

*NSP-1597. affirm*

*21*  
April 19, 2000

*Rec: 3-31-00*  
*Susp: 4-20-00*  
*Released: 4-21*

Nassau Resources, Inc.  
650 South Cherry - Suite 1225  
Denver, Colorado 80222-1894

Telefax No. (303) 321-1563

Attention: Gary J. Johnson

**Re: Affirmation of Division Administrative Order NSP-1597 (L)**

Dear Mr. Johnson:

Reference is made to your letter of petition dated March 27, 2000, which included supporting information and notice to off-set operators, essentially requesting the affirmation of Division Administrative Order NSP-1597 (L).

By Division Administrative Order NSP-1597 (L), dated April 9, 1990, the Division established a 236.72-acre non-standard gas spacing and proration unit in the Basin-Fruitland Coal (Gas) Pool comprising Lots 1 through 4 and the S/2 N/2 (N/2 equivalent) of irregular Section 10, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, to be dedicated to Nassau Resources, Inc.'s ("Nassau") proposed Carracas Unit "10-A" Well No. 8 (**API No. 30-039-24854**), to be drilled at an unorthodox coal gas well location 800 feet from the North line and 550 feet from the East line (Unit H) of Section 10.

Under the provisions of Rules 6 and 8 of the "*Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool*," as promulgated by Division Order No. R-8768, as amended, Division Administrative Order NSP-1597 (L), dated April 9, 1990, shall remain in full force and effect until further notice.

Jurisdiction of this matter shall be further retained for the entry of any such subsequent orders as the Division may deem necessary.

Sincerely,

LORI WROTENBERY  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
U. S. Forest Service - Bloomfield  
File: NSP-1597 (L)

4-20

MERIDIAN OIL

190 MAR 18 AM 9 09

March 14, 1990

New Mexico Oil Conservation Division  
Attention: Mr. Michael Stogner  
Post Office Box 2088  
Santa Fe, New Mexico 87504

Re: Application of Unorthodox  
Location and Non-Standard  
Spacing Unit  
Carracas Unit 10 A #8  
Section 10, T-32-N, R-5-W  
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Please be advised that Meridian Oil Inc., on behalf of Southland Royalty Company has no objection to the unorthodox location and non-standard spacing unit requested by Nassau Resources, Inc. for the above referenced well.

Should you require further information, please advise.

Very truly yours,



S. W. Nance  
Engineering Manager

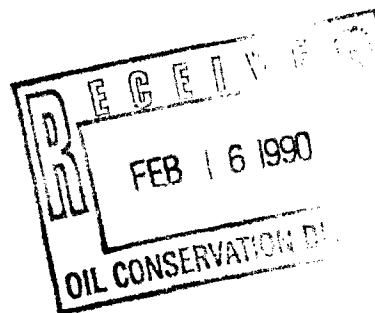
SWN:AA:gm

45+

cc: Jerome P. Mchugh & Associates  
P.O. Box 809  
Farmington, New Mexico 87499

February 14, 1990

New Mexico Oil Conservation Division  
ATTN: Mike Stogner  
P O Box 2088  
Santa Fe, New Mexico 87504



RE: Application for Unorthodox Location and  
Non-standard Proration Unit  
Nassau Resources, Inc.  
Carracas Unit 10 A #8  
800' FNL - 540' FEL  
Sec. 10, T32N, R5W, NMPM  
Rio Arriba County, N. M.

Gentlemen:

Nassau Resources, Inc. hereby requests administrative approval of an unorthodox location for the captioned well based upon topographic conditions and Carson National Forest requirements.

As indicated by the attached topographic map, the terrain in this section is extremely rough and no other drill sites are feasible which meet Carson National Forest guidelines for development. Also cultural resources have ruled out development of other locations in this section.

Nassau Resources, Inc. also requests administrative approval of a non-standard proration unit. Section 12 is a fractional section, bordering the State of Colorado on the north. The non-standard proration unit consists of 236.72 acres.

This well is in Nassau's Carracas Unit. Amoco Production Co. and Meridan Oil, offsetting operators as indicated by the attached lease plat, have been notified of this application by certified mail. Kindermac Partners is an operating affiliate with Nassau Resources, Inc. and has been notified of this application.

Also attached are the C-102 plat, lease plat, production map, and a copy of a letter from Philip Settles of the Jicarilla Ranger District of Carson National Forest.

NASSAU RESOURCES, INC.

Application for Unorthodox Location and NSP  
February 14, 1990

Page 2

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

Respectfully submitted,



Fran Perrin  
Admin. Asst.

FP/cm  
Attachments

XC: Ernie Busch, NMOCD, NM  
Kindermac Partners  
Amoco Production Co.  
Meridian Oil

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 Nassau Resources, Inc.			Lease Carracas Unit 10 A		Well No. 8
Unit Letter H	Section 10	Township 32 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 800 feet from the North line and 540 feet from the East line					
Ground level Elev. 7590	Producing Formation Basin Fruitland Coal		Pool Fruitland Coal	Dedicated Acreage: 236.72 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 - Carracas Unit

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.

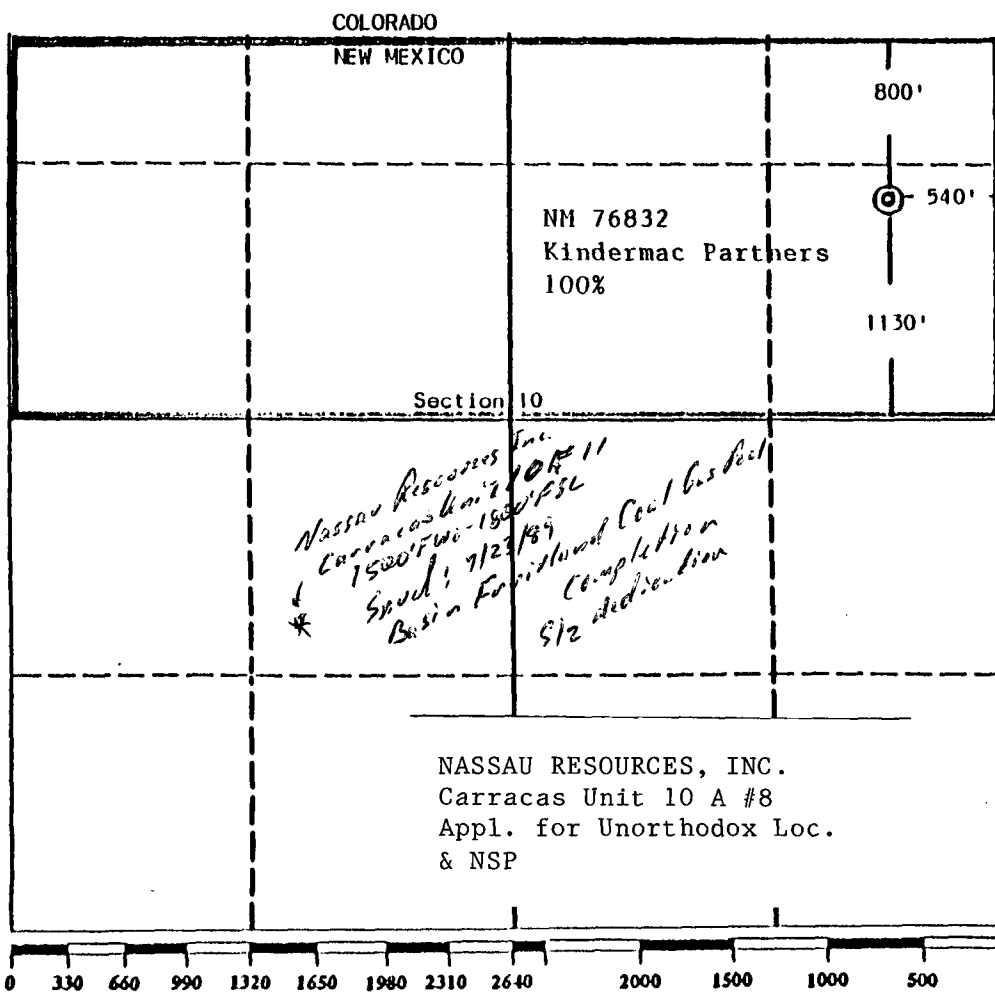
Signature Fran Perrin  
Printed Name Fran, Perrin  
Position Admin. Asst.  
Company Nassau Resources, Inc.  
Date 1-22-90

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 October 11, 1989

Signature & Seal of Professional Surveyor  
Edgar L. Risenhoover  
Certificate No. 5979  
Edgar L. Risenhoover



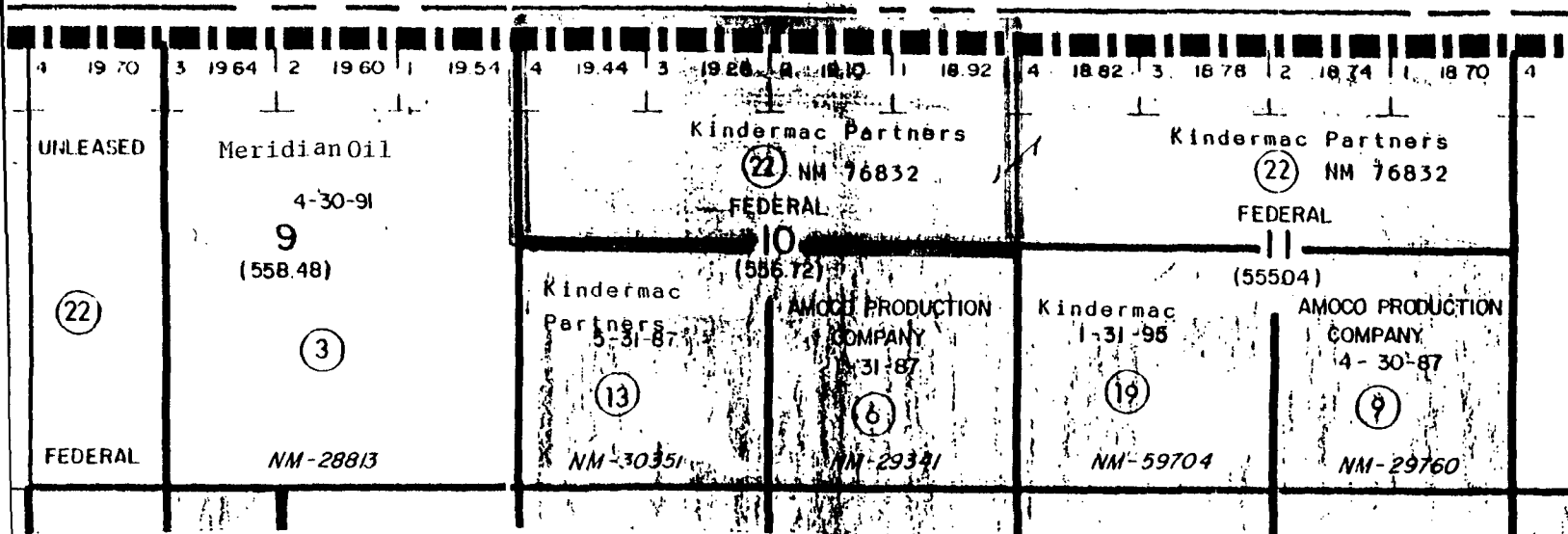
LEASE PLAT

Township 32 North, Range 5 West

Rio Arriba County, New Mexico

**R 5 W**

**C**



Offsetting Operators:

