

(505) 326-7793  
**RECEIVED**

August 18, 1989

New Mexico Oil Conservation Division  
Attn: Michael Stogner  
P O Box 2088  
Santa Fe, New Mexico 87504

**AUG 21 1989**

**OIL CONSERVATION DIV.  
SANTA FE**

RE: Application for Administrative Approval of  
Directional Drilling  
Nassau Resources, Inc., Carracas Unit 17 B #14  
Section 17, T32N, R4W, NMPM  
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Nassau Resources, Inc., hereby requests administrative approval to directionally drill the subject well as follows:

Proposed Surface Location:	790' FSL and 1850' FWL
Proposed Bottom Hole Location:	1850' FSL and 790' FWL (within a 50' radius)
True Vertical Depth:	Approx. 4230'
Measured Depth:	Approx. 4628'

The well is approved at a legal location, but is only 1800' west of the NRI Carracas Unit 17 B #15 (completed 7/15/89) and approximately 1900' north northeast of the NRI Carracas Unit 20 B #3 (completed 4/18/89). Due to Carson National Forest policy in wildlife management and limitations on unnecessary road construction, the well cannot be located more to the north and west, which will be a more desirable geological target. A copy of a letter from Phil Settles, the District Forest Ranger, is attached.

This well is in Nassau's Carracas Unit. All offsetting leases except the S/2 S/2 of Sec. 7, T32N, R4W, are owned by Kindermac Partners, an operating affiliate with Nassau Resources, Inc. A lease map is attached.

Also attached are copies of the C-102 plat, a topographic map (showing both the surface and bottom hole locations) and a schematic of the well bore.

Please contact me immediately if anything further is required to complete this application.

Thank you,

*Fran Perrin*  
Fran Perrin

Main Office  
Jerome P. McHugh & Associates  
Operating Affiliate: Nassau Resources, Inc.  
650 South Cherry, Suite 1225  
Denver, Colorado 80222  
(303) 321-2111

xc: Ernie Busch, NMOCD  
Kindermac Partners

Attachments

\* - 9/18/89 Verbal acknowledged by  
*Charles Colburn*

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

Operator Nassau Resources, Inc.		Lease Carracas Unit 17 B		Well No. 14
Unit Letter N	Section 17	Township 32 North	Range 4 West	County Rio Arriba
Actual Footage Location of Well: 790 feet from the SOUTH line and 1850 feet from the WEST line				
Ground Level Elev. 7435	Producing Formation Fruitland	Pool Basin Fruitland Coal	Dedicated Acreage: 320 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Carracas Unit - 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 Division.

NM 28277  
Kindermac Partners

Application for Directional  
Drilling  
Carracas Unit 17 B #14

SECTION 17

## CERTIFICATION

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

*Fran Perrin*

Name

Fran Perrin

Position

Admin. Asst.

Company

Nassau Resources, Inc.

Date

12/8/88

I hereby certify that the location shown on this plat was located from field notes of actual survey 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

