

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87501-2088

RECEIVED

NOV 30 1989

API NO. (assigned by OCD on New Wells)

30-045-27536

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

Fee, Tract #47

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEEN ☐

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, CO 81302

7. Lease Name or Unit Agreement Name

Northeast Blanco Unit

8. Well No.

462

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter N : 805 Feet From The South Line and 1370 Feet From The West Line

Section 1 Township 31N Range 7W NMPM San Juan County

10. Proposed Depth

3473'

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

6057' GL

14. Kind & Status Plug. Bond

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

November 30, 1989

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	36#	300'	250 sx	circulate
8-3/4"	7"	23#	3250'	(A)	circulate
6-1/4"	(B)	(B)	3473'	(B)	(B)

(A) 450 sx of lead, 65/35 POZ + 6% gel + .6% FLA + 1/4 #/sk LCM.
100 sx of tail, neat cement with 1/4 #/sk LCM.

(B) Blackwood & Nichols Co., Ltd. proposes to drill a Fruitland Coal well to further develop the Northeast Blanco Unit. 7" casing will be top set above the coal zones using a low solids mud with sufficient weight for well control. Completion rig will be equipped to drill a 6-1/4" hole with water. The well's natural flow capacity will indicate the need for a 5-1/2", 23 #/ft P-110 uncemented pre-drilled liner, or a 4-1/2" 17#/ft N-80 cemented liner for fracture stimulation.

(C) Attached you will find: 1) C-102; 2) vicinity map; 3) area map; 4) drilling pad and access plat; 5) archaeology letter.

Surface ownership is Bureau of Land Management.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE 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.

SIGNATURE William F. Clark TITLE Operations Manager DATE 11-29-89

TYPE OR PRINT NAME William F. Clark

TELEPHONE NO.

(This space for State Use)

APPROVED BY James A. Buck

CONDITIONS OF APPROVAL DERIVATIVE OIL & GAS INSPECTOR, DIST. #3

APPROVAL EXPIRES 5-30-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

DATE NOV 30 1989

Hold C-104 out for further review of #212 + N80

W.D. Dams

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

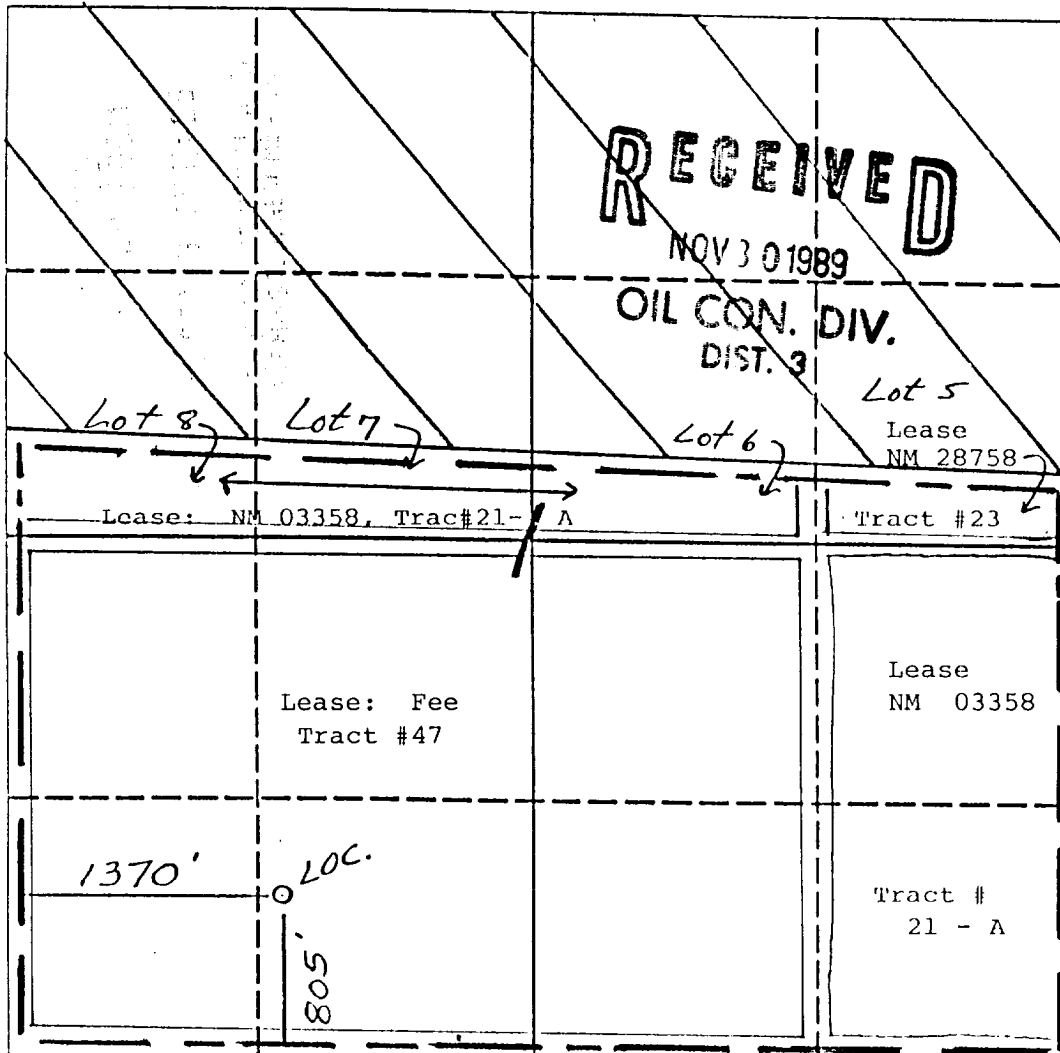
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Blackwood & Nichols Co., LTD.			Lease Northeast Blanco Unit		Well No. 462
Unit Letter N	Section 1	Township 31 North	Range 7 West	County San Juan	
Actual Footage Location of Well: 805 feet from the South line and 1370 feet from the West line					
Ground level Elev. 6057'		Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 367.08 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