Meridian Oil

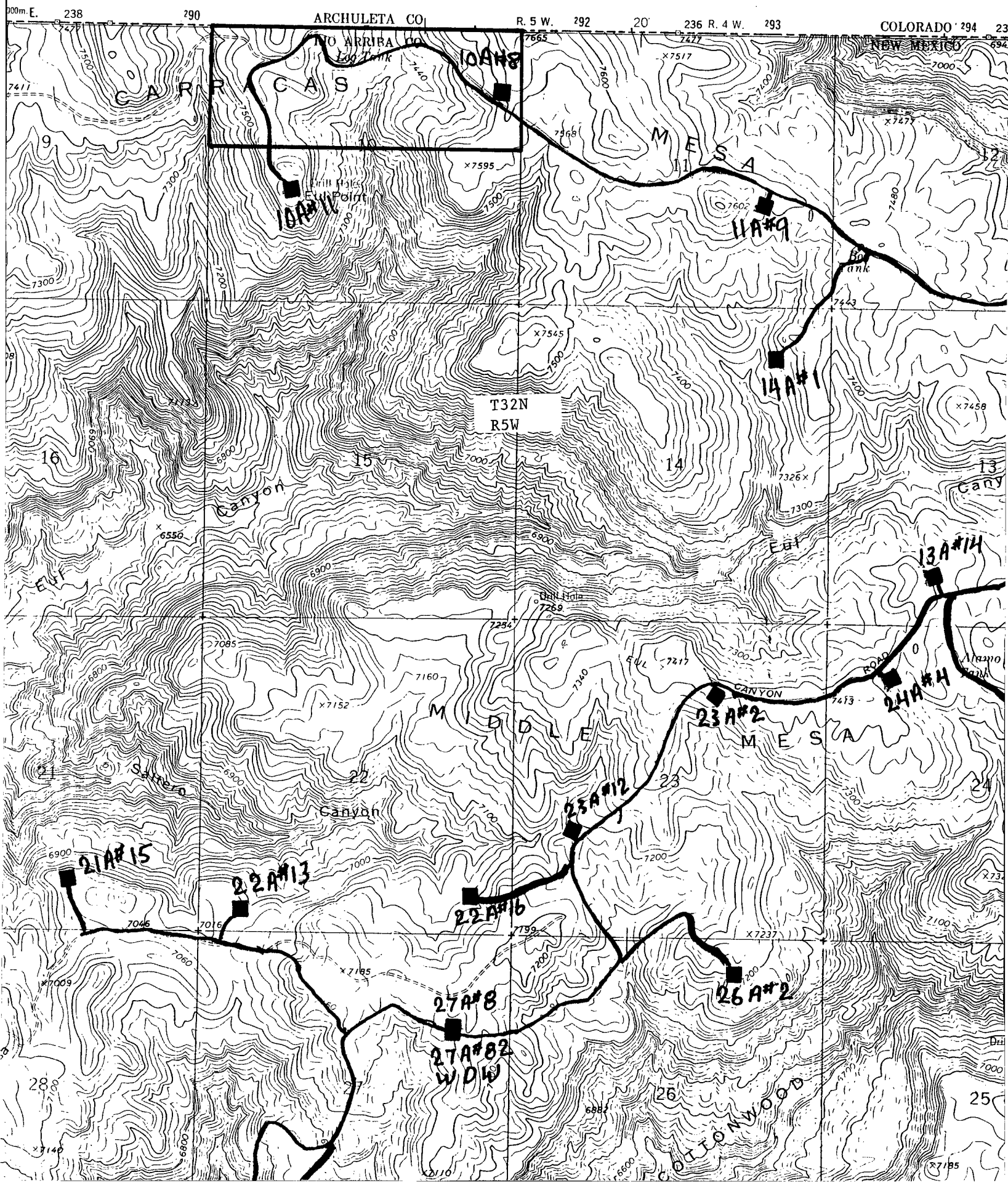
Amoco Production Co., Party to the unit

Kindermac Partners, Operating Affiliate of Nassau Resources, Inc.

NASSAU RESOURCES, INC.  
Carracas Unit 10 A #8  
Appl. for Unorthodox Loc.  
& NSP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

NASSAU RESOURCES, INC.  
Carracas Unit 10 A #8  
Appl. for Unorthodox Loc.  
& NSP



23

24

19

1 mile

COLO.

N. M.

Nassau

RIO

Nassau

9

L.P.G.S.

10

11

1-10  
F  
M  
D  
3

Carracus 10A  
San Juan 32.5 Unit

Carracus Ut. 11A

Nassau

102 Pan Am  
Nassau

16

15

Carracus 14A

T32N  
R5W

NASSAU RESOURCES, INC.  
Carracas Unit 10 A #8  
Appl. for Unorthodox Loc.  
& NSP

16  
Carracus 15A

13  
San Juan 32.5 Unit

Nassau

Nassau

land





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



AUG 9 1988

**RECEIVED**

Nassau Resources, Inc.  
Carracas Unit 10 A #8  
Appl. for Unorthodox Loc.  
and NSP

February 14, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Meridian Oil  
Attn: Land Department  
P O Box 4289  
Farmington, N. M. 87499

RE: Application for Unorthodox Location and  
Non-standard Proration Unit  
Nassau Resources, Inc.  
Carracas Unit 10 A #8  
Sec. 10, T32N, R5W, NMPM  
Rio Arriba County, N. M.

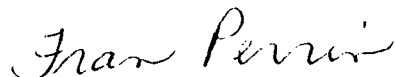
Gentlemen:

Enclosed is a copy of the subject Application for Unorthodox Location and Non-standard Unit.

As an offsetting operator, if Meridian Oil has no objection to this application, we request that you notify the Oil Conservation Division as soon as possible. Please send a waiver to the attention of Michael Stogner, New Mexico Oil Conservation Division, P O Box 2088, Santa Fe, New Mexico 87504.

Please feel free to call if you have any questions.

Thank you,



Fran Perrin

Enclosure

FP/cm  
xc: NMOCD, Santa Fe, NM

February 14, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Amoco Production Co.  
Attn: J W Hawkins - Land Department, Proration Group  
P O Box 800  
Denver, CO 80201

RE: Application for Unorthodox Location and  
Non-standard Proration Unit  
Nassau Resources, Inc.  
Carracas Unit 10 A #8  
800' FNL - 540' FEL  
Sec. 10, T32N, R5W, NMPM  
Rio Arriba County, N. M.

Dear Mr. Hawkins:

Enclosed is a copy of the subject Application for Unorthodox  
Location and Non-standard Proration Unit.

Amoco Production Co. is a party to the Nassau Resources, Inc.,  
Carracas Unit; if Amoco has no objection to this application, we  
request that you notify the Oil Conservation Division as soon as  
possible. Please send a waiver to the attention of Michael  
Stogner, New Mexico Oil Conservation Division, P O Box 2088,  
Santa Fe, N. M. 87504.

Please feel free to call if you have any questions.

Thank you,

  
Fran Perrin

FP/cm

Enclosure

xc: NMOCD, Santa Fe, N. M.



OIL CONSERVATION DIVISION  
RECEIVED

90 FEB 27 AM 8 34

**Amoco Production Company**

Denver Region  
1670 Broadway  
P.O. Box 800  
Denver, Colorado 80201  
303-830-4040

February 21, 1990

Michael Stogner  
New Mexico Oil Conservation Division  
PO Box 2088  
Santa Fe, NM 87504

File: CAW-132-986.511

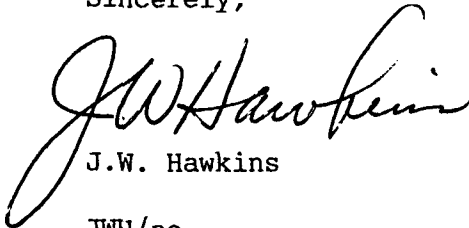
**Nassau Resources, Inc.'s Application for Unorthodox Locations**

Carracas Unit 23B #15 - Sec. 23, T32N-R4W  
Carracas Unit 10A # 8 - Sec. 10, T32N-R5W  
Carracas Unit 11A # 5 - Sec. 11, T32N-R5W  
Carracas Unit 12B #16 - Sec. 12, T32N-R4W  
Carracas Unit 25B # 3 - Sec. 25, T32N-R4W

Rio Arriba County, New Mexico

Amoco Production Company has no objection to the unorthodox locations for the subject wells as proposed in Nassau Resources, Inc.'s applications dated February 14, 1990.

Sincerely,



J.W. Hawkins

JWH/ae

cc: T.D. Autry  
J.L. Spitler

Jerome P. McHugh and Associates  
Attn: Fran Perrin  
PO Box 809  
Farmington, NM 87499-0809



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

ARREY CARRUTHERS  
GOVERNOR

1000 THE HAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-0170

Date: 2-26-90

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Re: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

NSP X

I have examined the application dated 2-16-90

for the NASSAU RESOURCES, INC. CARRACAS U-10A #8  
Operator Lease & Well No.

M-10-32N-5W and my recommendations are as follows:  
Unit, S-T-R

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

Emilio B. B. B.

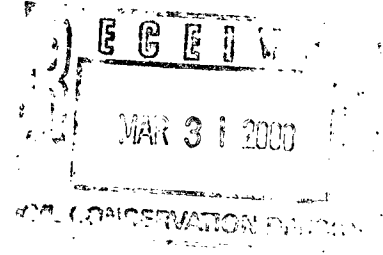
# NASSAU

*NSP 4/20/00*

Nassau Resources, Inc.  
650 South Cherry, Suite 1225  
Denver, Colorado 80222-1894  
(303) 321-2111 FAX (303) 321-1563

March 27, 2000

Michael Stogner  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504



*\* NSP-1597(L)*

Re: Application for Unorthodox Location and Non-standard Proration  
Unit  
Nassau Resources, Inc.  
Carracas Unit 10A #8  
800' FNL, 540' FEL Section 10, T32N R05W NMPM  
Rio Arriba County, NM

Dear Mr. Stogner:

Nassau Resources, Inc. hereby requests administrative approval for an unorthodox location and a non-standard proration unit for the captioned well based upon Carson National Forest surface management requirements.

The Carson National Forest, as indicated on the attached letter, requires the well to be drilled at the proposed location to prevent disturbing new surface area. The proposed location and road was built under an APD approved in July 1990. The Forest Service has allowed Nassau to maintain the location without rehabilitation as it was known the well would be drilled eventually. The surface is already disturbed. The proposed location is shown on the attached topographic map

Nassau Resources, Inc. is the operator of this lease. Working Interest Owners of offsetting leases are BP Amoco, McHugh Companies and Patrick Hegarty. Nassau Resources is the operating affiliate for McHugh Companies and as such, notification of McHugh is an internal matter. BP Amoco and Hegarty have been notified of this request by certified mail (copies attached). Also attached are the C-102 and lease plats.

**RECEIVED**

MAR 31 2000

Oil Conservation Division

*cc'd  
Frank and  
Charley 4-5-00*

# NASSAU

Page 2.

Nassau Resources, Inc.  
650 South Cherry, Suite 1225  
Denver, Colorado 80222-1894  
(303) 321-2111 FAX (303) 321-1563

The proration unit for this well is the North  $\frac{1}{2}$  of Section 10, T32N R05W consisting of lots 1 through 4 and the S/2 N/2. As shown on the attached lease map, the north  $\frac{1}{2}$  of Section 10 consists of 236.72 acres as Section 10 is a fractional section bordering Colorado. Nassau requests approval of the north  $\frac{1}{2}$  of Section 10 as the proration unit for this well. The non-standard proration unit for this well was previously approved as Administrative Order NSP-1597(L) in April 1990.

If you have any questions on this application, please advise.

