

AMENDED LOCATION

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Company

3. ADDRESS OF OPERATOR

P.O. Box 1237, Durango, Colorado 81301

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

350' F/SL - 1890' F/WL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. 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

140.03

17. NO. OF ACRES ASSIGNED
TO THIS WELL

300.03

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5350'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Not available until location is cleared (Approx. 6100')

22. APPROX. DATE WORK WILL START*

July 1, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.00#	300'	Circulate to Surface
8 1/4"	7"	23.00#	3350'	Circulate to Surface
6 1/4"	4 1/2"	10.50#	5350'	Cement to 3000'

We propose to perforate point Lookout and Cliffhouse Zones and sand-water fracture in two stages with approximately 50,000 gallons water and 25,000 lbs. sand each stage. On 2-26-74, Northeast Blanco Unit Well No. 5X, located 1190' F/SL - 1100' F/WL, Sec. 13-30N-8W, San Juan County, New Mexico, was plugged and abandoned due to an unsuccessful attempt at remedial work. We propose to drill Well No. 63 to prevent reservoir drainage to the SW/4, Sec. 13-30N-8W.

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

DeLasso Loos

DeLasso Loos

TITLE

District Manager

DATE

5-24-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

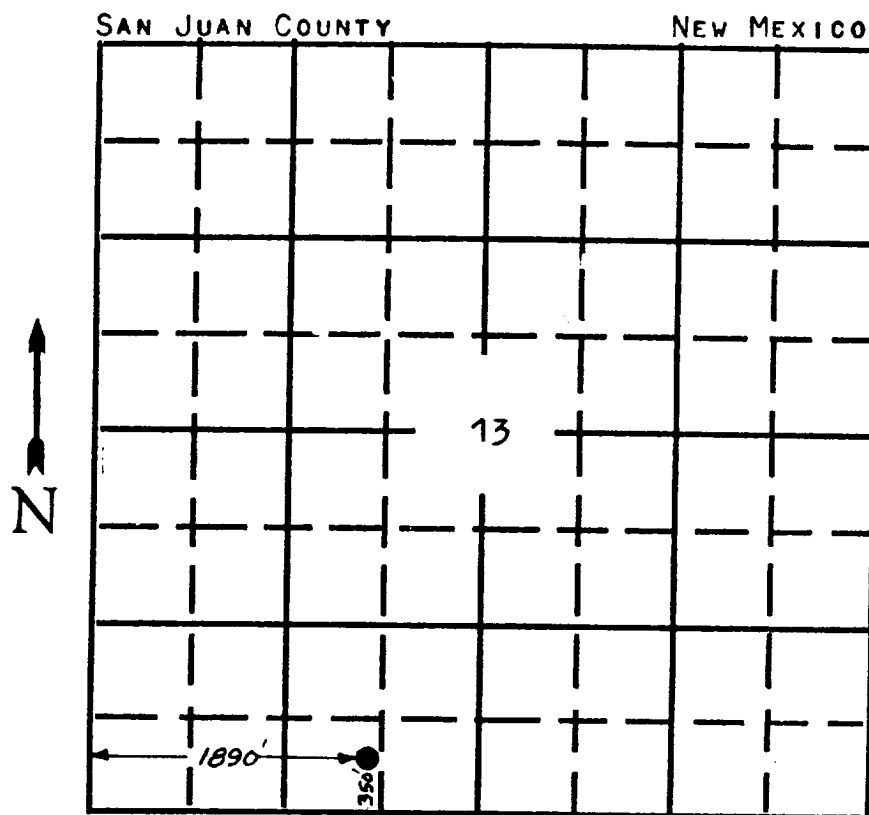
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

COMPANY BLACKWOOD & NICHOLS

LEASE N.E. BLANCO UNIT WELL NO. 63

IRREGULAR SEC. 13 T. 30 N. R. 8 W. N.M.P.M.

LOCATION 350' FROM THE SOUTH LINE
1890' FROM THE WEST LINE



Scale: 4 inches equals 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Kroeger
KROEGER ENGINEERING CO.
NEW MEXICO RE. NO. 1941

DATE MAY 7, 1974

BLACKWOOD & NICHOLS COMPANY

P. O. BOX 1237

DURANGO, COLORADO 81302

May 24, 1974

United States Geological Survey
P. O. Box 189
Durango, Colorado 81301

Gentlemen:

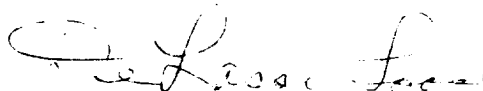
Blackwood & Nichols Company, as operator of the Northeast Blanco Unit, proposes to drill Northeast Blanco Unit Well No. 63 to the Mesaverde Zone, located 350' F/SL - 1890' F/WL, Sec. 13-30N-8W, NMPM, San Juan County, New Mexico.

