

6 BLM

1 DE

1 File

1 Amoco 30-039-24725

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, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM 59696	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR NASSAU RESOURCES, INC.				7. UNIT AGREEMENT NAME Carracas Unit	
3. ADDRESS OF OPERATOR P O BOX 809, Farmington, N.M. 87499				8. FARM OR LEASE NAME Carracas Unit 22 B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1830' FSL - 880' FEL At proposed prod. zone				9. WELL NO. #9	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 miles E SE of Arboles, CO.				10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 880'		16. NO. OF ACRES IN LEASE 1,920.00		17. NO. OF ACRES ASSIGNED TO THIS WELL 320.0	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, (Proposed) OR APPLIED FOR, ON THIS LEASE, FT. 1/3 Mile		19. PROPOSED DEPTH 3635'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6715' GL; 6728' KB				22. APPROX. DATE WORK WILL START* 8/15/89	
23. This action is subject to technical and procedural review pursuant to 43 CFR 3165.8 and appeal pursuant to 43 CFR 3165.8					
SIZE OF HOLE		SIZE OF CASING		WEIGHT PER FOOT	
12-1/4"		9-5/8"		36#	
8-3/4"		5-1/2"		15.5#	
SETTING DEPTH		300'		3635'	
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS.					
165 cu.ft. circ. to surf.					
1370 cu.ft. circ. to surf.					

Plan to drill with spud mud to set 300' of surface casing. Will then drill with water and gel-chem. mud to test the Fruitland coal zone at +3635'. 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**  
APR 23 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 <u>James S. Hazen</u>		TITLE <u>Field Supt.</u>		DATE <u>6/26/89</u>	
(This space for Federal or State office use)					
PERMIT NO. _____		APPROVAL DATE _____			
APPROVED BY _____		TITLE _____			
CONDITIONS OF APPROVAL, IF ANY:					

NSH-2690

67K

NIMOOD

APPROVED  
AS AMENDED  
DATE APR 17 1990  
AREA MANAGER

\*See Instructions On Reverse Side

RECEIVED

APR 3 1960

OIL CON. DIV.  
F. B. I.

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.			Lease Carracas Unit 22 B		Well No. 9
Unit Letter I	Section 22	Township 32 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 1830 feet from the South line and 880 feet from the East line					
Ground level Elev. 6715	Producing Formation Basin Fruitland Coal		Pool Fruitland Coal	Dedicated Acreage: 320.0 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.

RECEIVED APR 23 1990 OIL CON. DIV. DIST. 3	
SECTION 22	880'
NM 59696 Amoco Production Co. 100%	1830'

OPERATOR CERTIFICATION

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

Signature

Printed Name

James S. Hazen

Position

Field Supt.

Company

Nassau Resources, Inc.

Date

6/26/89

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

April 27, 1989

Signature & Seal of  
Professional Surveyor

EDGAR E. RISENHOOVER  
NEW MEXICO  
3979  
Certification No. 5979  
Edgar E. Risenhoover

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



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

August 29, 1989

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

Attention: Fran Perrin

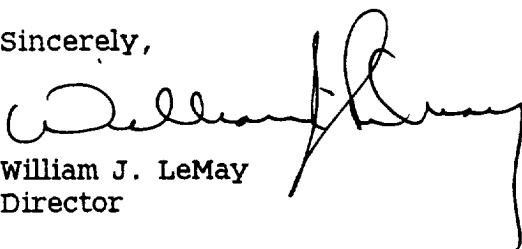
Administrative Order NSL-2690

Dear Ms. Perrin:

Reference is made to your application of July 31, 1989 for a non-standard coal gas well location for your Carracas Unit 22-B Well No. 9 to be located 1830 feet from the South line and 880 feet from the East line (Unit I) of Section 22, Township 32 North, Range 4 West, NMPM, Basin Fruitland Coal (Gas) Pool, Rio Arriba County, New Mexico. The S/2 of said Section 22 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under 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, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

  
William J. LeMay  
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec  
New Mexico Oil & Gas Engineering Committee - Hobbs  
US Bureau of Land Management - Farmington  
US Forest Service - Blanco

**RECEIVED**

SEP 05 1989

CON. DIV.  
DIST. 3



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

GARREY CARRUTHERS  
GOVERNOR

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

Date: 8-8-89

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:

I have examined the application dated 7-31-89  
for the Nassau Res. Inc. Carracas Unit 22B #9  
Operator Lease & Well No.