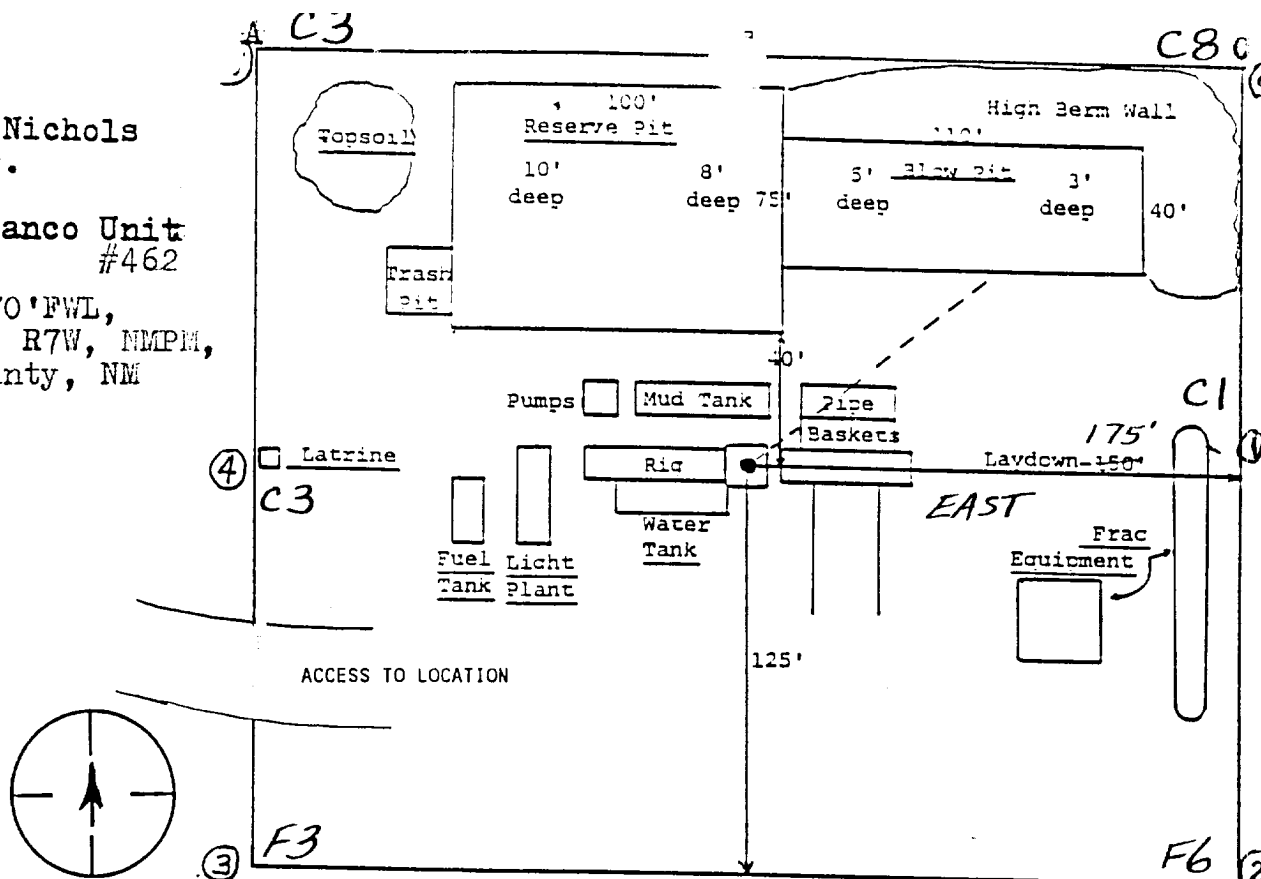
Signature William F. Clark
Printed Name William F. Clark
Position Operations Manager
Company Blackwood & Nichols
Date August 9, 1989