Sincerely,



Gary J. Johnson  
Engineering Manager



United States  
Department of  
Agriculture

Forest  
Service

Southwestern Region 3  
Carson National Forest  
Jicarilla Ranger District

664 East Broadway  
Bloomfield, New Mexico 87413  
505-632-2956  
FAX 505-632-3173

File Code: 2820

Date: 3/28/00

Fran Perrin  
Nassau Resources  
POB 809  
Farmington, NM 87499

**RE: Unorthodox location for well: Carracas Unit 10A #8**

Dear Ms. Perrin,

The Jicarilla Ranger District, Carson National Forest is requesting you apply for an unorthodox location as follows, as discussed by your company representative and Camela Hooley of this office:

**Carracas Unit 10A #8, T31N R5W Sec.10, 800'FNL/450'FEL**

The mineral operator is required to comply with other applicable regulations such as the Endangered Species Act and the Archeological Resources Protection Act under 36CFR228.112(c). The operator is also required under 36CFR228.108(c) to minimize or prevent damage to surface resources. The Carson National Forest Management Plan states that surface resource impacts will be minimized when administering mineral resources.

The following conditions apply which require an unorthodox location:

☐ Archeological resources prevent locating the well in an orthodox location.

☐ Topography prevents locating the well in an orthodox location.

☐ Threatened/endangered species concerns prevent locating the well in an orthodox location.

☒ Prevention of unnecessary resource damage requires the location be unorthodox. (Such as a previously disturbed area or existing road available outside the drilling window.) A previously built pad exists at the desired location. Unorthodox approval was previously issued 4/9/90.

Thank you for your cooperation in this matter.

for Mark S. Catron  
District Ranger

Cc: Gary Johnson

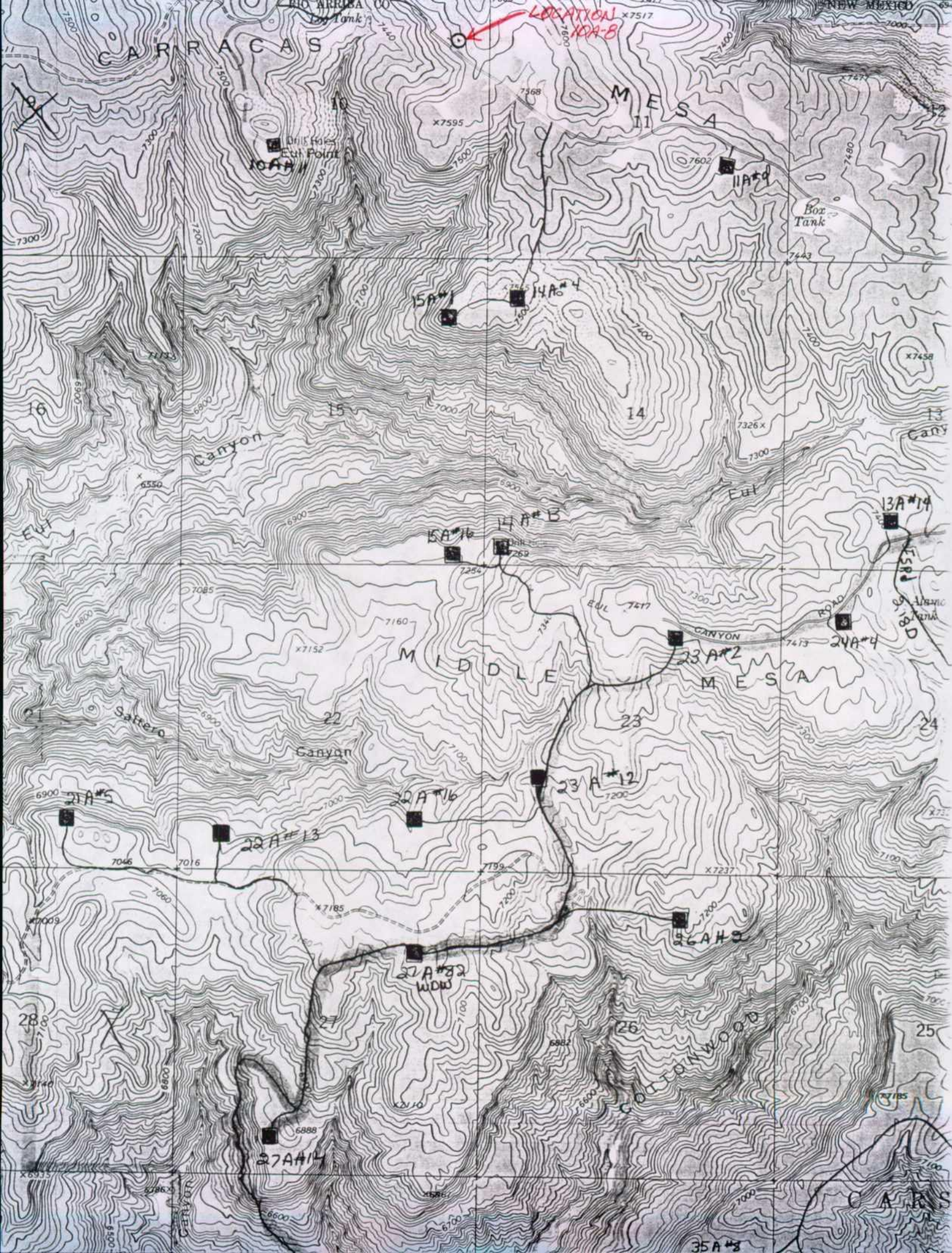


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Printed on Recycled Paper









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**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

**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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator Nassau Resources, Inc. (OGRID #015515)		Lease Carracas Unit 10 A		Well No. 8
Unit Letter H	Section 10	Township 32 North	Range 5 West	County NMPM Rio Arriba
Actual Footage Location of Well:				
800 feet from the North line and		540 feet from the East line		
Ground level Elev. 7590	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal (#71629)	Dedicated Acreage: 236.72 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____ 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>				
<div><p style="text-align: center;">COLORADO NEW MEXICO</p><p style="text-align: center;">Section 10</p></div>				
<div><p style="text-align: center;">0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0</p></div>				

**OPERATOR CERTIFICATION**

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

Signature  
*Fran Perrin*

Printed Name  
Fran Perrin

Position  
Regulatory Liaison

Company  
Nassau Resources, Inc.

Date  
3/23/00

**SURVEYOR CERTIFICATION**

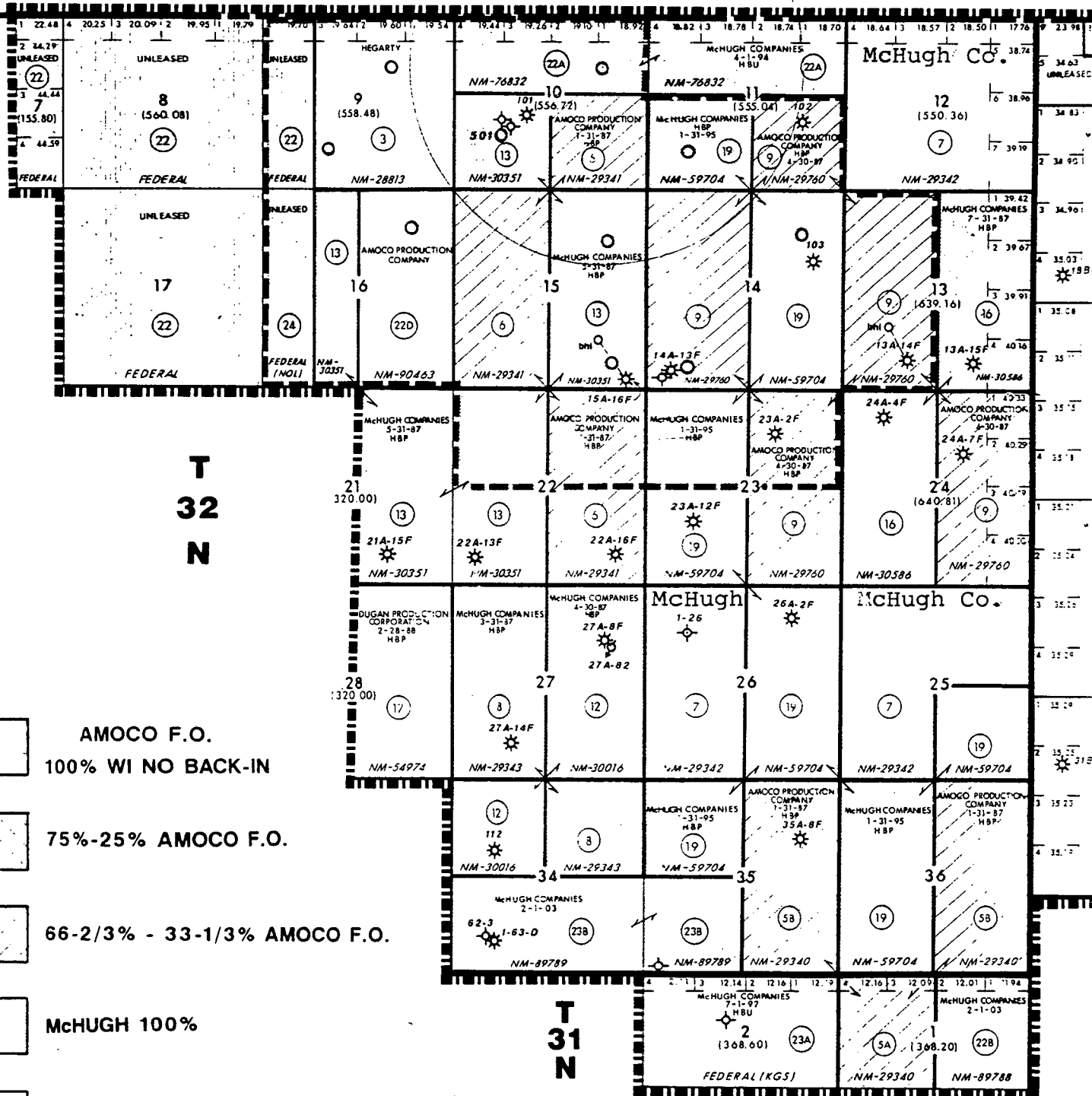
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.






Date Surveyed  
October 11, 1989

Signature & Seal of Professional Surveyor  
*Edgar L. Risenhoover*




Edgar L. Risenhoover  
NEW MEXICO  
REGISTERED LAND SURVEYOR  
No. 15929  
Exp. 12/31/99

R 5 W



-  AMOCO F.O.  
100% WI NO BACK-IN
-  75%-25% AMOCO F.O.
-  66-2/3% - 33-1/3% AMOCO F.O.
-  McHUGH 100%
-  UNLEASED FEDERAL LANDS

R 5 W

-  DAKOTA PROSPECT OUTLINE
-  POTENTIAL DAKOTA LOCATIONS
-  PROPOSED DAKOTA LOCATION

# NASSAU

Nassau Resources, Inc.  
650 South Cherry, Suite 1225  
Denver, Colorado 80222-1894  
(303) 321-2111 FAX (303) 321-1563

March 28, 2000

BY CERTIFIED MAIL

Hegarty and Associates  
Attn: Patrick Hegarty  
P. O. Box 1317  
Aztec, NM 87410

Re: Application for Administrative Approval  
Unorthodox Location and Non-Standard Proration Unit  
Nassau Resources, Inc.  
Carracas Unit 10A #8  
800' FNL, 540' FEL Section 10, T32N R05W NMPM  
Rio Arriba County, NM

Gentlemen:

Nassau Resources, Inc. has submitted the attached Application for Administrative Approval for an Unorthodox Location and a Non-standard Proration Unit for the subject well. If you have any objections, please notify Mr. Michael Stogner at the NMOCD in writing within 20 days of receiving this notice.