6-16-88

Registered Professional Engineer  
and/or Land Surveyor

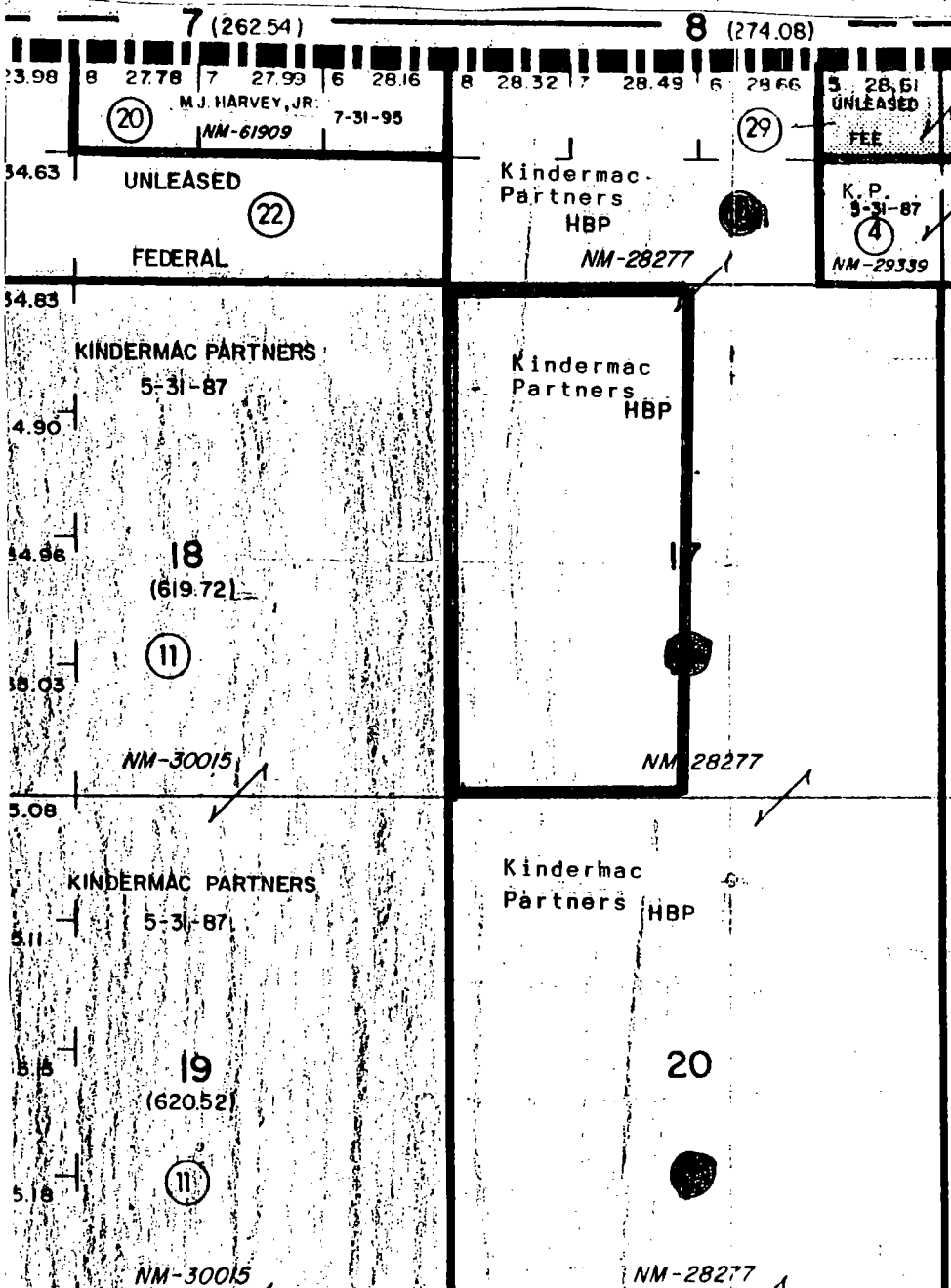
*Edgar L. Risenhoover*

Certificate No. 5979

Edgar L. Risenhoover, L.S.