SURVEYOR CERTIFICATION

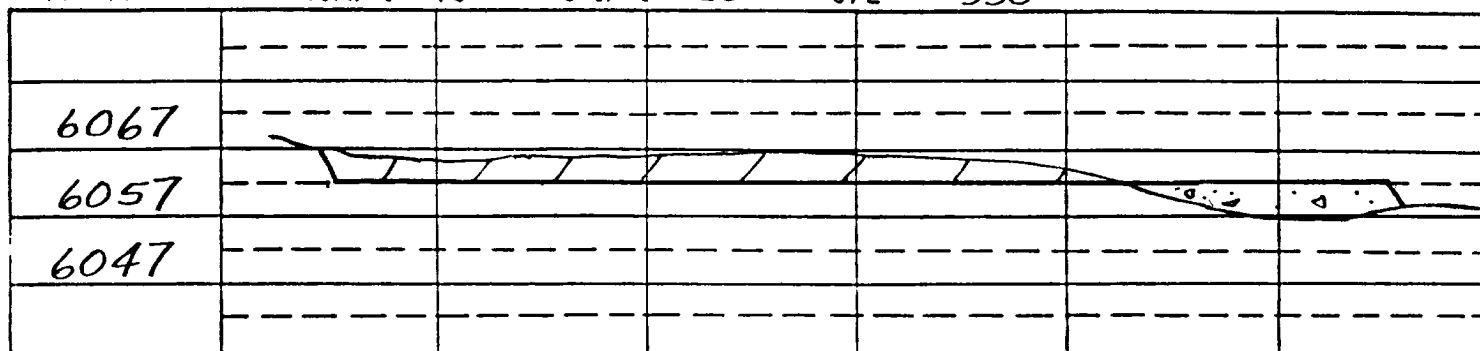
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed Aug 9, 1989
Signature and Seal of Neale O. Edwards
Professional Surveyor
Certificate No. 6857