Thank you for your attention to this matter.

Sincerely,



Gary J. Johnson  
Engineering Manager

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. ☐ Addressee's Address
- 2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

HEGARTY & ASSOCIATES  
Attn: Patrick HEGARTY  
P.O. Box 1317  
AZTEC, NM 87410

4a. Article Number

Z 451 405 800

4b. Service Type

- ☐ Registered
- ☐ Express Mail
- ☐ Return Receipt for Merchandise
- ☒ Certified
- ☐ Insured
- ☐ COD

7. Date of Delivery

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994

102595-97-3-G179

Domestic Return Receipt

Thank you for using Return Receipt Service.

PS Form 3800, April 1995

Sent to <b>HEGARTY &amp; ASSOCIATES</b>	
Street & Number <b>P.O. Box 1317</b>	
Post Office, State, & ZIP Code <b>AZTEC, NM 87410</b>	
Postage	\$ .77
Certified Fee	1.40
Special Delivery Fee	
Insufficient Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.25
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 3.42
Postmark or Date	3-28-00
NSL 10A #8	

Fold at line over top of envelope to the right of the return address

**CERTIFIED**

Z 451 405 800

**MAIL**

Z 451 405 800

US Postal Service  
**Receipt for Certified Mail**  
No Insurance Coverage Provided.  
Do not use for International Mail (See reverse)

March 28, 2000

BY CERTIFIED MAIL

BP Amoco  
Attn: Max Eddington  
501 Westlake Park Blvd.  
P. O. Box 3092  
Houston, TX 77253-3092

Re: Application for Administrative Approval  
Unorthodox Location and Non-Standard Proration Unit  
Nassau Resources, Inc.  
Carracas Unit 10A #8  
800' FNL, 540' FEL Section 10, T32N R05W NMPM  
Rio Arriba County, NM

Gentlemen:

Nassau Resources, Inc. has submitted the attached Application for Administrative Approval for an Unorthodox Location and a Non-standard Proration Unit for the subject well. If you have any objections, please notify Mr. Michael Stogner at the NMOCD in writing within 20 days of receiving this notice.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in cursive script, reading "Gary J. Johnson", followed by a horizontal line.

Gary J. Johnson  
Engineering Manager

Z 451 405 799

**US Postal Service  
Receipt for Certified Mail**

No Insurance Coverage Provided.  
Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Sent to <b>BP Amoco</b>	
Street & Number <b>501 WESTLAKE PARK BLVD</b>	
Post Office, State, & ZIP Code <b>HOUSTON, TX 77253-3092</b>	
Postage	\$ .77
Certified Fee	1.40
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.25
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 3.42
Postmark or Date	3-28-00
<b>NSL 104#8</b>	

Fold at line over top of envelope to  
the right of the return address

**CERTIFIED**

Z 451 405 799

**MAIL**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

**3. Article Addressed to:**

**BP Amoco**  
**Attn: MAX EDDINGTON**  
**501 WESTLAKE PARK BLVD.**  
**HOUSTON, TX 77253-3092**

**4a. Article Number**

**Z 451 405 799**

**4b. Service Type**

- |   |   |
|---|---|
| <input type="checkbox"/> Registered                     | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured              |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

**7. Date of Delivery**

**5. Received By: (Print Name)**

**6. Signature: (Addressee or Agent)**

**X**

**8. Addressee's Address (Only if requested and fee is paid)**

Thank you for using Return Receipt Service.



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

April 9, 1990

Nassau Resources, Inc.  
c/o Jerome P. McHugh & Associates  
P.O. Box 809  
Farmington, NM 87499-0809

Attention: Fran Perrin

Administrative Order NSP-1597(L)

Dear Ms. Perrin:

Reference is made to your application dated February 14, 1990 for a 236.72-acre non-standard gas proration unit consisting of the following acreage in the Basin-Fruitland Coal Gas Pool:

RIO ARRIBA COUNTY, NEW MEXICO  
TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM  
Irregular Section 10: Lots 1 through 4 and the S/2 N/2

It is my understanding that this unit is to be dedicated to your Carracas Unit "10-A" Well No. 8 to be drilled at an unorthodox coal gas well location 800 feet from the North line and 540 feet from the East line (Unit H) of said Section 10, hereby approved pursuant to the provisions of Rule 8 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool as promulgated by Division Order No. R-8768.



OIL CONSERVATION DIVISION  
RECEIVED

'92 OCT 15 PM 9 15

NM NM 76832 (WC)  
3162.3-1.0 (019)

OCT. 01 1992

RECEIVED

OCT 05 1992

OIL CON. DIV.  
DIST. 3

Mrs. Fran Perrin  
Nassau Resources, Incorporated  
P. O. Box 809  
Farmington, NM 87499

Dear Mrs. Perrin:

Reference is made to your Application for Permit to Drill (APD) Well No. 8 Carracas Unit 10A, 800' FNL/540' FEL in the SE $\frac{1}{4}$ NE $\frac{1}{4}$  SEC. 10, T. 32 N., R. 5 W., Rio Arriba County, New Mexico, Federal lease NM NM 76832. As we have received no report of drilling operations commencing prior to expiration, the subject APD has expired, as of July 24, 1992, and is returned. Please note that it is the policy of this office to grant extensions of APDs up to a total of one year from the original expiration date. Any expired APD may be resubmitted at any time when more definite drilling plans are formulated.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in assessment of liquidated damages.

Sincerely,

/s/ John L. Keller

John L. Keller  
Chief, Branch of Mineral Resources

Enclosure

cc:  
New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, NM 87410

ABANDONED LOCATION

Form 3160-5  
(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR  
NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR  
P O BOX 809, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
800' FNL - 540' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7590' GL

5. LEASE DESIGNATION AND SERIAL NO.  
NM 76832

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Carracas Unit

8. FARM OR LEASE NAME  
Carracas Unit 10 A

9. WELL NO.  
# 8

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 10, T32N, R5W, NMPM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Request extension of APD

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Request extension of Application to Drill due to drilling schedule.

RECEIVED  
JAN 3 1992  
OIL CON. DIV  
DIST. 3

RECEIVED  
BLM  
91 DEC 30 AM 11:31  
OIL CON. DIV.  
FARMINGTON, N.M.

THIS APPROVAL EXPIRES JUL 24 1992

18. I hereby certify that the foregoing is true and correct

SIGNED

James R. Hazen

TITLE Admin. Asst.

DATE 12/26/91

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

NMOCD

\*See Instructions on Reverse Side

DEC 31 1991  
AREA MANAGER

Form 3160-5  
(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 76832

6. INDIAN, ALLOTTEE OR TRIBE NAME

PLM MAIL ROOM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

P O BOX 809, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

800' FNL - 540' FEL

14. PERMIT NO.

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

7590' GL

7. AGREEMENT NAME

Carracas Unit

8. FARM OR LEASE NAME

Carracas Unit 10 A

9. WELL NO.

# 8

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLM. AND  
SURVEY OR AREA

Sec. 10, T32N, R5W, NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N.M.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

RIPOOT OR ACIDIZING

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANE

(Other)

(Other)

Request extension of APD

XX

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request extension of Application to Drill due to drilling schedule.

RECEIVED

JUL 22 1991

CON. DIV.  
DIST. 3

THIS APPROVAL EXPIRES JAN 24 1992

18. I hereby certify that the foregoing is true and correct

SIGNED

James S. Hazen

TITLE V P of Operations

DATE 7/11/91

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

JUL 19 1991

AREA MANAGER

\*See Instructions on Reverse Side

NMOCD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of such department or agency.

Form 3160-3  
(November 1983)  
(formerly 9-331C)

SUBMIT IN TRIPLICATE\*

(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

'90 AUG 6 DRILL 10-23

DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

P O BOX 809, Farmington, N.M. 87499

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

At surface

800' FNL - 540' FEL

At proposed prod. zone

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

4-1/2 miles SE of Arboles, CO

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

471.76

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/ 236.72

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

3/4 mile

19. PROPOSED DEPTH

4415'

20. ROTARY OR CABLE TOOLS

Rotary

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

7590' GL; 7603' KB

23.

This action is subject to technical and  
procedural review pursuant to 43 CFR 3185.4  
and appeal pursuant to 43 CFR 3185.8.  
PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START\*

4/1/90

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	9-5/8"	36#	200'
8-3/4"	5-1/2"	15.5#	4415'

24 cu.ft. of cement cir. to surf.  
1672 cu.ft. circ. to surface

Plan to drill with spud mud to set 200' of surface casing. Will then drill with water and gel-chem. mud to test the Fruitland coal zone at  $\pm$  4415'. Will run IES, CDL, and Microlog logs. IF well appears productive, will set 5-1/2" casing at TD, cement in 1 stage, selectively perforate, frac, clean out after frac and complete with 2-7/8" tubing.

GAS IS NOT DEDICATED.

RECEIVED

JUL 31 1990

OIL CON. DIV  
DIST. 3

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

James S. Hazen

TITLE Field Supt.

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCD

\*See Instructions On Reverse Side

1-22-90  
APPROVED  
AS AMENDEDJUL 24 1990  
AREA MANAGER

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-102  
Revised 1-1-89

RECEIVED  
BLM MAIL ROOM

90 JAN 23 AM 11:03

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Nassau Resources, Inc.		Lease Carracas Unit 10 A		Well No. 8
Unit Letter H	Section 10	Township 32 North	Range 5 West	County NMPM Rio Arriba
Actual Footage Location of Well: 800 feet from the North line and 540 feet from the East line				
Ground level Elev. 7590	Producing Formation Basin Fruitland Coal		Pool Fruitland Coal	Dedicated Acreage: 236.72 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communalization, unitization, force-pooling, etc.?  
☒ Yes ☐ No If answer is "yes" type of consolidation Unitization - Carracas Unit  
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 communalization, 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.