Lease Plat

Township 32 North, Range 4 West, Rio Arriba County, New Mexico



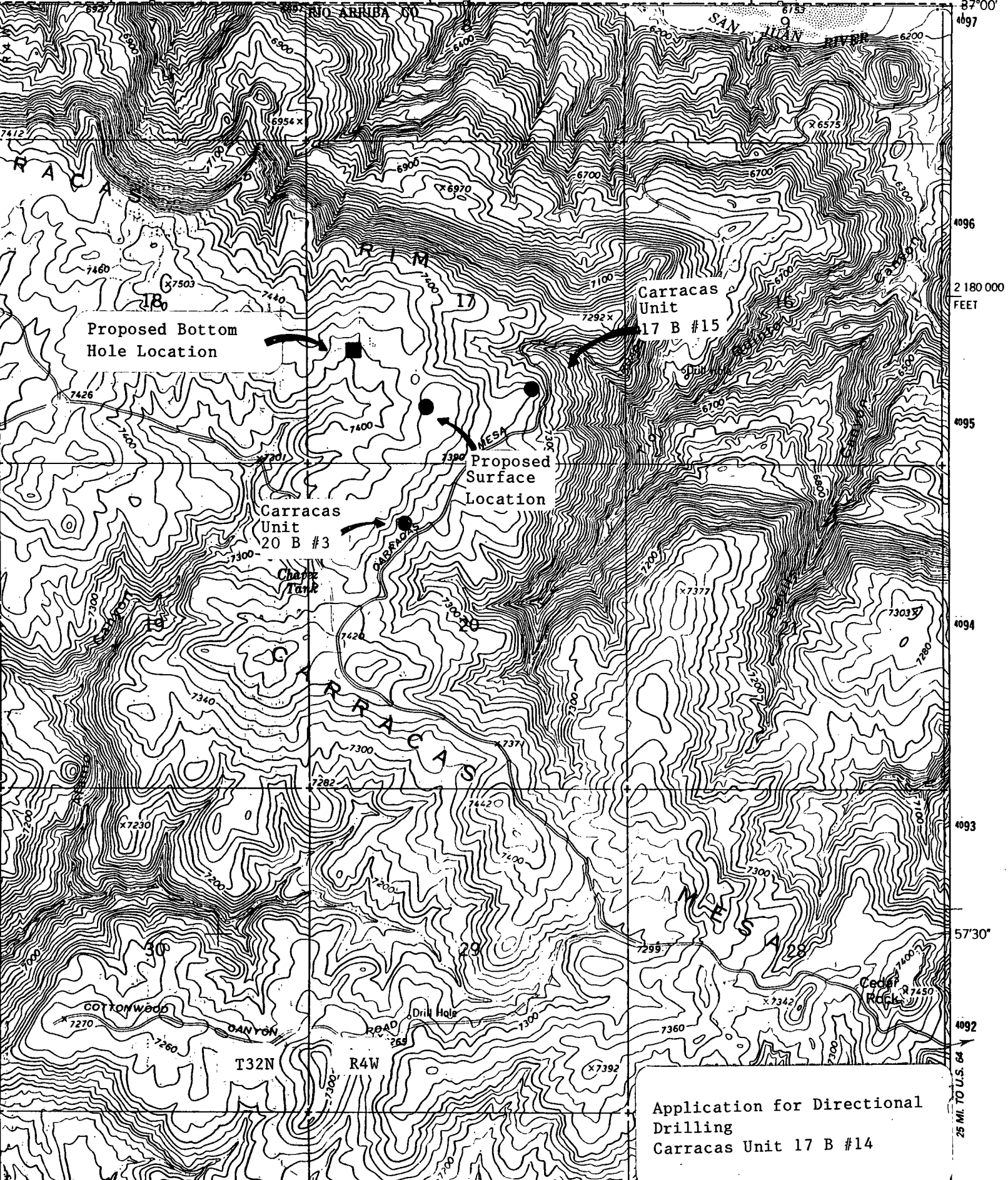
OPERATING AFFILIATES:  
Kindermac Partners

