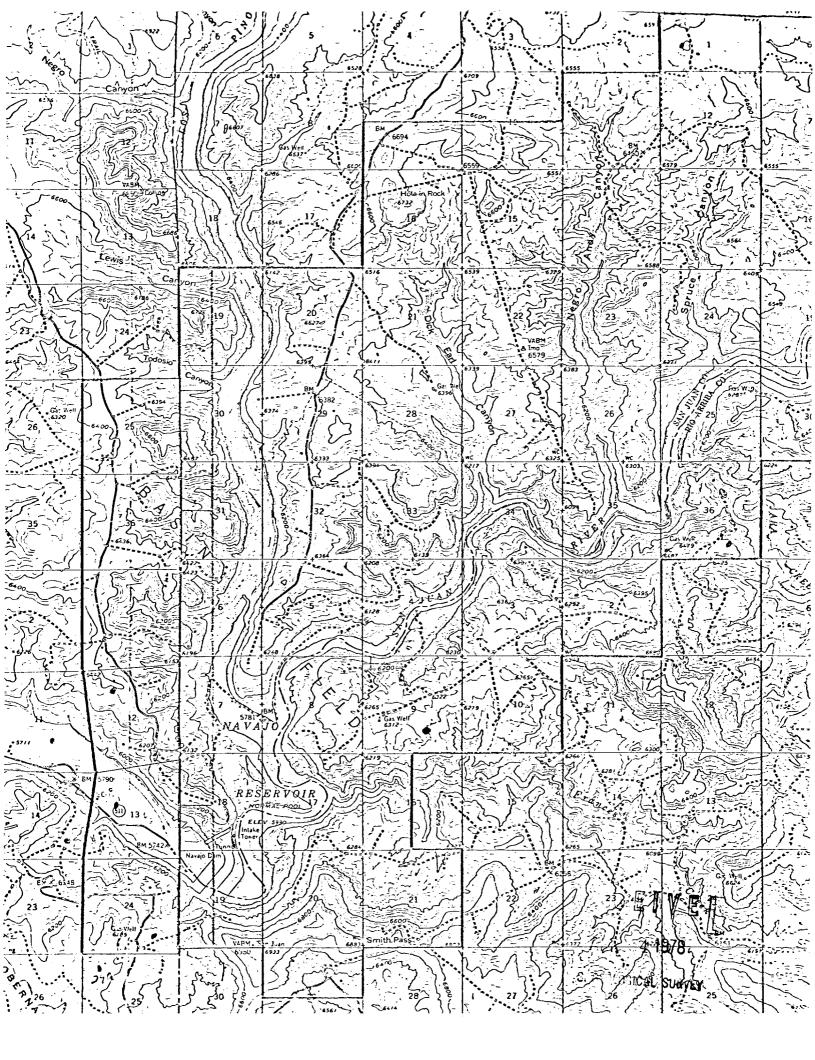
	distances must be fro	m the outer boundaries of the Section	n.	
Operator Dr. 1 OW/100 D . N. T. OW	1	ease		Well No.
BLACKWOOD & NICHO	·	NORTHEAST BLAI	NCO UNIT	18-A
Unit Letter Section Town	30 N.	Range County 7W., N.M.P.M.	RIO ARRIBA	·
Actual Footage Location of Wells		7 11 0 3 11 0 11 0 11 0	RIO ARRIDA	·
990 feet from the S	outh line and	1550 feet from the	east	line.
Ground Level Elev: Producing Formation	1.	2001	Dedic	ated Acreage;
6263 UG Mesaver	de	Blanco-Mesavero	ie –	320 Acres
1. Outline the acreage dedicated to	the subject well	l by colored pencil or hachur	e marks on the pla	t below.
2. If more than one lease is dediction interest and royalty).	•	•		
3. If more than one lease of differe dated by communitization, unitize	ation, force-pooling	z. etc?		wners been consoli-
XX Yes No If answer	is "yes," type of	consolidationUnit	ization	
If answer is "no" list the owner	s and tract dece-	ntions which have and 11 1		¥¥
If answer is "no;" list the owner this form if necessary.)	- and tract descri	Prious which have actually be	een consolidated. (	Use reverse side of
No allowable will be assigned to	the well until all i	nterests have been consolide	ited (by communiti	zation unitization
forced-pooling, or otherwise) or un	til a non-standard	unit, eliminating such interes	its, has been appro	ved by the Commis-
sion.				•
			CER	TIFICATION
i i i i i i i i i i i i i i i i i i i			CER	III ICATION
1			I hereby certify	hat the Information con-
!				true and complete to the
		i	best of my knowl	edge and belief.
		1	( ). X	
		1.	Nome	210 0002
	- 1		DeLasso 1	oos
			Position	
			District	Manager
	IF N		Company  Blackwood &	Nichols Co., Lt
	3 E 10 \		Date	MICHOIS CO., EC
8 9 25 50 250 250			April 4	19 <b>78</b>
APR 7	197B			· · · · · · · · · · · · · · · · · · ·
OIL CON.	com.			
DIST.	· 18 /	ľ		that the well location
				it was plotted from field
			1	surveys made by me or some
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<u> </u>	1	ect to the best of my
1 3 1 10 10			knowledge and be	· · · · · · · · · · · · · · · · · · ·
	/	+		2 - 18 g
		O- 1550'		15:/1977
/ 4 1978		7 - 7555	Date Surveyed	Ethennin.
8. 95 Nancar			Harles and Date	VITA EAU
S. 05 LOGICAL SHEVEY		2	Registered Professionad/or Land Survey	28
		9		roeger, L.S.
<u> </u>	<u> </u>		Cert. No.	1941
	7-50		Certificate No.	
330 660 190 1320 1680 1980, 2310	2640 2000	1800 1000 800 0	. [	•