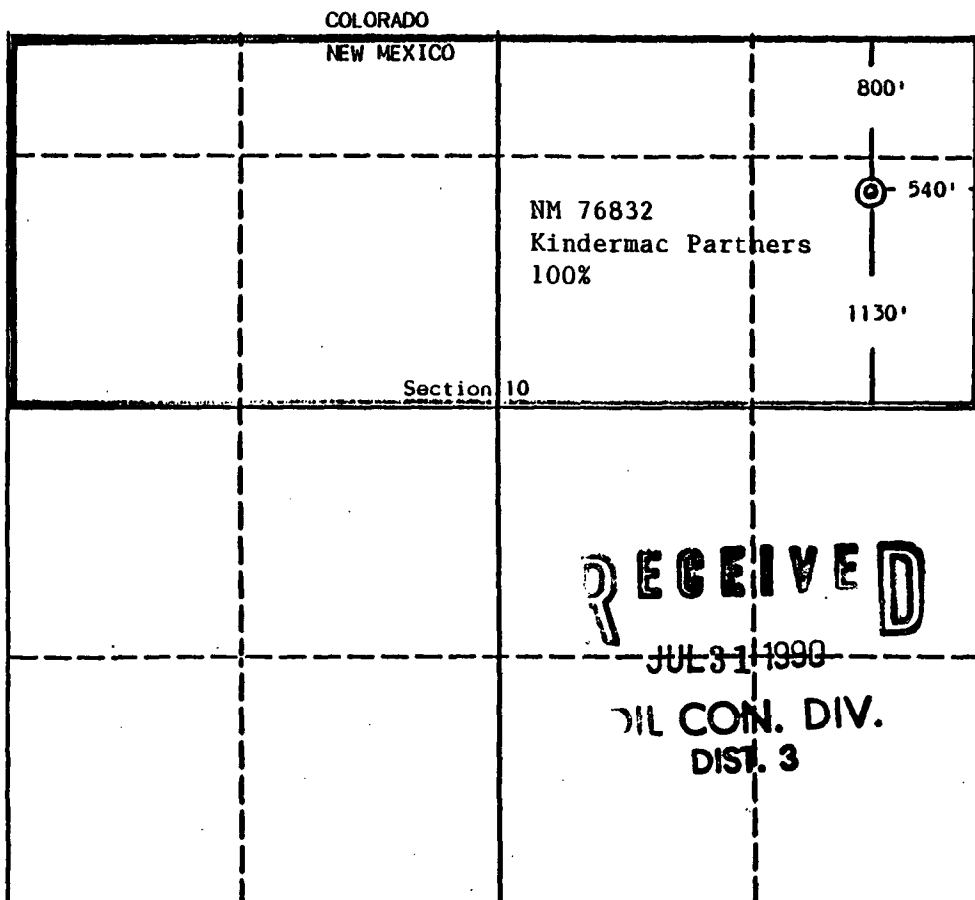
Signature  
*Fran Perrin*  
Printed Name  
Fran Perrin  
Position  
Admin. Asst.  
Company  
Nassau Resources, Inc.  
Date  
1-22-90

SURVEYOR CERTIFICATION

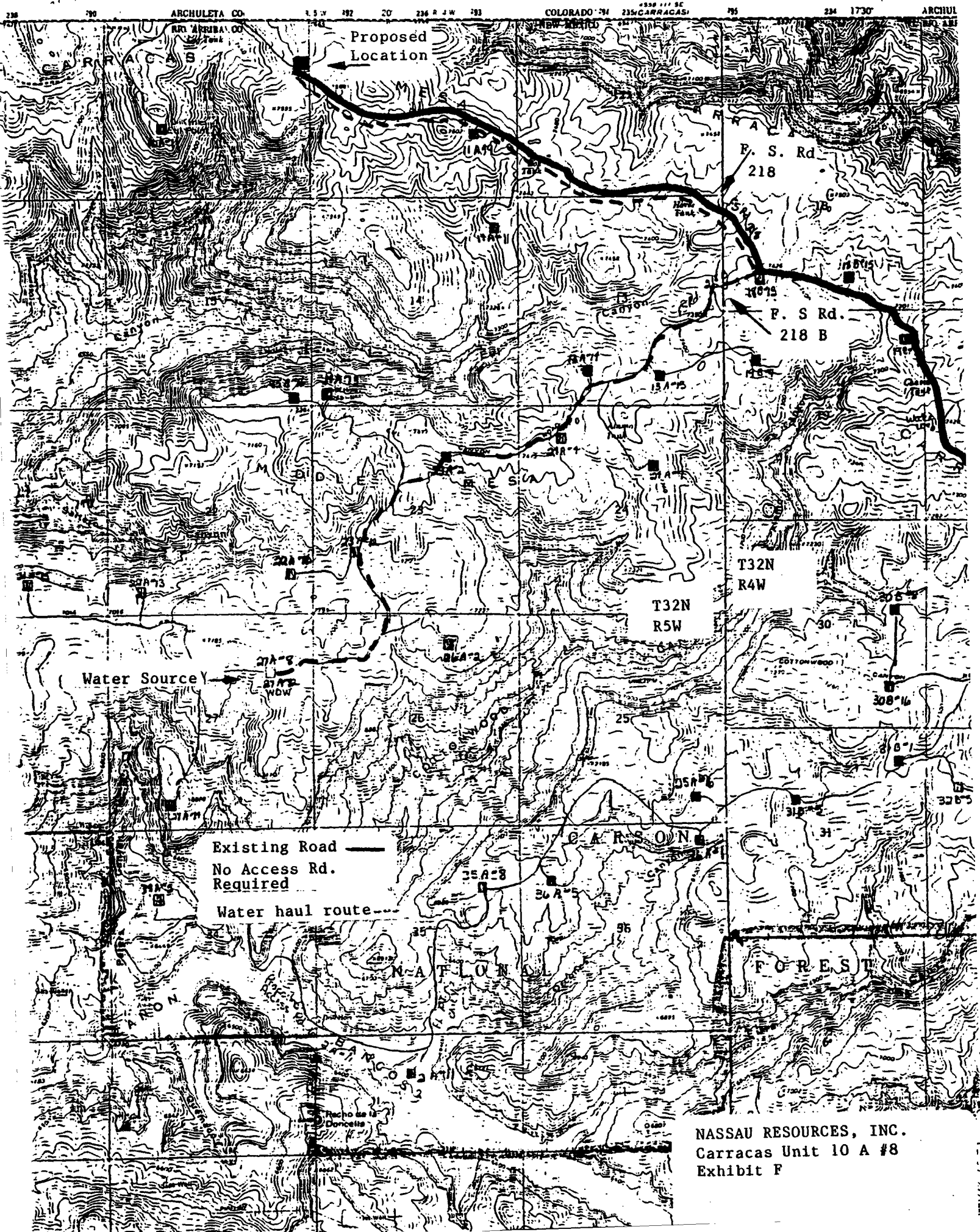
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
October 11, 1989

Signature & Seal of  
Professional Surveyor  
*Edgar L. Risenhoover*  
EDGAR L. RISENHOOVER  
NEW MEXICO  
Certificate No. 5079  
Edgar L. Risenhoover



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

04/19/00 10:50:12  
OGOMES -TQBI  
PAGE NO: 1

Sec : 10 Twp : 32N Rng : 05W Section Type : NORMAL

4 19.44	3 19.26	2 19.10	1 18.92
Federal owned	Federal owned	Federal owned	Federal owned
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned	Federal owned	Federal owned	Federal owned

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION04/19/00 10:50:17  
OGOMES -TQBI  
PAGE NO: 2

Sec : 10 Twp : 32N Rng : 05W Section Type : NORMAL

L 40.00  Federal owned	K 40.00  Federal owned A A	J 40.00  Federal owned	I 40.00  Federal owned
M 40.00  Federal owned	N 40.00  Federal owned	O 40.00  Federal owned	P 40.00  Federal owned

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12



CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION04/19/00 10:50:17  
OGOMES -TQBI  
PAGE NO: 2

Sec : 10 Twp : 32N Rng : 05W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned	Federal owned A A	Federal owned	Federal owned
M 40.00	N 40.00	O 40.00	P 40.00
Federal owned	Federal owned	Federal owned	Federal owned

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

-----  
**From:** Stogner, Michael  
**Sent:** Monday, March 26, 2001 12:56 PM  
**To:** 'Corley, Mary L'  
**Cc:** Chavez, Frank; Hayden, Steven  
**Subject:** RE: Nassau Resources Application

Ms. Corley

On April 21, 2000 an "Affirmation of Division Administrative Order NSP-1597 (L)" was issued to Nassau Resources, Inc. (see attachment) for the Carracas Unit "10-A" #8 (30-039-24854).

<<File: NSP-1597.afrm.doc>>

-----  
**From:** Corley, Mary L[SMTP:corleym@bp.com]  
**Sent:** Thursday, March 22, 2001 8:51 AM  
**To:** Michael 'Stogner (E-mail)  
**Subject:** FW: Nassau Resources Application

Michael,

I must apologize for the previous email - please reference below. The well I actually need the information on was filed by Nassau Resources, Inc. on March 27, 2000. It was for an Unorthodox Location and Non-Standard Proration Unit for the:

Carracas Unit 10A # 8  
Basin Fruitland Coal  
800' FNL & 540' FEL  
Section 10, T32N, R05W,  
Rio Arriba County

As I understand it, a non-standard proration unit may not have been required, but it does require an unorthodox location exception. Please advise if approval has been granted for the unorthodox location or if additional data is required for approval.

Again, I apologize if my previous note caused any additional work on your part.

Mary Corley  
Sr. Regulatory Analyst  
San Juan Business Unit  
Amoco Production Company  
Vastar Resources  
281-366-4491


> -----Original Message-----  
> From: Corley, Mary L  
> Sent: Thursday, March 22, 2001 9:36 AM  
> To: Michael 'Stogner (E-mail)  
> Subject: Nassau Resources Application  
>  
> Michael,

> I trying to confirm if an application for an Unorthodox Location submitted  
> by Nassau Resources, Inc. for your consideration on March 23, 2000, has  
> been approved. The subject well was transferred to Vastar Resources,  
> Inc, which now falls under the "umbrella" of BP. This well being:  
>  
> Carracas Unit 26 A well # 4  
> Basin Fruitland Coal Pool  
> 1003' FNL & 778' FWL  
> Section 26, T32N, R05W  
> Rio Arriba, County.  
>  
> The information transferred to me does not indicate that an approval was  
> granted. I am in the process of filing additional regulatory reports and  
> need to verify if the application has been approved or if additional  
> information is required in order for approval to be granted. Please  
> advise where we stand on the subject application.  
>  
> Your attention to this matter is greatly appreciated.  
> Mary Corley  
> Sr. Regulatory Analyst  
> San Juan Business Unit  
> Amoco Production Company  
> & Vastar Resources, Inc.  
> 281-366-4491  
>

-----  
**From:** Corley, Mary L[SMTP:corleym@bp.com]  
**Sent:** Thursday, March 22, 2001 8:51 AM  
**To:** Michael' Stogner (E-mail)  
**Subject:** FW: Nassau Resources Application

Michael,

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 Carracas Unit 10A # 8  
Basin Fruitland Coal  
800' FNL & 540' FEL  
Section 10, T32N, R05W,  
Rio Arriba County

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Mary Corley  
Sr. Regulatory Analyst  
San Juan Business Unit  
Amoco Production Company  
Vastar Resources  
281-366-4491

> -----Original Message-----

> From: Corley, Mary L  
> Sent: Thursday, March 22, 2001 9:36 AM  
> To: Michael' Stogner (E-mail)  
> Subject: Nassau Resources Application

>

> Michael,

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> by Nassau Resources, Inc. for your consideration on March 23, 2000, has  
> been approved. The subject well was transferred to Vastar Resources,  
> Inc, which now falls under the "umbrella" of BP. This well being:

>

> Carracas Unit 26 A well # 4  
> Basin Fruitland Coal Pool  
> 1003' FNL & 778' FWL  
> Section 26, T32N, R05W  
> Rio Arriba, County.

>

> The information transferred to me does not indicate that an approval was  
> granted. I am in the process of filing additional regulatory reports and  
> need to verify if the application has been approved or if additional

> information is required in order for approval to be granted. Please  
> advise where we stand on the subject application.  
>  
> Your attention to this matter is greatly appreciated.  
> Mary Corley  
> Sr. Regulatory Analyst  
> San Juan Business Unit  
> Amoco Production Company  
> & Vastar Resources, Inc.  
> 281-366-4491  
>

-----  
**From:** Corley, Mary L[SMTP:corleyml@bp.com]  
**Sent:** Thursday, March 22, 2001 8:35 AM  
**To:** Michael' Stogner (E-mail)  
**Subject:** Nassau Resources Application

Michael,

I trying to confirm if an application for an Unorthodox Location submitted by Nassau Resources, Inc. for your consideration on March 23, 2000, has been approved. The subject well was transferred to Vastar Resources, Inc, which now falls under the "umbrella" of BP. This well being:

Carracas Unit 26 A well # 4  
Basin Fruitland Coal Pool  
1003' FNL & 778' FWL  
Section 26, T32N, R05W  
Rio Arriba, County.