I-22-32A-441 and my recommendations are as follows:  
Unit, S-T-R

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

Yours truly,

E. A. Busch

July 26, 1989

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

**RECEIVED**  
JUL 31 1989  
OIL CON. DIV  
DIST. 3

RE: Application for Unorthodox Location  
Nassau Resources, Inc.  
Carracas Unit 22 B #9  
1830 FSL - 880' FEL  
Sec. 22, Township 32 North, Range 4 West, NMPM  
Rio Arriba County, New Mexico

Gentlemen:

Nassau Resources, Inc., hereby requests administrative approval of an unorthodox location for the captioned well based upon terrain.

As indicated by the attached topographic map, the terrain in this section is extremely rough and no other drill sites in the south half of this section are feasible.

Attached is a copy of a letter from Philip Settles of the Jicarilla Ranger District of Carson National Forest indicating their guidelines for development.

This well is in Nassau's Carracas Unit. Lou Deane Montoya, owner of unleased mineral rights in the NW/4 of Section 23, has been notified of this application by certified mail. Amoco Production Co., a party to the unit has also been notified by certified by mail. Kindermac Partners is an operating affiliate with Nassau Resources, Inc. and has been notified of the application.

Also attached are the C-102 plat and production map.

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

Respectfully submitted,

*Fran Perrin*

Fran Perrin

Attachments

XC: ✓ Ernie Busch, NMOCD, Aztec, NM  
Kindermac Partners  
Amoco Production Co.  
Lou Deane Montoya

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

Appropriate  
Office  
Case - 4 copies  
Lease - 3 copies

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 22 B		Well No. 9
Unit Letter 1	Section 22	Township 32 North	Range 4 West	County NMPL	Rio Arriba
Actual Footage Location of Well:					
1830 feet from the South line and		880 feet from the East line		Dedicated Acreage:	
Ground level Elev. 6712		Producing Formation Basin Fruitland Coal		Pool Fruitland Coal	
				320.0 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. (The reverse side of this form if necessary.)

If 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

Nassau Resources, Inc.  
Carracas Unit 22 B #9  
Appl. for Unorthodox Loc.

SECTION 22

NM 59696  
Amoco Production Co.  
100%

880'

1830'

OPERATOR CERTIFICATION

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

Signature

Printed Name

James S. Hazen

Position

Field Supt.

Company

Nassau Resources, Inc.

Date

6/26/89

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.