BLACKWOOD & NICHOLS CO., LTD.
Northeast Blanco Unit No. 18A
990' F/SL - 1550' F/EL O-9-30N-7W
Rio Arriba County, New Mexico



0 E I V E [

S. DESLOGICAL SURVEY



## BLACKWOOD & NICHOLS CO., LTD.

P. O. BOX 1237

DURANGO, COLORADO 81301

(303) 247-0728

April 4, 1978

United States Geological Survey Federal Building 701 Camino Del Rio Durango, Colorado 81301

## Gentlemen:

Blackwood & Nichols Co., Ltd., as operator of the Northeast Blanco Unit, proposes to drill the Northeast Blanco Unit Well No. 18A to prevent reservoir drainage to the SE/4, Sec. 9-30N-7W, Rio Arriba County, New Mexico. The well is to be completed in the Mesaverde Zone.

Attached are maps and other data pertinent to the Development Plan for Surface Use.

- I. Existing roads: See attached U.S.G.S. topographic map.
- II, III, IV, VI and IX: See attached maps.
- V. Water will be hauled by truck transport from the San Juan River, approximately four miles southwest of the location.
- VII. Camp or airstrip will not be necessary.
- IX. See attached map of well site layout. (Not to scale)
- X. Upon completion the location will be leveled to its original state. The access road will remain. The location will be seeded, as per the Bureau of Land Management requirements.
- XI. The location is relatively level and covered with Cedar and Pinon trees which will be disposed of as per the Bureau of Land Management requirements; an archaeological clearance will be obtained.
- XII. DeLasso Loos, 1032½ Main Street, Durango, Colorado 81301; Telephones: Office: 303-247-0728; Home: 303-247-2345.
- XIII. I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Blackwood & Nichols Co., Ltd. and its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

Date 4-4-78

DeLasso Loos, District Manager

asso Jour

DL:lr Attachments

7. N 4 1978

" S. GEOLOGICAL SURVEY