The information transferred to me does not indicate that an approval was granted. I am in the process of filing additional regulatory reports and need to verify if the application has been approved or if additional information is required in order for approval to be granted. Please advise where we stand on the subject application.

Your attention to this matter is greatly appreciated.

Mary Corley  
Sr. Regulatory Analyst  
San Juan Business Unit  
Amoco Production Company  
& Vastar Resources, Inc.  
281-366-4491

OIL CONSERVATION DIVISION  
RECEIVED

'92 OCT 15 PM 9 15

NM NM 76832 (WC)  
3162.3-1.0 (019)

OCT. 01 1992

RECEIVED  
OCT 05 1992  
OIL CON. DIV.  
DIST. 3

Mrs. Fran Perrin  
Nassau Resources, Incorporated  
P. O. Box 809  
Farmington, NM 87499

Dear Mrs. Perrin:

Reference is made to your Application for Permit to Drill (APD) Well No. 8 Carracas Unit 10A, 800' FNL/540' FEL in the SE $\frac{1}{4}$ NE $\frac{1}{4}$  SEC. 10, T. 32 N., R. 5 W., Rio Arriba County, New Mexico, Federal lease NM NM 76832. As we have received no report of drilling operations commencing prior to expiration, the subject APD has expired, as of July 24, 1992, and is returned. Please note that it is the policy of this office to grant extensions of APDs up to a total of one year from the original expiration date. Any expired APD may be resubmitted at any time when more definite drilling plans are formulated.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in assessment of liquidated damages.

Sincerely,

/s/ John L. Keller

John L. Keller  
Chief, Branch of Mineral Resources

Enclosure

cc:  
New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, NM 87410

ABANDONED LOCATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OIL CONSERVATION DIVISION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved,  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO NM 76832
2. NAME OF OPERATOR NASSAU RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P O BOX 809, Farmington, N.M. 87499		7. UNIT AGREEMENT NAME Carracas Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  800' FNL - 540' FEL		8. FARM OR LEASE NAME Carracas Unit 10 A
14. PERMIT NO.		9. WELL NO. # 8
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 7590' GL		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec. 10, T32N, R5W, NMPM
		12. COUNTY OR PARISH Rio Arriba
		13. STATE N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) Request extension of APD XX

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Request extension of Application to Drill due to drilling schedule.

RECEIVED

JAN 3 1992

OIL CON. DIV 1  
DIST. 3

JUL 24 1992

THIS APPROVAL EXPIRES

18. I hereby certify that the foregoing is true and correct

SIGNED <u>James S. Hazen</u>	TITLE <u>Admin. Asst.</u>	DATE <u>12/26/91</u>
(This space for Federal or State office use)		
APPROVED BY <u>James S. Hazen</u>	TITLE <u>ADMIN. ASST.</u>	DATE <u>12/26/91</u>
CONDITIONS OF APPROVAL, IF ANY:		

NMOCD

\*See Instructions on Reverse Side

APPROVED

DEC 31 1991

AREA MANAGER



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 76832

6. NAME OF INDIAN, ALLOTTEE OR TRIBE NAME

MAIL ROOM

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

P O BOX 809, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

800' FNL - 540' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, AT, OR, etc.)

7590' GL

7. AGREEMENT NAME

Carracas Unit

8. FARM OR LEASE NAME

MEXICO

Carracas Unit 10 A

9. WELL NO.

# 8

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., OR BLK. AND  
SUBDIVISION OR AREA

Sec. 10, T32N, R5W, NMPPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETION

☐

RIPOUT OR ACIDIZING

☐

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANE

☐

(Other)

Request extension of APD

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Request extension of Application to Drill due to drilling schedule.

RECEIVED

JUL 22 1991

C. C. M. DIV.  
DIST. 3

THIS APPROVAL EXPIRES JAN 24 1992

18. I hereby certify that the foregoing is true and correct

SIGNED

James S. Hazen

TITLE V P of Operations

DATE 7/11/91

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

JUL 19 1991

AREA MANAGER

\*See Instructions on Reverse Side

NMOCD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-3  
(November 1983)  
(formerly 9-331C)SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)30-039-24854  
Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
90 AUG 6 DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

P O BOX 809, Farmington, N.M. 87499

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

800' FNL - 540' FEL

At proposed prod. zone

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

4-1/2 miles SE of Arboles, CO

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

471.76

17. NO. OF ACRES ASSIGNED

TO THIS WELL  
N/ 236.7218. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

3/4 mile

19. PROPOSED DEPTH

4415'

20. ROTARY OR CABLE TOOLS

Rotary

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

7590' GL; 7603' KB

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.4  
and appeal pursuant to 43 CFR 3169.4.

22. APPROX. DATE WORK WILL START\*

4/1/90

23.

PROPOSED CASING AND CEMENT PROGRAM  
DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	24 cu.ft. of cement cir. to surf.
8-3/4"	5-1/2"	15.5#	4415'	1672 cu.ft. circ. to surface

Plan to drill with spud mud to set 200' of surface casing. Will then drill with water and gel-chem. mud to test the Fruitland coal zone at  $\pm$  4415'. Will run IES, CDL, and Microlog logs. IF well appears productive, will set 5-1/2" casing at TD, cement in 1 stage, selectively perforate, frac, clean out after frac and complete with 2-7/8" tubing.

GAS IS NOT DEDICATED.

RECEIVED

JUL 31 1990

OIL CON. DIV  
DIST. 3

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

James S. Hazen

TITLE Field Supt.

DATE

1-22-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCD

AS AMENDED

JUL 24 1990

AREA MANAGER

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-102  
Revised 1-1-89

RECEIVED  
BLM MAIL ROOM

90 JAN 23 AM 11:03

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Nassau Resources, Inc.			Lease Carracas Unit 10 A		Well No. 8
Unit Letter H	Section 10	Township 32 North	Range 5 West	County NMPM Rio Arriba	
Actual Footage Location of Well: 800 feet from the North line and 540 feet from the East line					
Ground level Elev. 7590	Producing Formation Basin Fruitland Coal		Pool Fruitland Coal		Dedicated Acreage: 236.72 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 - Carracas Unit

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.

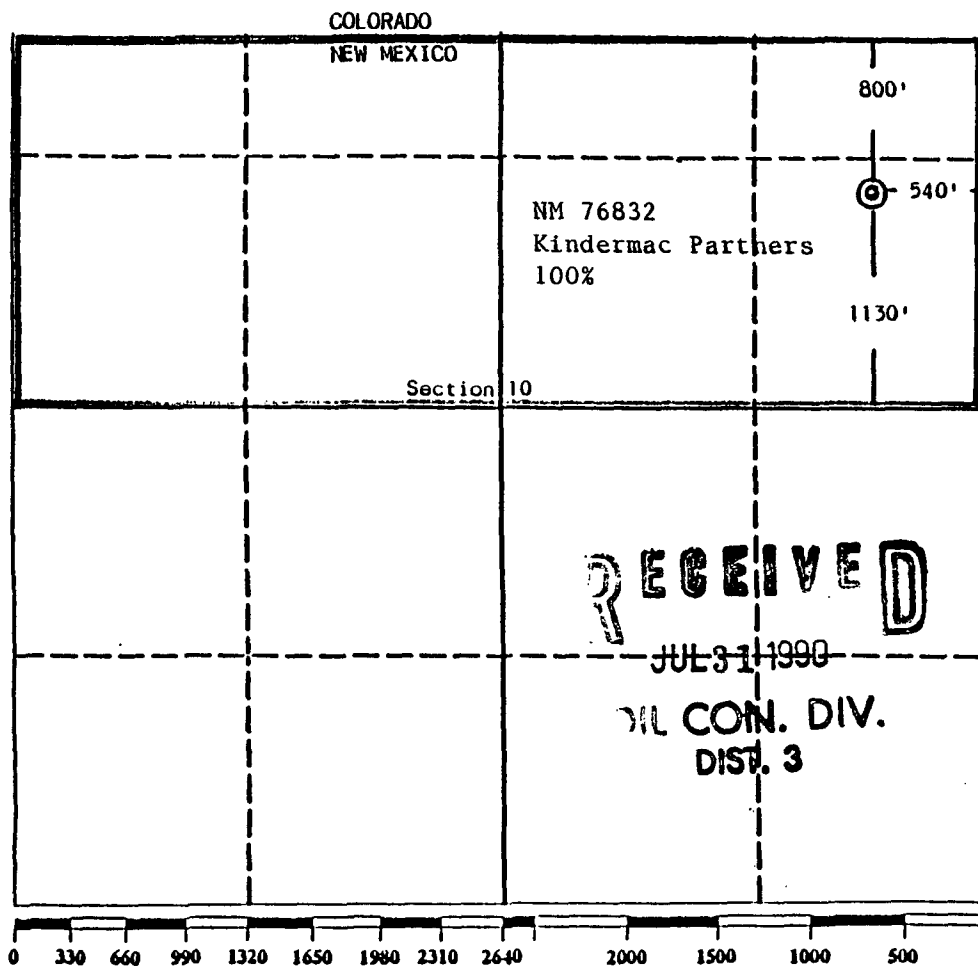
Signature  
*Fran Perrin*  
Printed Name  
Fran Perrin  
Position  
Admin. Asst.  
Company  
Nassau Resources, Inc.  
Date  
1-22-90

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  
October 11, 1989

Signature & Seal of  
Professional Surveyor  
*Edgar L. Risenhoover*  
NEW MEXICO  
Certificate No. 5979  
Edgar L. Risenhoover





NASSAU RESOURCES, INC.  
Carracas Unit 10 A #8  
Exhibit F

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.  
NM - 76832
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement Name and/or No.
8. Well Name and No.  
CARRACAS 10 A 8
9. API Well No.  
3003926420
10. Field and Pool, or Exploratory Area  
BASIN FRUITLAND COAL
11. County or Parish, and State  
ARRIBA NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well Other

2. Name of Operator  
VASTAR RESOURCES, INC.

3a. Address P.O. BOX 3092  
HOUSTON, TX 77253

3b. Phone No.(include area code)  
281.366.4491

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

540FEL 800FNL

H - 10 - 32 N - 5 W

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be files within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation Tops as per your request: Ojo Alamo 3440' Kirtland 3584' Main Coal 4151' PCCF 4281'



Electronic Submission #2455 verified by the BLM Well Information System for VASTAR RESOURCES, INC. Sent to the Farmington Field Office  
Committed to AFMSS for processing by Maurice Johnson on 01/31/2001

Name (Printed/Typed) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature

Date 01/26/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE ACCEPTED FOR RECORD**

Approved By

Title

01/26/2001

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BY [Signature] DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other instructions  
on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1 a. TYPE OF WELL:

OIL  
WELL

GAS  
WELL

200 OCT 10 12:03

NEW COMPLETION

b. TYPE OF COMPLETION:

NEW  
WELL ☒

WORK  
OVER

DEEP  
EN

PLUG  
BACK

DIFF.  
RESERV

2. NAME OF OPERATOR

VASTAR RESOURCES, INC.

