

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

30-039-25151

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.  
NM 29340

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. LEASE AGREEMENT NAME

Carracas Unit

8. FIRM OR LEASE NAME

Carracas Unit 36 A

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 36, T32N, R5W,

12. COUNTY OR PARISH

13. STATE

Rio Arriba

NM

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

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

430' FNL - 800' FEL

At proposed prod. zone

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

30 miles north of Gobernador, N.M.

15. DISTANCE FROM PROPOSED\*

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

430'

16. NO. OF ACRES IN LEASE

824.25

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320.0

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

1/4 mile

19. PROPOSED DEPTH

3730'

20. ROTARY OR CABLE TOOLS

Rotary

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

6960' GL; 6971' KB

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 2165.4.

22. APPROX. DATE WORK WILL START\*

5/92

23. PROPOSED CASING AND CEMENTING 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#	250'	150 cu.ft. circ. to surface
7-7/8"	5-1/2"	15.5#	3730'	806 cu.ft. circ. to surface

Plan to drill with spud mud to set 250' of surface casing. Will then drill with water and gel chem. mud to test the Fruitland coal zone at  $\pm$  3730'. Will run FDC-CNL-GR Caliper and FDC-CNL-GR Caliper 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.

The previously approved APD on this well expired 5/1/91.

API number is #30-039-24410.

The New Mexico Oil Conservation Division approved this as an unorthodox well location, April 11, 1989, Amended Administrative Order NSL-2588.

"Approval of this action does  
not warrant that the applicant  
holds legal or equitable rights  
or title to the lease."

GAS IS NOT DEDICATED.

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 location and vertical depths. Give blowout preventer program, if any.

24.

SIGNED

M.B. McHugh

TITLE

Field Coord.

DATE

8/22/91

(This space for Federal or State use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

NOV 25 1991

APPROVED  
AS AMENDED

NOV 19 1991

AREA MANAGER

OIL CON. DIV.)

DIST. 3

NMOCD

\*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.

REVISED,  
1973/11/14, RA

1973/11/14

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1973/11/14

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

Operator Nassau Resources, Inc.		Lease Carracas Unit 36 A		Well No. 1
Unit Letter A	Section 36	Township 32 North	Range 5 West	County
Actual Footage Location of Well 430 feet from the North line and 800 feet from the East line				
Ground Level Elev. 6960	Producing Formation Fruitland	Pool Basin Fruitland Coal	Dedicated Acreages 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 interests 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 interests, has been approved by the Division.

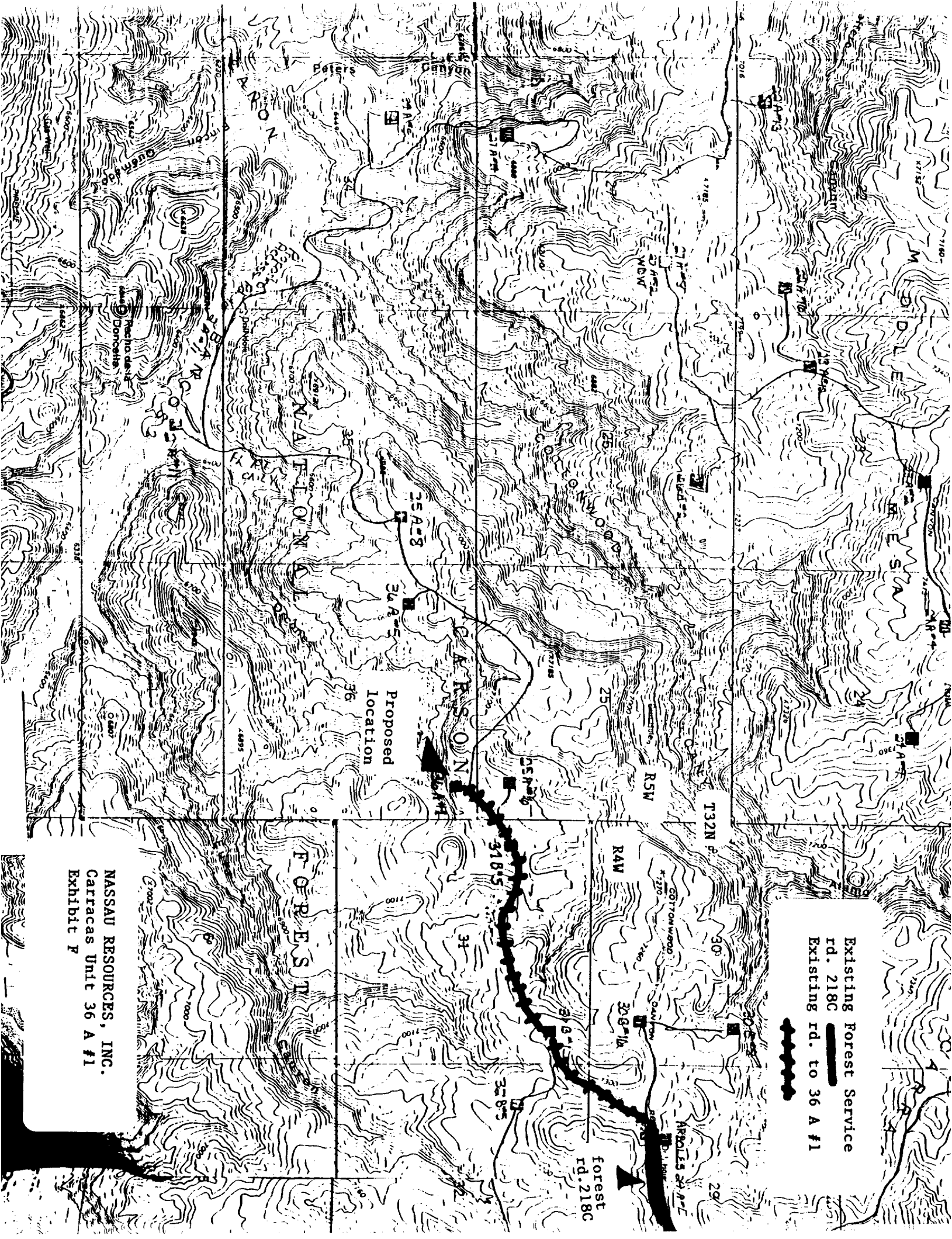
RECEIVED BLM MAIL ROOM 89 FEB - 1 AM 9:30 FARMINGTON RESOURCE AREA FARMINGTON, NEW MEXICO	SECTION 36
	NM 29340 Amoco Production Co. 100%
RECEIVED NOV 25 1991 GILCOR DIV. DIST. 3	

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Fran Perrin</i>	
Name	Fran Perrin
Position	Admin. Asst.
Company	Nassau Resources, Inc.
Date	January 31, 1989
	
Date Surveyed	August 24, 1988
Registered Professional Engineer and/or Land Surveyor	
<i>Edgar L. Risenhoover</i>	
Certificate No.	5979

Existing Forest Service  
rd. 218C  
Existing rd. to 36 A #1



forest  
rd. 218C



NASSAU RESOURCES, INC.  
Garracas Unit 36 A #1  
Exhibit F