UNLEASED FEDERAL MINERALS:  
S/2 S/2 of Sec. 7,  
T32N, R4W, NMPM  
(Parcel 22)



BANCOS MESA QUADRANGLE  
NEW MEXICO  
7.5 MINUTE SERIES (TOPOGRAPHIC)

295 234 17'30" ARCHULETA CO 233 200 000 FEET 298 232 299 107°15' 87°00'

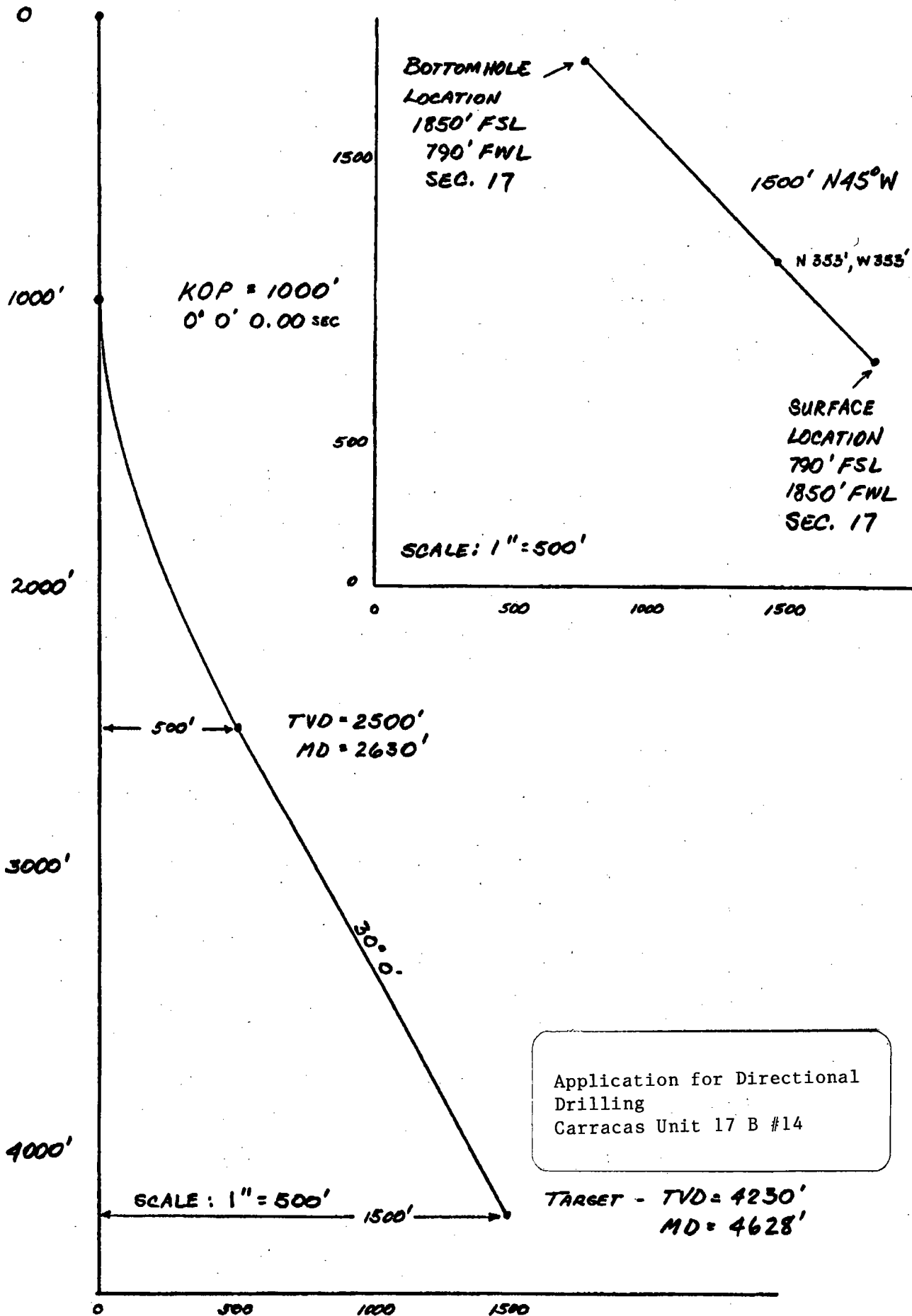


Application for Directional  
Drilling  
Carracas Unit 17 B #14

PAGOS 45  
2 180 000 FEET  
4096  
4095  
4094  
4093  
4092  
57°30'  
25 MI. TO U.S. 64

DIRECTIONAL WELL PLAN

SECTION 17, T32N, R04W  
RIO ARRIBA, NM



Application for Directional  
Drilling  
Carracas Unit 17 B #14



United States  
Department of  
Agriculture

Forest  
Service

Jicarilla  
Ranger District

Gobernador Route  
Blanco, NM 87412

Reply to: 2820

Date: August 3, 1988

Mr. James Hazen  
Nassau Resources, Inc.  
P.O. Box 809  
Farmington, New Mexico 87499

Dear James:

It was brought to my attention by Mike Atchison that you will be needing to apply for some unorthodox locations for some of the wells in the Carracas Unit. The current location in need of unorthodox approval is the well location just northwest of the Carracas Administrative site, Section 18, T. 32 N., R. 4 W. The need for moving the location to the new site is based upon wildlife habitat protection and in keeping within the guidelines set forth in the Carson Forest Plan. The Plan, as you know, has a major emphasis in wildlife and wildlife habitat. Also key to this request for moving the location is the current Off-Road-Vehicle restriction policy in place over the entire Carracas Unit. This restriction is in place to limit off-road-vehicle travel within a key wildlife management area so that security area will not be lost by unnecessary road construction.

Whenever possible, locations will be required to be placed along open access roads. Further unorthodox locations can be expected within the Carracas Unit to keep in line with the management direction set forth for this area.

Because of this management direction and the probability of future relocations, I would hope the approval of these unorthodox locations can become routine. If not, please don't hesitate to contact me for further help or if needed to appear in person before the approving officer. If you have any questions, please give me a call.

Sincerely,

*Philip R. Settles*

PHILIP R. SETTLES  
District Forest Ranger

Jerome P. McHugh  
Farmington, N.M.

CARING FOR THE LAND AND SERVING PEOPLE



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August 18, 1989

New Mexico Oil Conservation Division  
Attn: Michael Stogner  
P O Box 2088  
Santa Fe, New Mexico 87504

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Section 17, T32N, R4W, NMPM  
Rio Arriba County, New Mexico

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Also attached are copies of the C-102 plat, a topographic map (showing both the surface and bottom hole locations) and a schematic of the well bore.

Please contact me immediately if anything further is required to complete this application.

Thank you,

*Fran Perrin*  
Fran Perrin

xc: Ernie Busch, NMOCD  
Kindermac Partners

Attachments

Main Office  
Jerome P. McHugh & Associates  
Operating Affiliate: Nassau Resources, Inc.  
650 South Cherry, Suite 1225  
Denver, Colorado 80222  
(303) 321-2111



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

Operator Nassau Resources, Inc.			Lease Carracas Unit 17 B			Well No. 14
Unit Letter N	Section 17	Township 32 North	Range 4 West	County Rio Arriba		
Actual Footage Location of Well 790 feet from the SOUTH line and 1850 feet from the WEST line						
Ground Level Elev. 7435	Producing Formation Fruitland		Pool Basin Fruitland Coal		Dedicated Acreage 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
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☒ Yes ☐ No If answer is "yes," type of consolidation Carracas Unit - Unitization

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

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NM 28277  
Kindermac Partners

Application for Directional  
Drilling  
Carracas Unit 17 B #14

SECTION 17

1850'

790'

## CERTIFICATION

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

*Fran Perrin*

Name

Fran Perrin

Position

Admin. Asst.

Company

Nassau Resources, Inc.

Date

12/8/88

I hereby certify that the location shown on this plat was taken from field notes of a survey 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