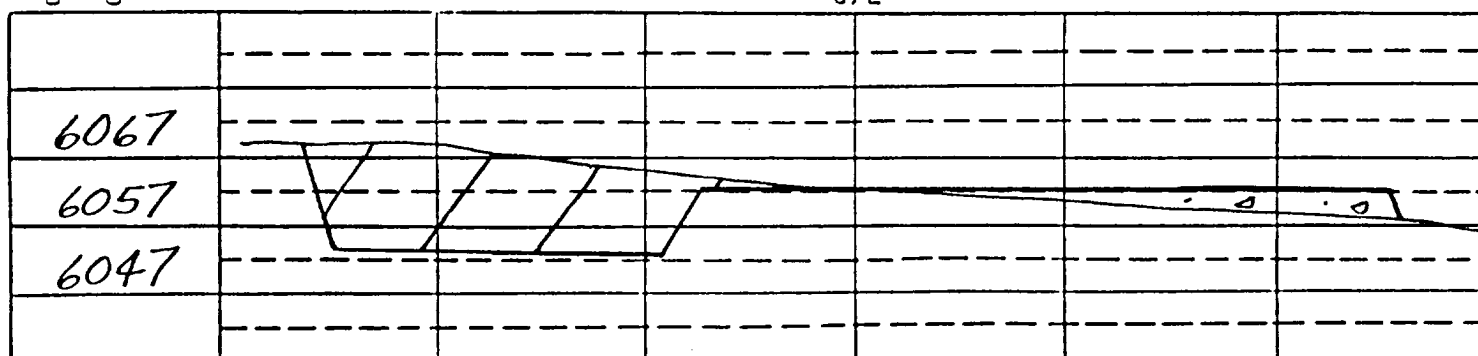
805'FSL, 1370'FWL,
Sec.1, T31N, R7W, NMPM,
San Juan County, NM