3. ADDRESS AND TELEPHONE NO.

1816 E. MOJAVE, FARMINGTON, NM 87401

4. LOCATION OF WELL

(Report location clearly and in accordance with any State requirements)

At surface

800' FNL & 540' FEL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

C. BEECHAM

DATE ISSUED

06/14/00

12. COUNTY OR PARISH

RIO ARriba

13. STATE

NM

15. DATE SPUDDED

07/18/00

16. DATE T.D. REACHED

07/27/00

17. DATE COMPL.

08/27/00

(Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

7606 KB

7590 GL

20. TOTAL DEPTH, MD & TVD

4283

21. PLUG, BACK T.D., MD & TVD

4233

22. IF MULTIPLE COMPL,  
HOW MANY\*

23. INTERVALS  
DRILLED BY

→

ROTARY TOOLS

0-4283

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

FRUITLAND 4151-4181

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/GR/NL & MUD LOG

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8 J-55	24#	423	12 1/4	GL 300SX	NONE
5 1/2 K-55	17.0#	4280	7 7/8	GL 1300SX	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1.9	4126	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4151-4181 Total 30' w/ 4spf, 120 holes  
w/ 0.42" diameter.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4151-4181	500 GAL 10% Formic acid
	followed w/ 103,839 gal Delta Frac
	140 gel w/sw containing 2450 sx
	20/40 Brady sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
		FLOWING				SI-WOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
09/04/00	24	1 1/4	→		147	81	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
200	475	→				ACCEPTED FOR RECORD	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

ACCEPTED FOR RECORD

TEST WITNESSED BY:

JACK SANDERS

35. LIST OF ATTACHMENTS

NOV 28 2000

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available information.

SIGNED

*[Signature]*

TITLE

WORKOVER SUPERVISOR

DATE

09/07/00

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WACD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

VASTAR RESOURCES, INC.

3. Address and Telephone No.

1818 E. MOJAVE ST., FARMINGTON, NM 87401 (505) 599-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

800' FNL, 540' FEL, Section 10, T32N, R5W

5. Lease Designation and Serial No.

NM 76832

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CARRACAS 10 A #8

9. API Well No.

30-038-28420

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

11. County or Parish, State

RIO ARRIBA COUNTY, NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other DRILLING OPERATIONS

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

7-18-00 Spud 12 1/4" hole @ 23:00. TD'd surface hole at 430' on 7-18-00 @ 23:00. Ran 9 joints 8 5/8" 24# J-55 STC casing to 423' and cemented with 300 sx Class B w/ 3% CaCl2 & 1/4 #/sx Floceal. Circulated 24 bbl to surface. Installed bradenhead & BOP. Tested BOP to 250 psi low 2000 psi high. Tested casing to 500 psi. Drilled out with 7 7/8" bit.

7-27-00 TD'd 7 7/8" hole at 4283' @ 08:00. Ran 104 joints 5 1/2" 17# K-55 LTC casing to 4280' and cemented with 1200 sx 65/35 B/Poz w/ 6% gel, 5 #/sk Gilsonite & 1/4PPS Flocele followed by 100 sx 50/50 B/Poz w/ 2% gel 0.4% haled 344, 5 #/sk Gilsonite & 1/4PPS flocele. Circulated 123 bbl cement to surface. CIP 07:30 7-28-00. ND BOP, NU Wellhead, RD.

cc: BLM, Farmington (Or + 3)

N. Hall

Well File

14. I hereby certify that the foregoing is true and correct

Signed

Charles W. King

Title Engineer 505 599 4308

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

Date

NOV 28 2000

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

NMOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir:  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

VASTAR RESOURCES, INC.

3. Address and Telephone No.

1816 E. MOJAVE ST., FARMINGTON, NM 87401 (505) 599-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SENE 800' FNL & 540' FEL SEC. 10, T-32N, R-5W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 76832

6. If Indian, Allottee or Tribe Name

CARRACAS UNIT

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CARRACAS 10 A # 8

9. API Well No.

30-039-26420

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

11. County or Parish, State

RIO ARRIBA, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other NEW WELL COMPLETION	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Refer to Nassau Resources, Inc application for permit to drill dated 03/23/00 and BLM'S approval dated 06/14/00 and Vastar's subsequent Sundry dated 08/07/00, Re-the subject well. Vastar ran a CCL/GR/NL fm 4231' to 3231' and perforated Fruitland Coal fm 4151'.to 4181 Total 30' w/ 4 spf, 120 holes w/ 0.42" diameter. Treat all perfs w/ 500 gal 10% formic acid followed w/ 103,839 gal 25# Delta Frac 140 gel w/ sandwedge containing 2450 sx 20/40 Brady Sand. Clean out 5 1/2" csg to 4233' (PBSD ) and ran 1.9" 2.76#, J-55, IJ 10RD tbq w/ 3GLM'S, 'F' nipple and WLRG. No pkr, EOT @ 4126'. N.U. 2 3/8" X 2000# flanged tree, flow and clean well to flowback tank and run 24 hr flow test. Shut well in--WOPLC. Completion operations started on 08/09/00 and were finished on 08/27/00.

cc: BLM

N. Hall

Well File

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title WORKOVER SUPERVISOR

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by [Signature]

Title [Signature]

Date NOV 28 2000

Conditions of approval, if any:

FARMINGTON FIELD OFFICE  
BY [Signature]

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

RECEIVED



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 76832

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CARRACAS 10 A #8

9. API Well No.

30-039-26420

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

11. County or Parish, State

RIO ARriba COUNTY, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas  
☐ Well ☒ Well ☐ Other

2. Name of Operator

VASTAR RESOURCES, INC.

3. Address and Telephone No.

1816 E. MOJAVE ST., FARMINGTON, NM 87401 (505) 599-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

800' FNL, 540' FEL, Section 10, T32N, R5W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

☒ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

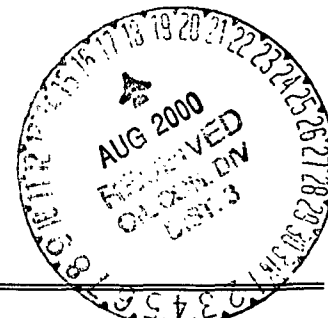
THE FOLLOWING CHANGES ARE REQUESTED:

1. Surface Hole: Run 8-5/8" 24# J-55 STC casing set at 400' cemented to surface with 300 sacks (354 cu. ft.) 1.18 yield class B cement with additives.
2. Production Hole: Drill 7-7/8" hole, TD at 4200', 5-1/2" casing cemented to surface with 900 sacks (1730 cu. ft.) 1.922 yield class B cement with additives.
3. No open hole logs will be run. A cased hole GR/CCL/CNL log will be run.

cc: BLM, Farmington (Or + 3)

N. Hall

Well File



14. I hereby certify that the foregoing is true and correct

Signed Charles W. Lovato

Title AGENT 505 599 4308

Date 6-5-00

(This space for Federal or State office use)

Approved by /s/ Jim Lovato

Title

Date AUG 15 2000

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

RECEIVED

District I  
Box 1980, Hobbs, NM 88241-1980  
District II  
111 South First, Artesia, NM 88210  
District III  
1100 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039- 26420		1 Pool Code 71629		1 Pool Name BASIN FRUITLAND COAL	
4 Property Code		4 Property Name CARRACAS 10 A			8 Well Number
1 OGRID No. 36619		1 Operator Name VASTAR RESOURCES, INC.			1 Elevation 7590' GL

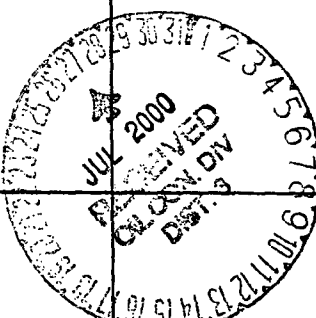
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	10	32N	5W		800	NORTH	540	EAST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 236.72		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16  COLORADO NEW MEXICO  800' 540'				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Charles W. Knight Signature CHARLES KNIGHT Printed Name ENGINEER Title 7/24/00 Date	
				18 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 belief.  Date of Survey Signature and Seal of Professional Surveyor:  RE-ISSUE Certificate Number	

Form 3160-3  
(July 1992)SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
NASSAU RESOURCES, INC. (OGRID E015515)

3. ADDRESS AND TELEPHONE NO. P O Box 809  
Farmington, NM 87499-0809 505 326-7793

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 800' FNL & 540' FEL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
4-1/2 miles SE of Arboles, CO

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE 76

17. NO. OF ACRES ASSIGNED TO THIS WELL 236.72

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3/4 mile

19. PROPOSED DEPTH 4415'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7590' GL; 7603' KB

22. APPROX. DATE WORK WILL START\*  
6/2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	350'	250 cu. ft. circ. to surface
8-3/4"	5-1/2"	15.5#	4415'	1780 cu. ft. circ. to surface

This action is subject to technical and procedural review pursuant to 43 CFR 3185.3 and appeal pursuant to 43 CFR 3185.4.

Plan to drill with spud mud to set 350' of surface casing. Will then drill with water and gel-chem. mud to test the Fruitland Coal formation at approximately 4415'. Will run DIL-GR-SP and FDC-CNL-GR caliper logs. If well appears productive, will set 5-1/2" casing at TD, cement in 2 stages, selectively perforate, frac, clean out after frac and complete with 2-7/8" tubing.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

A previously approved APD for this location expired 7/25/92.

Application will be made to NM Oil Conservation Division for approval of a nonstandard proration unit and nonstandard location.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Fran Perrin Fran Perrin TITLE Regulatory Liaison DATE 3/23/00

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

NMOC

HOLD C104 FOR NSL

JUN 14 2000

APPROVED BY Jim Lovato TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement or representation as to any matter within its jurisdiction.

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

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

30-039-26420

200 MAR 27 PM 2:13

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

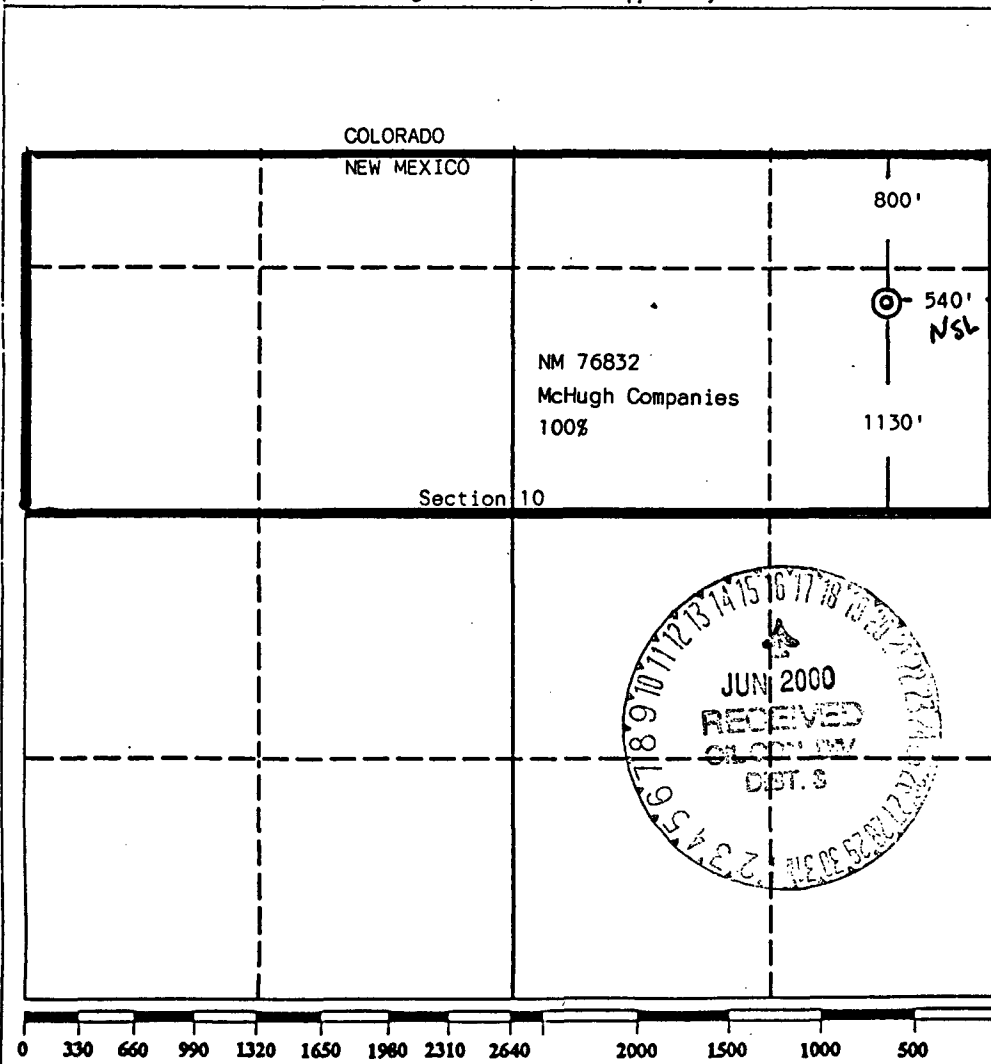
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

070 FARMINGTON, NM

Operator Nassau Resources, Inc. (OGRID #015515)			Lease Carracas Unit 10 A		Well No. 8
Unit Letter H	Section 10	Township 32 North	Range 5 West	County NMPM	Rio Arriba
Actual Footage Location of Well: 800 feet from the North line and 540 feet from the East line					
Ground level Elev. 7590	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal (#71629)		Dedicated Acreage: 74 7/8 236.72 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 \_\_\_\_\_  
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.