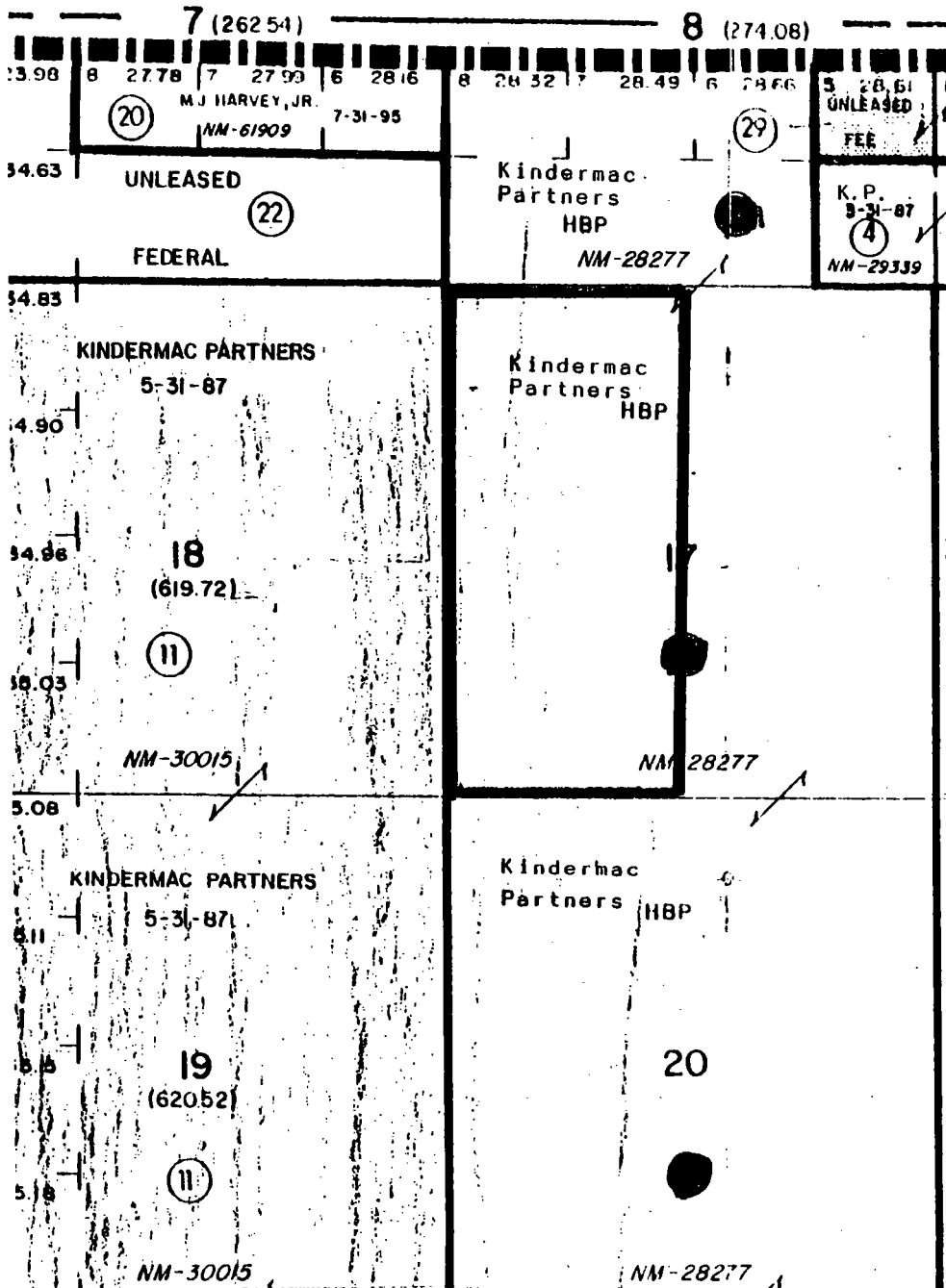
6-16-88

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979

Lease Plat

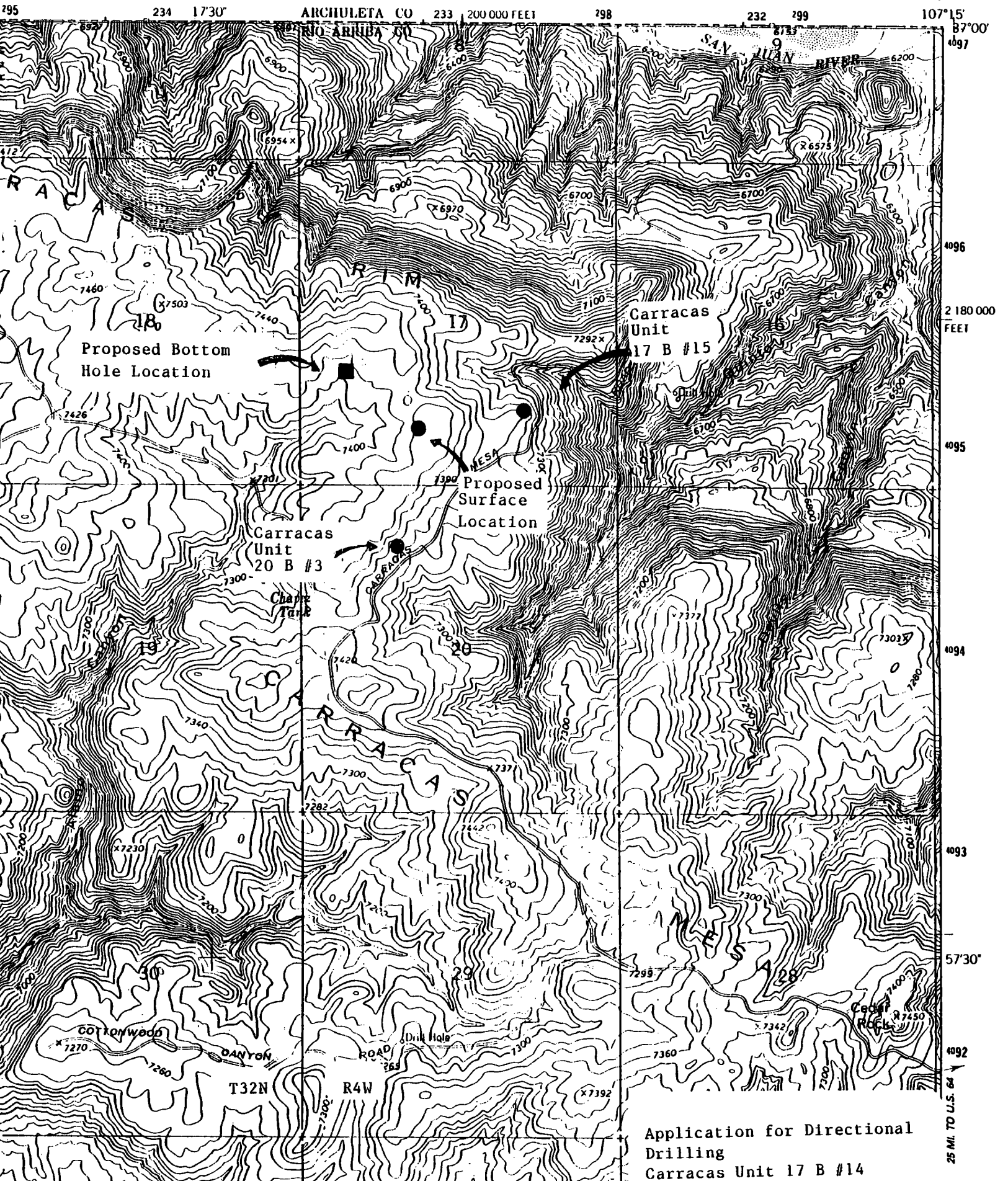
Township 32 North, Range 4 West, Rio Arriba County, New Mexico