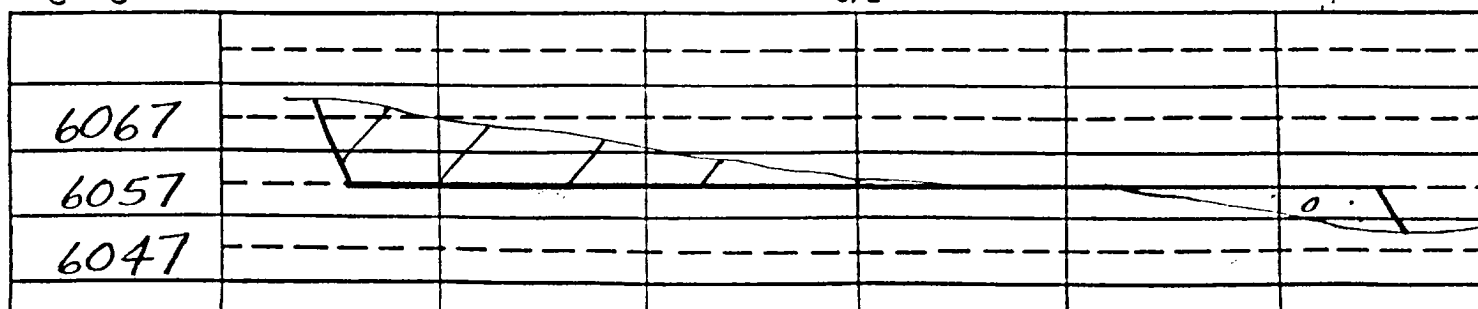
~~300~~
3.50

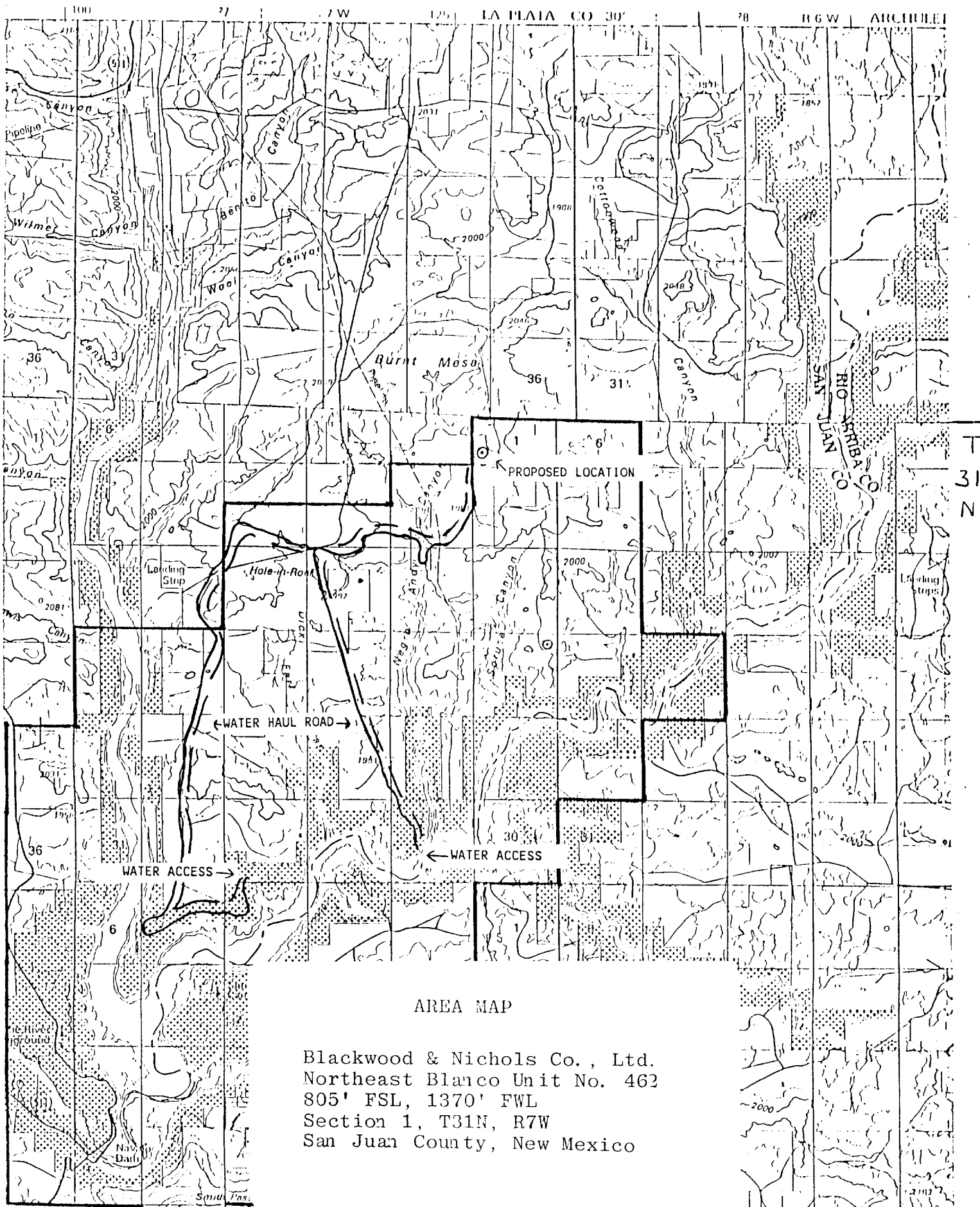


C/L



C/L





AREA MAP

Blackwood & Nichols Co., Ltd.
 Northeast Blanco Unit No. 462
 805' FSL, 1370' FWL
 Section 1, T31N, R7W
 San Juan County, New Mexico

R6W



MOORE ANTHROPOLOGICAL RESEARCH

P.O. Box 1156, Aztec, New Mexico 87410

(505) 334-6675

August 11, 1989

Jim Abbey
Blackwood and Nichols Co., Ltd.
P.O. Box 1237
Durango, Colorado 81302-1237

Dear Mr. Abbey:

Enclosed you will find a copy of our report for a proposed gas well location the Northeast Blanco Unit 462 located on Burnt Mesa, San Juan County, New Mexico. Two archaeological sites and three isolated loci were discovered.

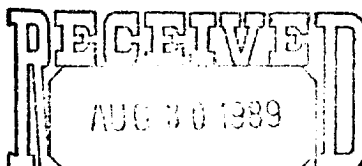
We have recommended clearance with the recommendation that construction of the well be monitored. The Bureau of Land Management will make the final clearance determination after reviewing our report and will notify you of their decision.

An invoice for our services is enclosed. We have enjoyed working with you on this project and look forward to serving you in the future. If you have any questions concerning this report feel free to contact us.

Sincerely,

Roger A. Moore

cc:Bureau of Land Management, Farmington Resource Area (3)



BLACKWOOD & NICHOLS CO., LTD.