

30-045-24219

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-178-1
7. Unit Agreement Name Northeast Blanco Unit
8. Farm or Lease Name Agrmt. No. 1, Sec. 929
8. Farm or Lease Name Northeast Blanco Unit
9. Well No. 48A
10. Field and Pool, or Wildcat Blanco Mesaverde
12. County San Juan
19. Proposed Depth 5915'
19A. Formation Mesaverde
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6340' GL
21A. Kind & Status Plug. Bond
21B. Drilling Contractor Unknown
22. Approx. Date Work will start May 10, 1980

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
Blackwood & Nichols Co., Ltd.

3. Address of Operator
P.O. Box 1237, Durango, Colorado 81301

4. Location of Well
UNIT LETTER 0 LOCATED 1090' FEET FROM THE South LINE
AND 1770 FEET FROM THE East LINE OF SEC. 32 TWP. 31N RGE. 7W NMPM

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13 3/4"	9 5/8"	36.00#	250'	250	Circulate
8 3/4"	7"	23.00#	3570'	300	1800'
6 1/4"	4 1/2" Liner	10.50#	5915'	300	Top of liner

21. Elevations (Show whether DF, RT, etc.)
6340' GL

21A. Kind & Status Plug. Bond

21B. Drilling Contractor
Unknown

22. Approx. Date Work will start
May 10, 1980

We propose to perforate the Mesaverde Zone and sand-water fracture with 200,000 gallons water and 200,000 lbs sand in two stages. Estimated tops: Fruitland 2995', Lewis 3465', Cliffhouse 5155', Point Lookout 5475', Mancos 5695'. A 3000 PSI WP; Series 10" - 900 adapted to Series 10" - 600 and 6" - 600 hydraulic blowout preventer equipped with blind and necessary pipe rams will be used with adequate kill and bleed off lines. A mud of sufficient weight to control the Fruitland will be used, well to be drilled with gas below 7" casing.

Compensated Density Gamma-Neutron logs will be run in open hole.

Blow out preventers will be tested every trip.

gas is dedicated

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, EXPIRES 6-2-80



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Del Lasso Loos Title District Manager Date 02-29-80

(This space for State Use)

APPROVED BY Frank J. Chang TITLE SUPERVISOR DISTRICT # 3 DATE MAR 4 1980

CONDITIONS OF APPROVAL, IF ANY:

**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.

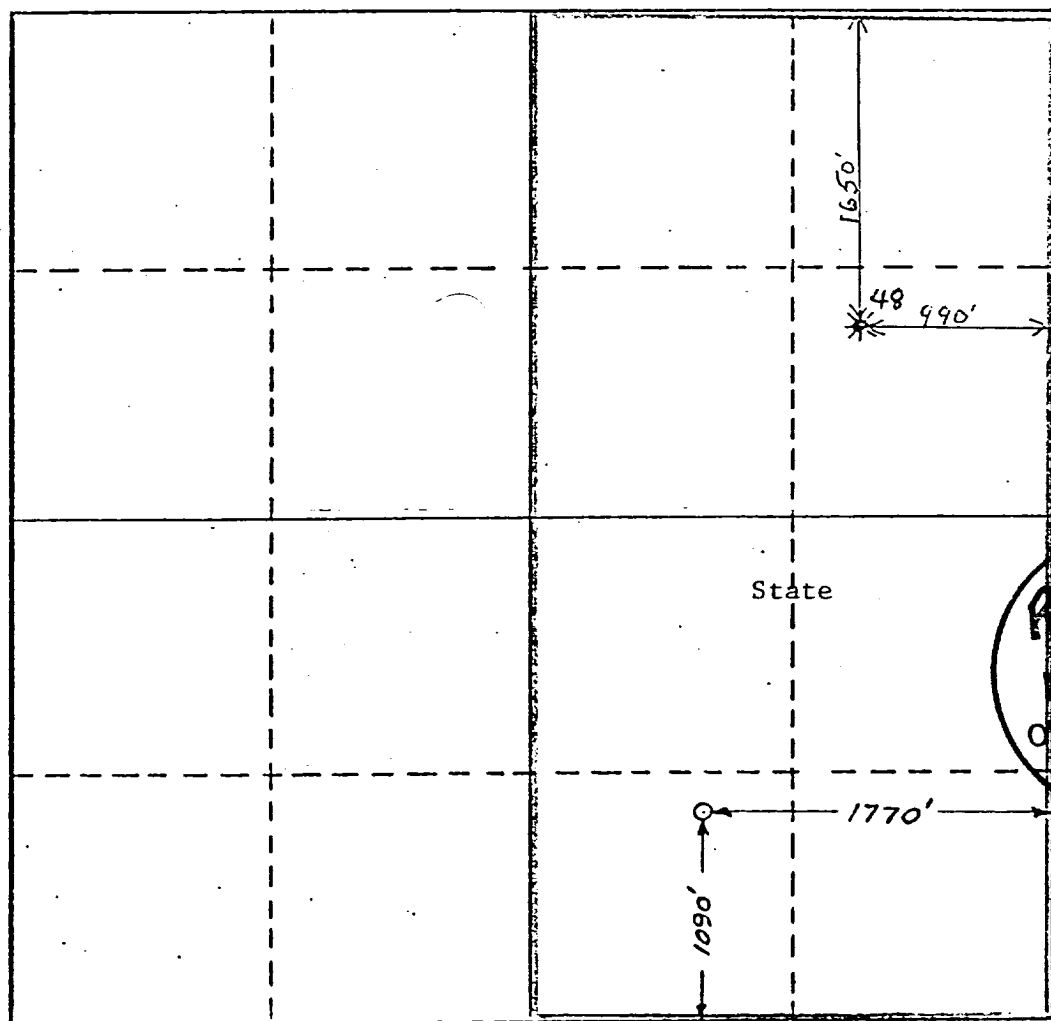
Operator BLACKWOOD & NICHOLS			Lease NORTHEAST BLANCO UNIT		Well No. 48-A
Unit Letter 0	Section 32	Township 31 N.	Range 7W.N.M.P.M.	County SAN JUAN	
Actual Footage Location of Well: 1090 feet from the south line and 1770 feet from the east line					
Ground Level Elev. 6340 U.G.	Producing Formation Mesaverde	Pool Blanco-Mesaverde		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.

DeLasse Loos

Name
DeLasse Loos

Position
District Manager

Company
Blackwood & Nichols Co., Ltd.

Date
January 21, 1980

RECEIVED
MAR 4 1980
OL CON. COM.
DIST. 3

Date Surveyed
Dec. 6, 1979

Registered Professional Engineer
and/or Land Surveyor:
John A. Kroeger
John A. Kroeger, RLS

Certificate No.
1941