OPERATING AFFILIATES:  
Kindermac Partners

UNLEASED FEDERAL MINERALS:  
S/2 S/2 of Sec. 7,  
T32N, R4W, NMPM  
(Parcel 22)

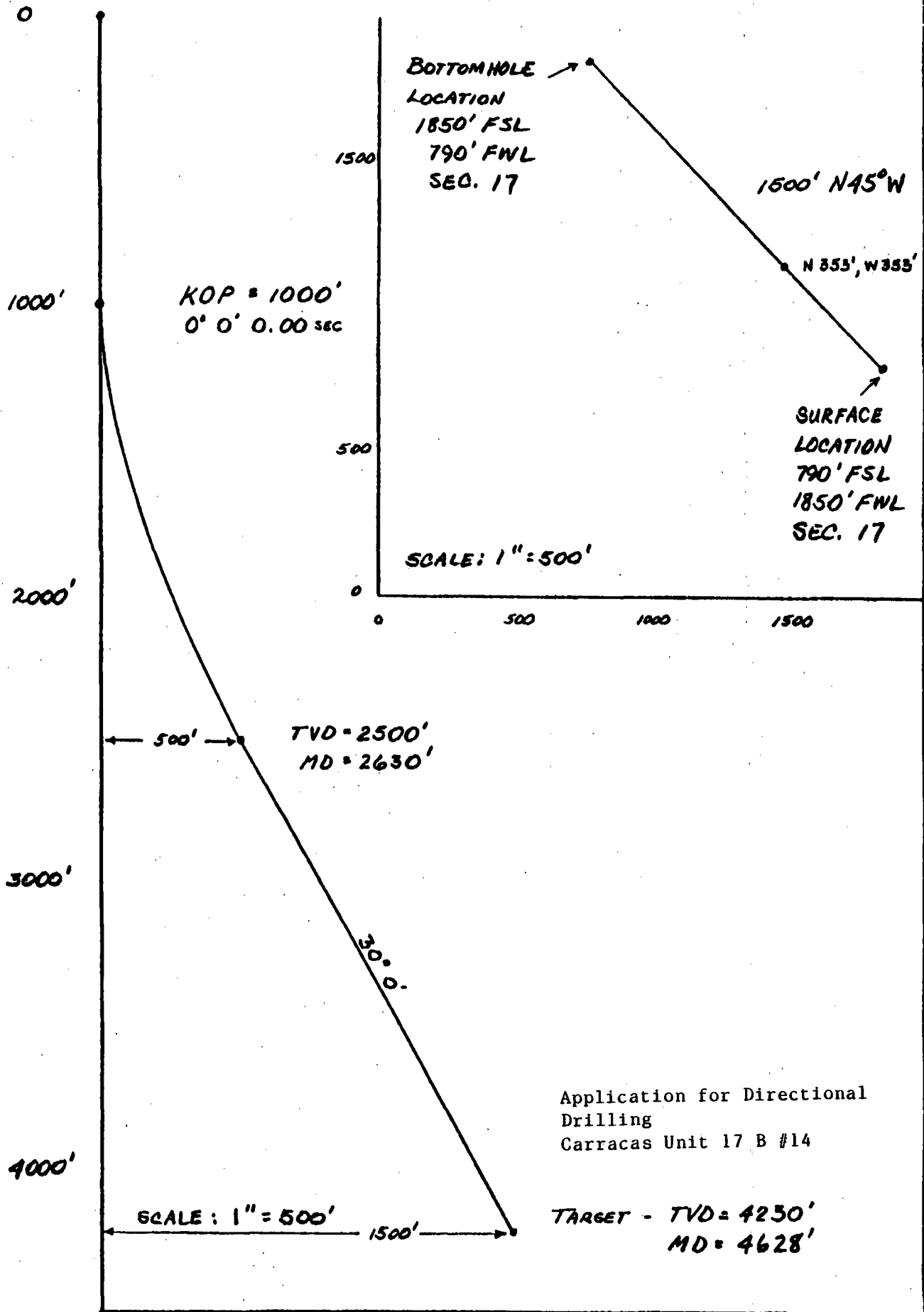
BANCOS MESA QUADRANGLE  
NEW MEXICO  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Application for Directional  
Drilling  
Carracas Unit 17 B #14