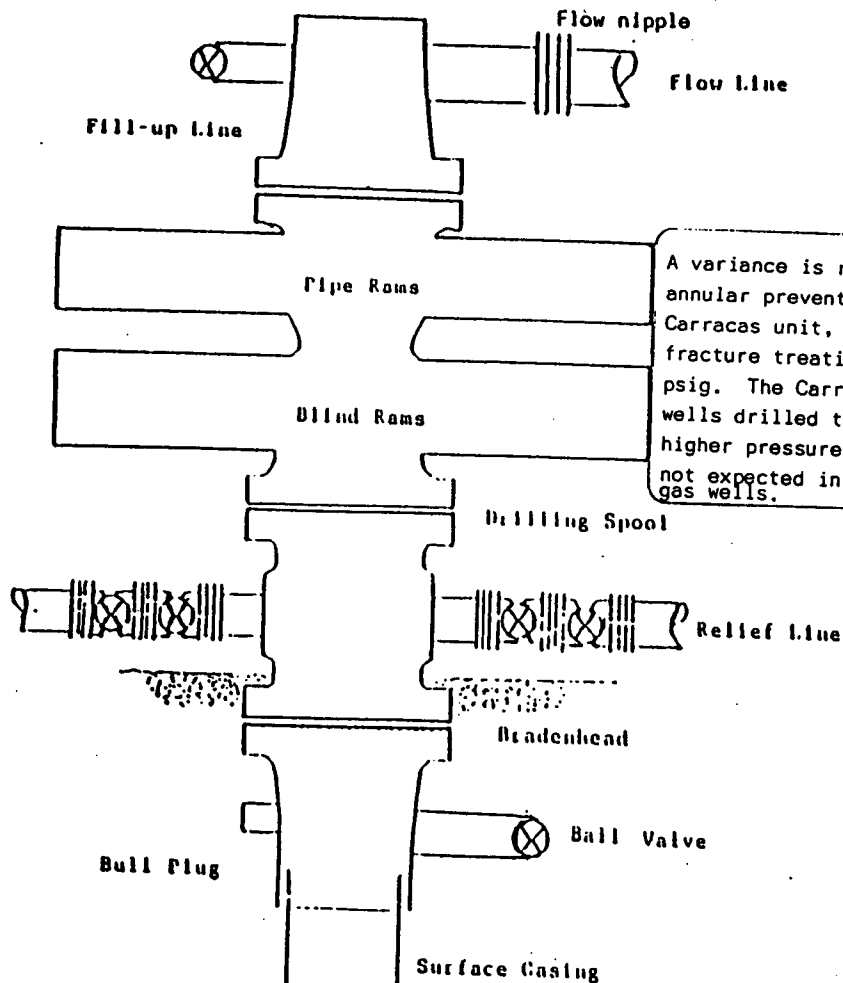
Signature  
*Fran Perrin*  
Printed Name  
Fran Perrin  
Position  
Regulatory Liaison  
Company  
Nassau Resources, Inc.  
Date  
3/23/00

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  
October 11, 1989  
Signature & Seal of Professional Surveyor  
*Edgar L. Risenhoover*  
Certificate No. 9079  
Edgar L. Risenhoover  
REGISTERED LAND SURVEYOR

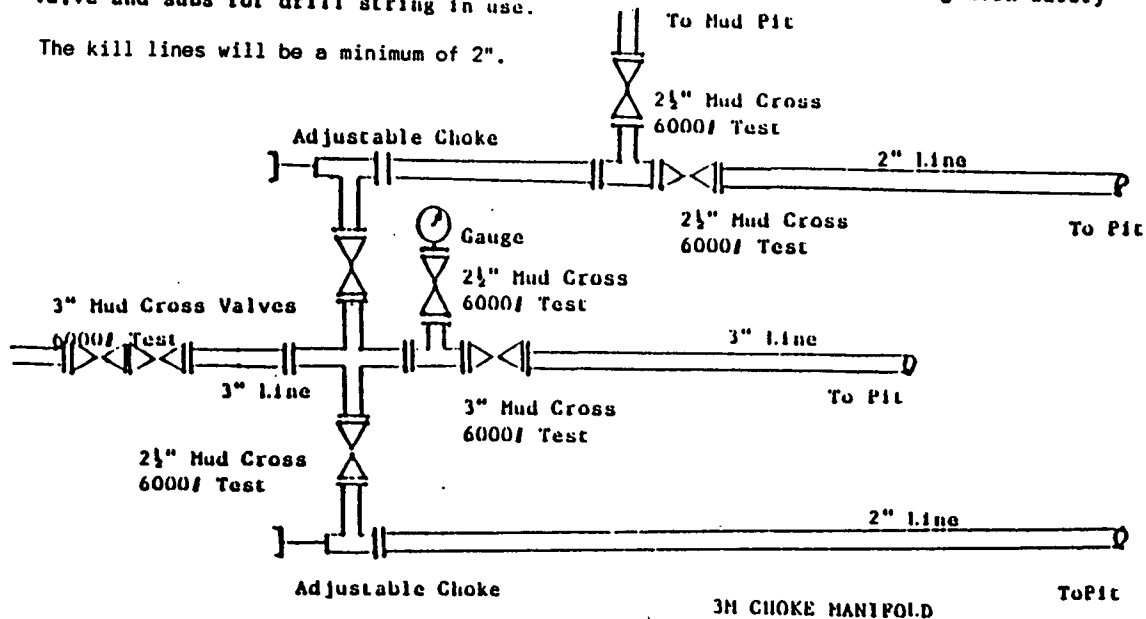
# BLOWOUT PREVENTER INSTALLATION



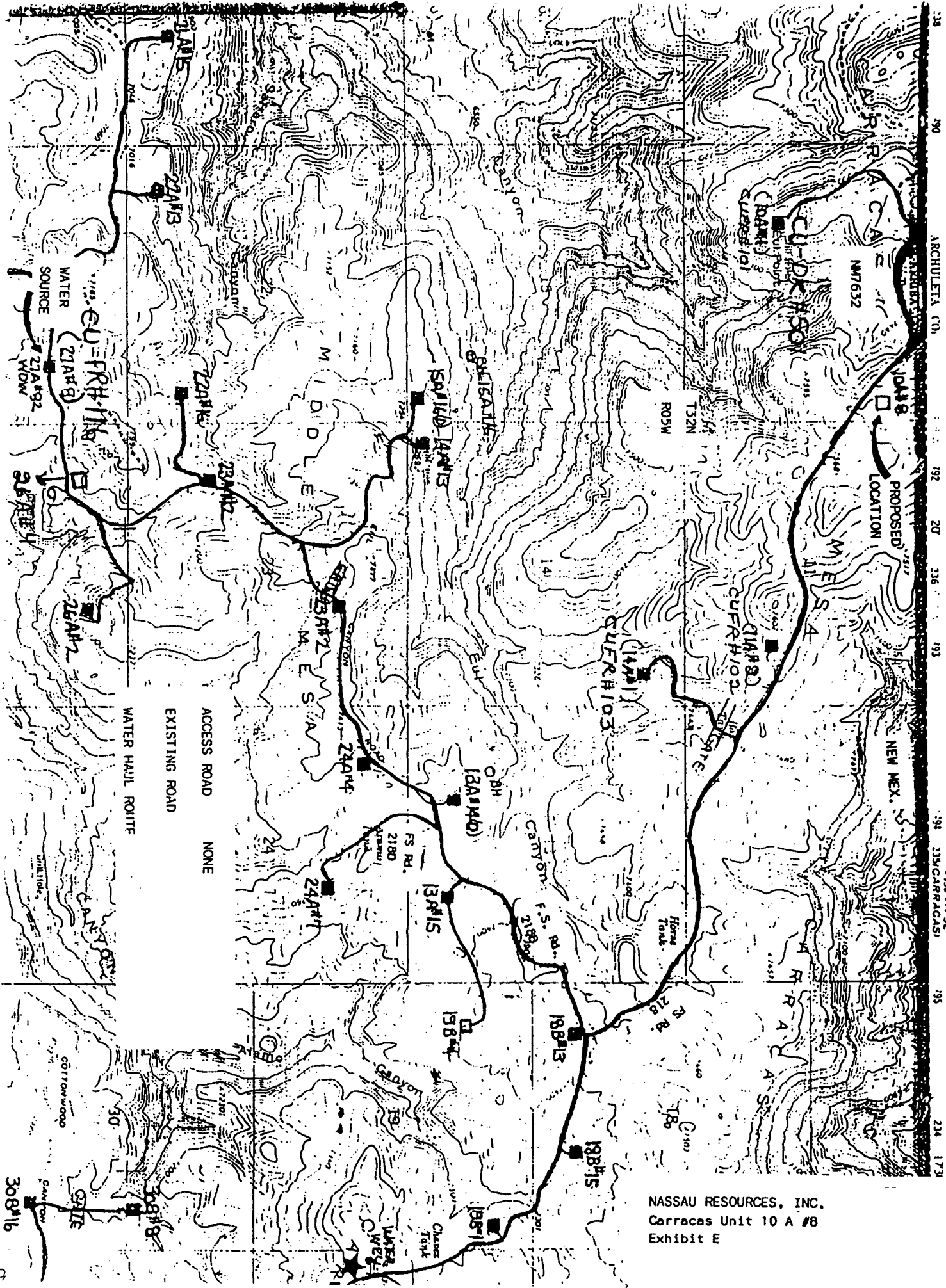
A variance is requested on the use of an annular preventer. While developing the Carracas unit, shut-in pressures after fracture treating have not exceeded 1500 psig. The Carracas Unit now has numerous wells drilled throughout the unit and higher pressures or hazardous zones are not expected in drilling Fruitland Coal gas wells.

Series 900 Double gate BOP, rated at 3000 psi working pressure. When gas drilling operations begin, a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line. Upper Kelly cock valve will be in place with handle on rig floor at all times along with Safety valve and subs for drill string in use.

The kill lines will be a minimum of 2".



NASSAU RESOURCES, INC.  
Carracas Unit 10-A #8  
Exhibit D



NASSAU RESOURCES, INC.  
Carracas Unit 10 A #8  
Exhibit E