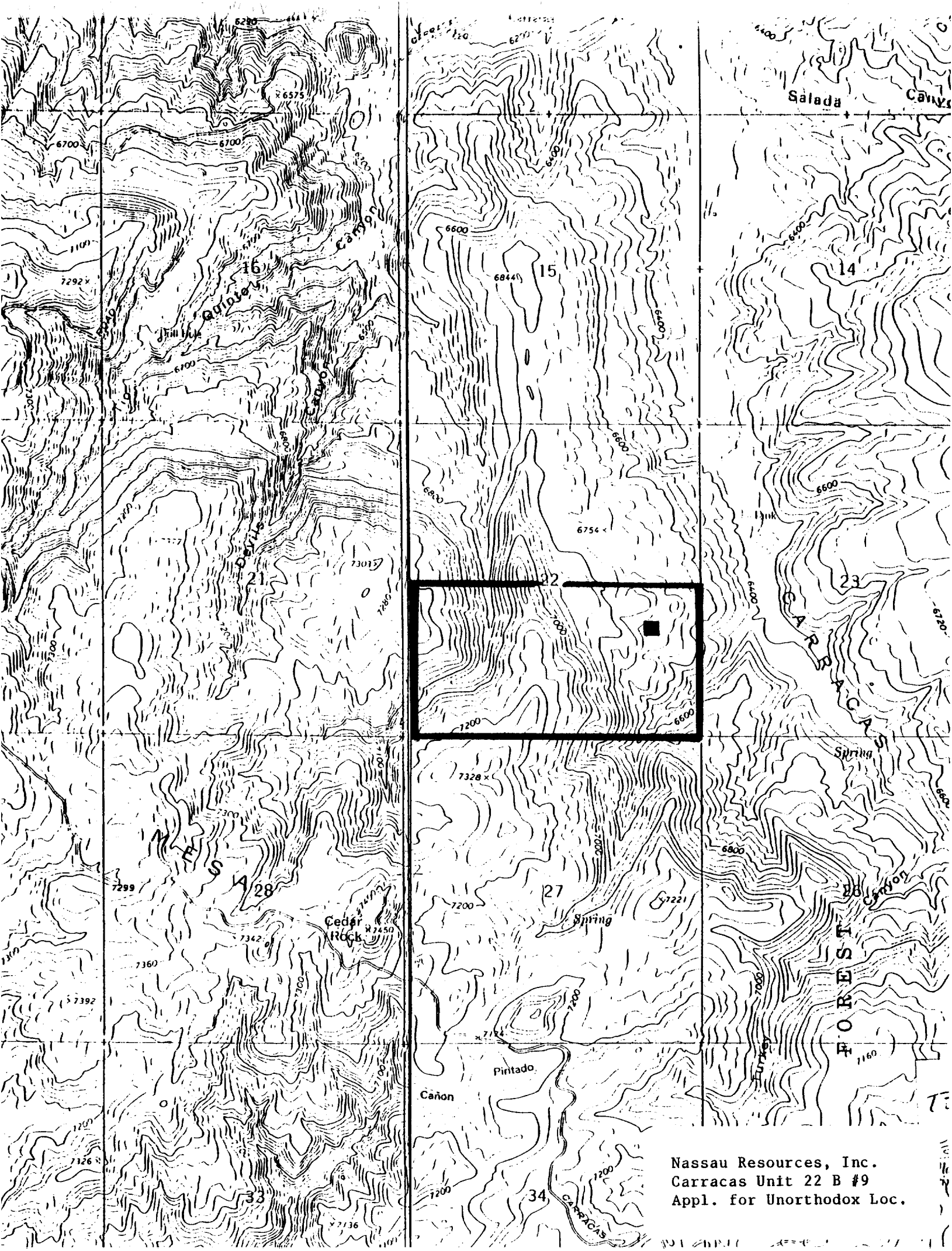
Date Surveyed

April 27, 1989

Signature & Seal of  
Professional Surveyor

EDGAR E. RISENHOWER  
NEW MEXICO  
5979  
Edgar E. Risenhower





Nassau Resources, Inc.  
Carracas Unit 22 B #9  
Appl. for Unorthodox Loc.