# DIRECTIONAL WELL PLAN

SECTION 17, T32N, R04W  
RIO ARRIBA, NM





United States  
Department of  
Agriculture

Forest  
Service

Jicarilla  
Ranger District

Gobernador Route  
Blanco, NM 87412

Reply to: 2820

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Kindermac Partners

Attachments

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Application for Directional  
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Carracas Unit 17 B #14

SECTION 17

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Name

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Position

Admin. Asst.

Company

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Date

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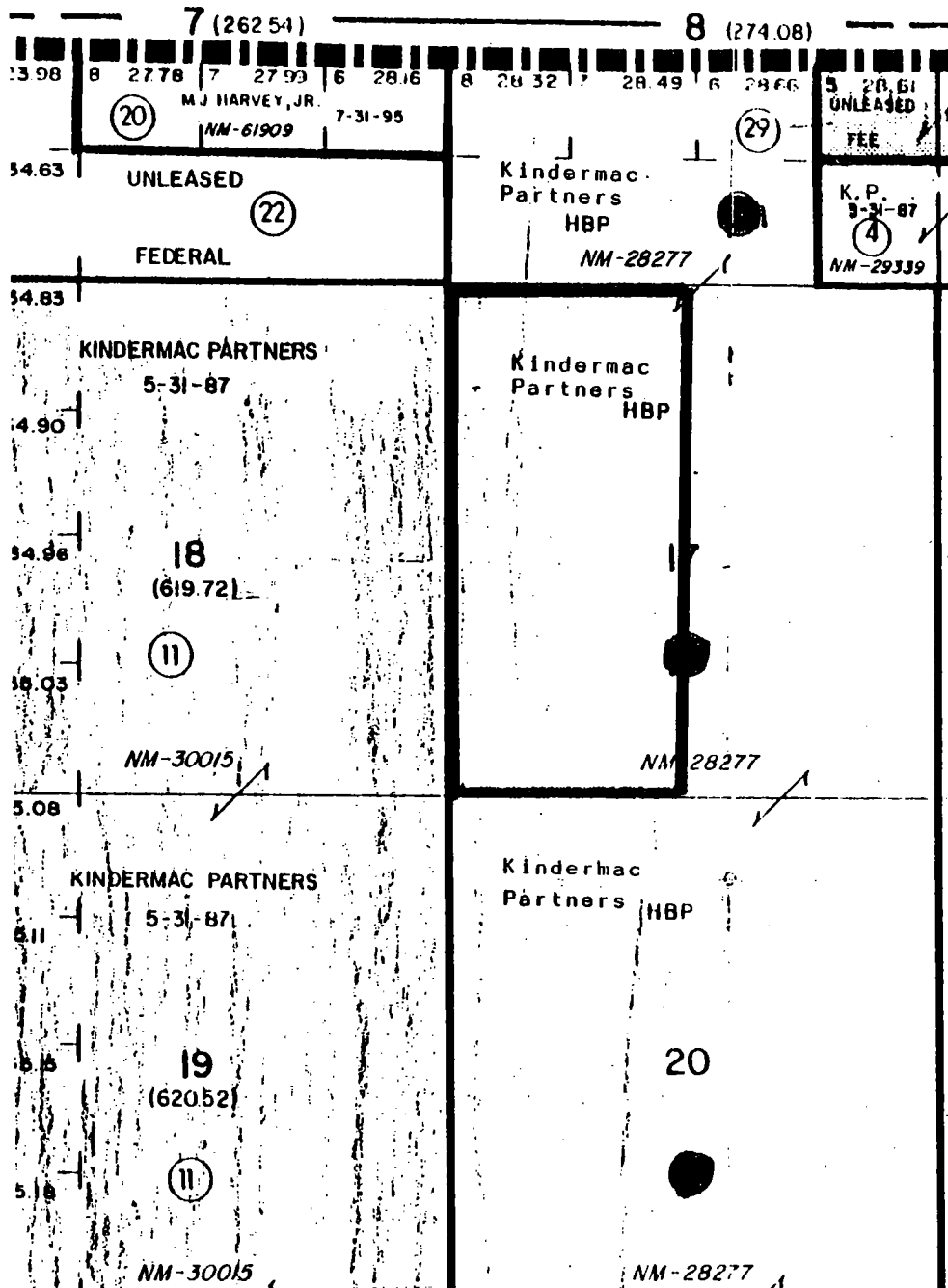
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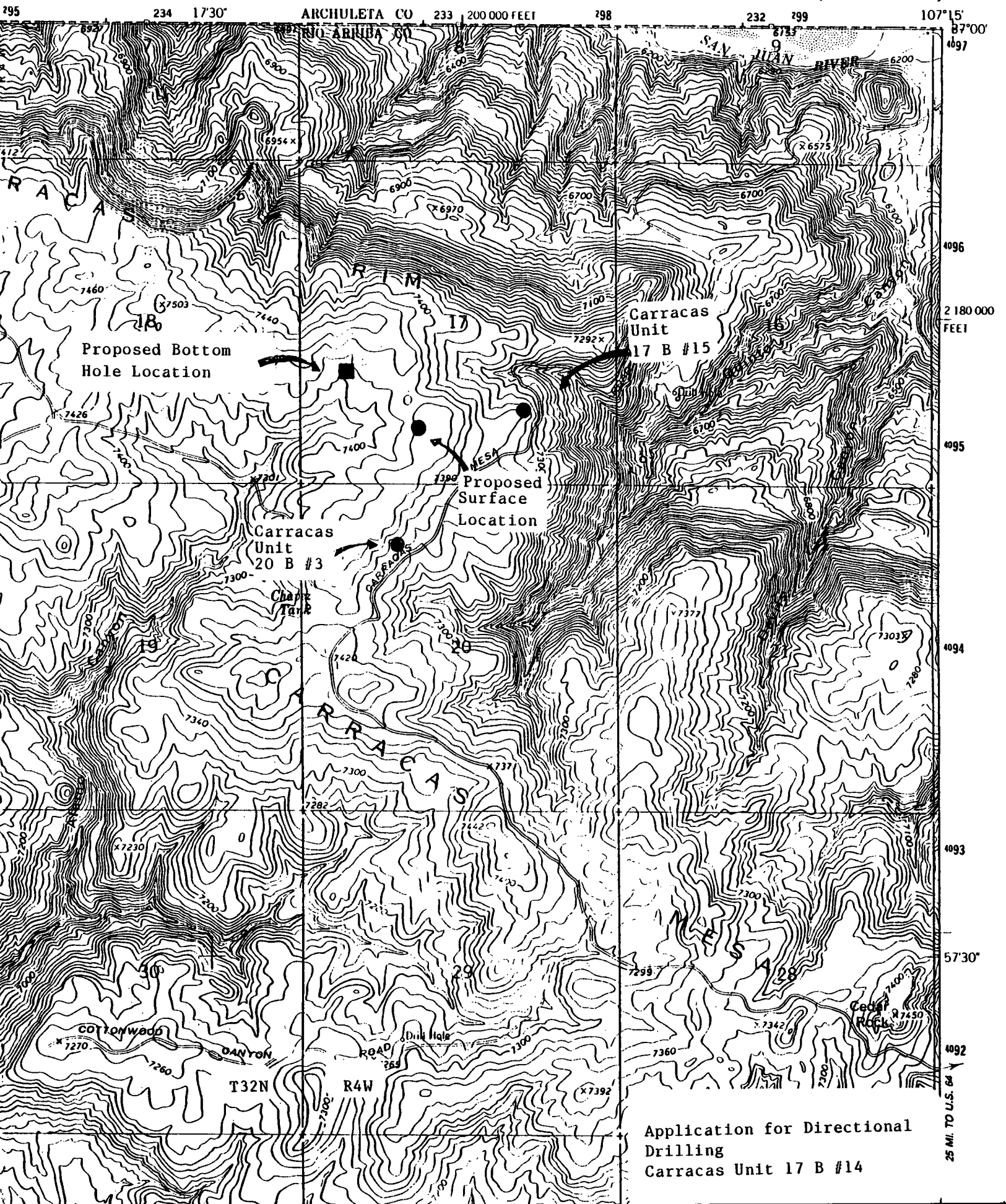


OPERATING AFFILIATES:  
Kindermac Partners

UNLEASED FEDERAL MINERALS:  
S/2 S/2 of Sec. 7,  
T32N, R4W, NMPM  
(Parcel 22)



BANCOS MESA QUADRANGLE  
NEW MEXICO  
7.5 MINUTE SERIES (TOPOGRAPHIC)



TARGET - TVD = 4250'  
MD = 4628'



United States  
Department of  
Agriculture

Forest  
Service

Jicarilla  
Ranger District

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District Forest Ranger

Jerome P. McHugh  
Farmington, N.M.

CARING FOR THE LAND AND SERVING PEOPLE



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