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. Planned access road: The access road will be extended approximately 1200' Southeast from the existing access road to Well No. 5X.
- III. Location of existing wells: See attached U.S.G.S. topographic map.
- IV. Lateral roads to well locations: Covered by Nos. 1 and 2.
- V. Location of tank batteries and flow lines: Production tanks are not anticipated on this location.
- VI. Location and type of water supply: Water will be hauled by truck transport from the San Juan River, approximately two miles Northwest of the location.
- VII. Waste disposal: Waste will be placed in a reserve pit and later buried or burned.
- VIII. Location of camp: None necessary.
- IX. Location of airstrip: None necessary.
- X. Layout of rig, reserve pits, mud tanks etc.: See attached map.
- XI. Upon completion the location will be leveled, reserve pit will be fenced until dry and then filled with existing earth to its original state. The access road will remain.
- XII. Topography: 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.

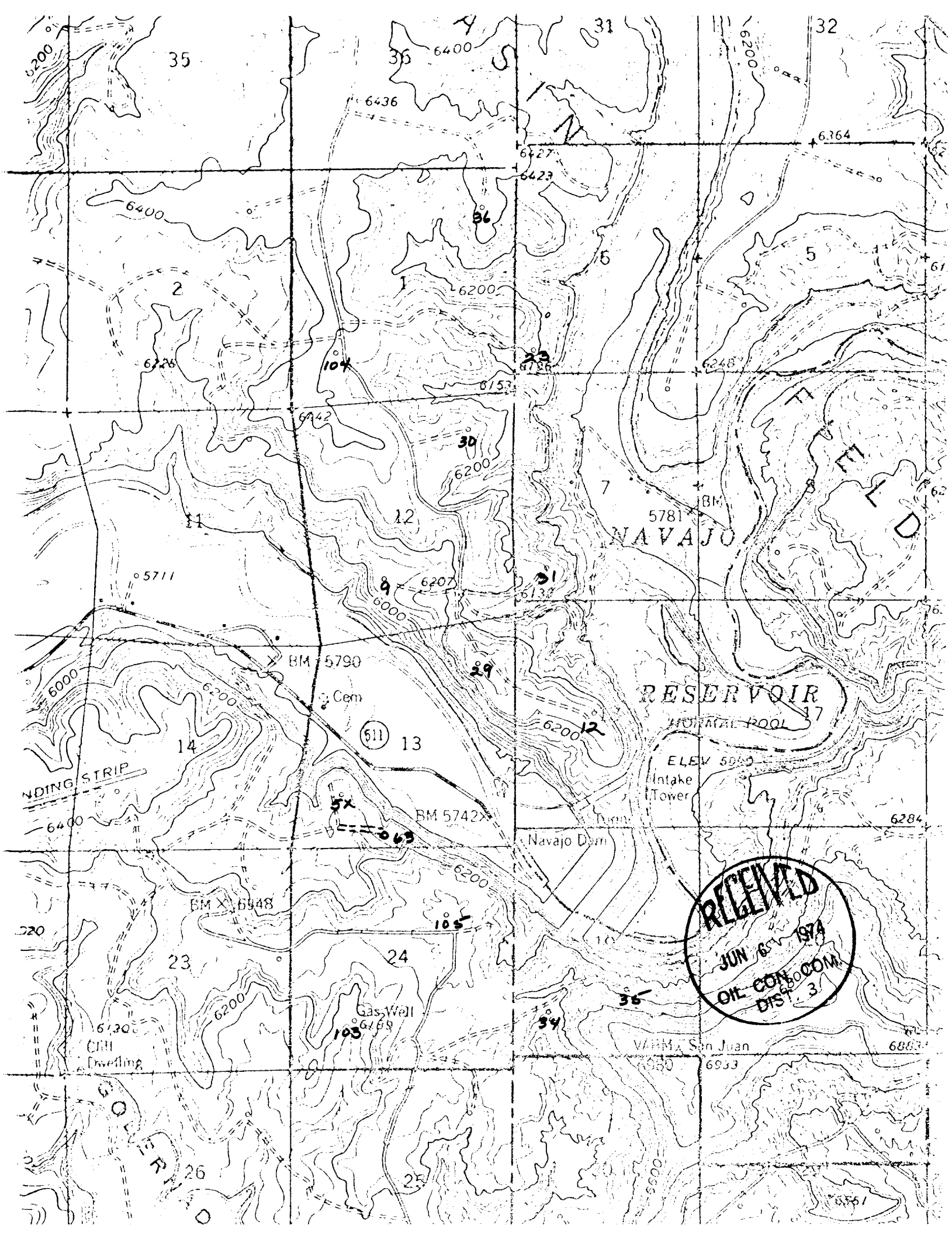
Very truly yours,

BLACKWOOD & NICHOLS COMPANY



DeLasso Loos
District Manager

DL;lw
Encls.



Blackwood & Nichols Company
Northeast Blanco Unit #63
350' F/SL - 1890' F/WL Sec. 13-30N-8W
San Juan County, New Mexico