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



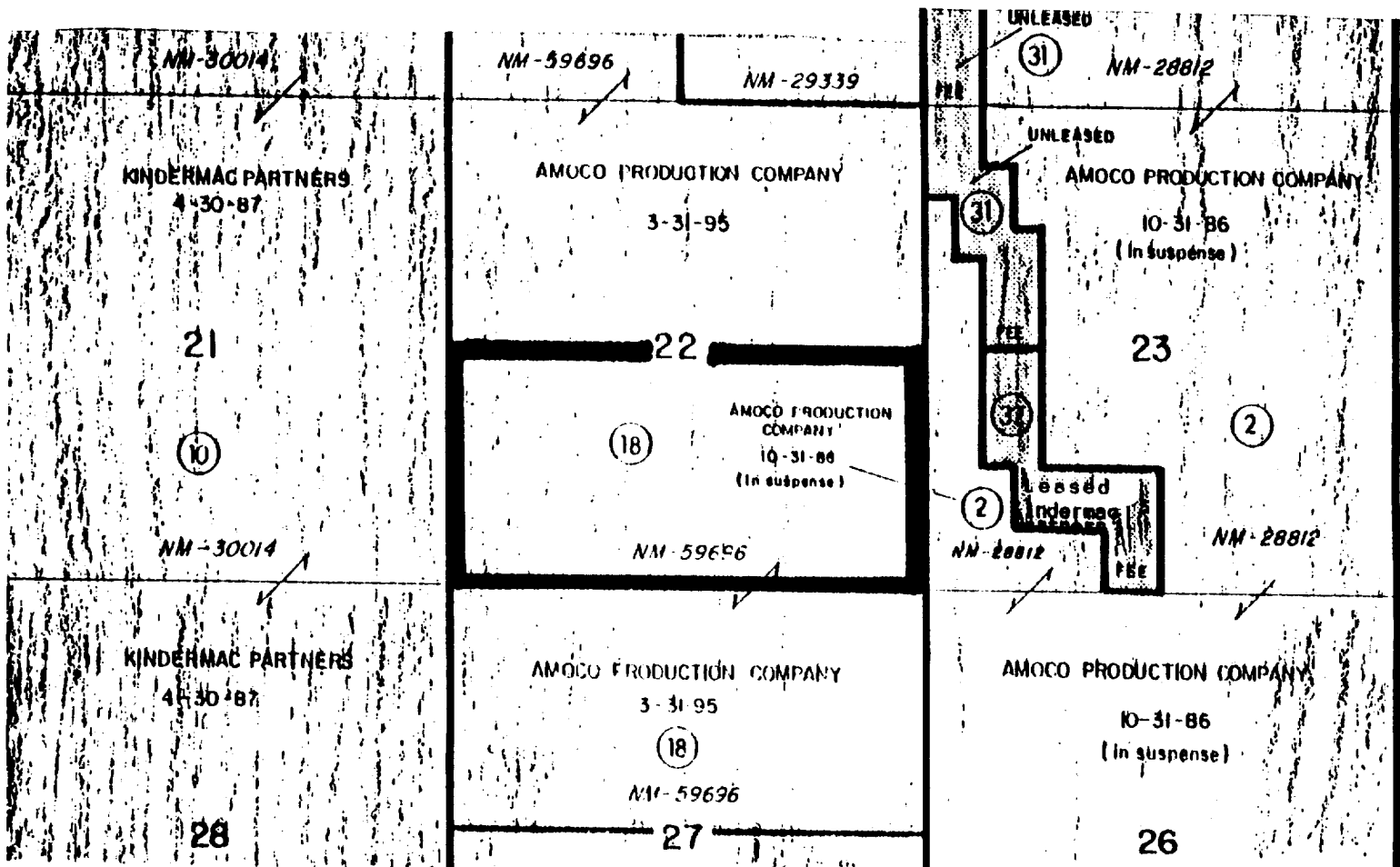
AUG 9 1988

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Nassau Resources, Inc.  
Carracas Unit 22 B #9  
Appl. for Unorthodox Loc.

# LEASE PLAT

Township 32 North, Range 4 West NMPM Rio Arriba County, NM



Party to the Unit:  
Amoco Production Co.

Operating Affiliate:  
Kindermac Partners

Unleased Fee:  
Parcel #31 (a Portion of the NW/4 of Sec.  
23) Mineral rights owned by J. C. Montoya  
A/K/A Carlos Montoya, dec. &  
Lou Deane Montoya  
2258 21st Ave.  
San Francisco, CA 94116

Nassau Resources, Inc.  
Carracas Unit 22 B #9  
Appl. for Unorthodox Loc.

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