

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 ☒

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

1100' FSL - 790' FEL

At proposed prod. zone

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

± 30-1/2 miles N. of Gobernador, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 790'

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

1/3 mile

16. NO. OF ACRES IN LEASE

2,482.20

19. PROPOSED DEPTH

3945'

17. NO. OF ACRES ASSIGNED TO THIS WELL

160.0 5/310.55

20. ROTARY OR CABLE TOOLS

Rotary

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

7240' GL; 7252' KB

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

Sept. 1988

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	9-5/8"	36#	250'	150 cu.ft. circ. to surface.
7-7/8"	5-1/2"	15.5#	3945'	855 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 ± 3945'. Will run DIL-GR-SP and FCD-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.

GAS IS NOT DEDICATED.

RECEIVED

MAY 01 1989

AL 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 prevention program, if any.

24.

SIGNED James R. Hazen

TITLE Field Supt.

DATE Sept. 7, 1988

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

APR 26 1989

AREA MANAGER

*See Instructions On Reverse Side

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

Operator Nassau Resources, Inc.		Lease Carracas Unit 30 B		Well No. 16
Unit Letter P	Section 30	Township 32 North	Range 4 West	County Rio Arriba
Actual Footage Location of Well:				
1100	feet from the	South	line and	790
			feet from the	East
Ground Level Elev. 7240	Producing Formation Fruitland	Pool Basin Fruitland Coal	Dedicated Acreage: 310.55 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.

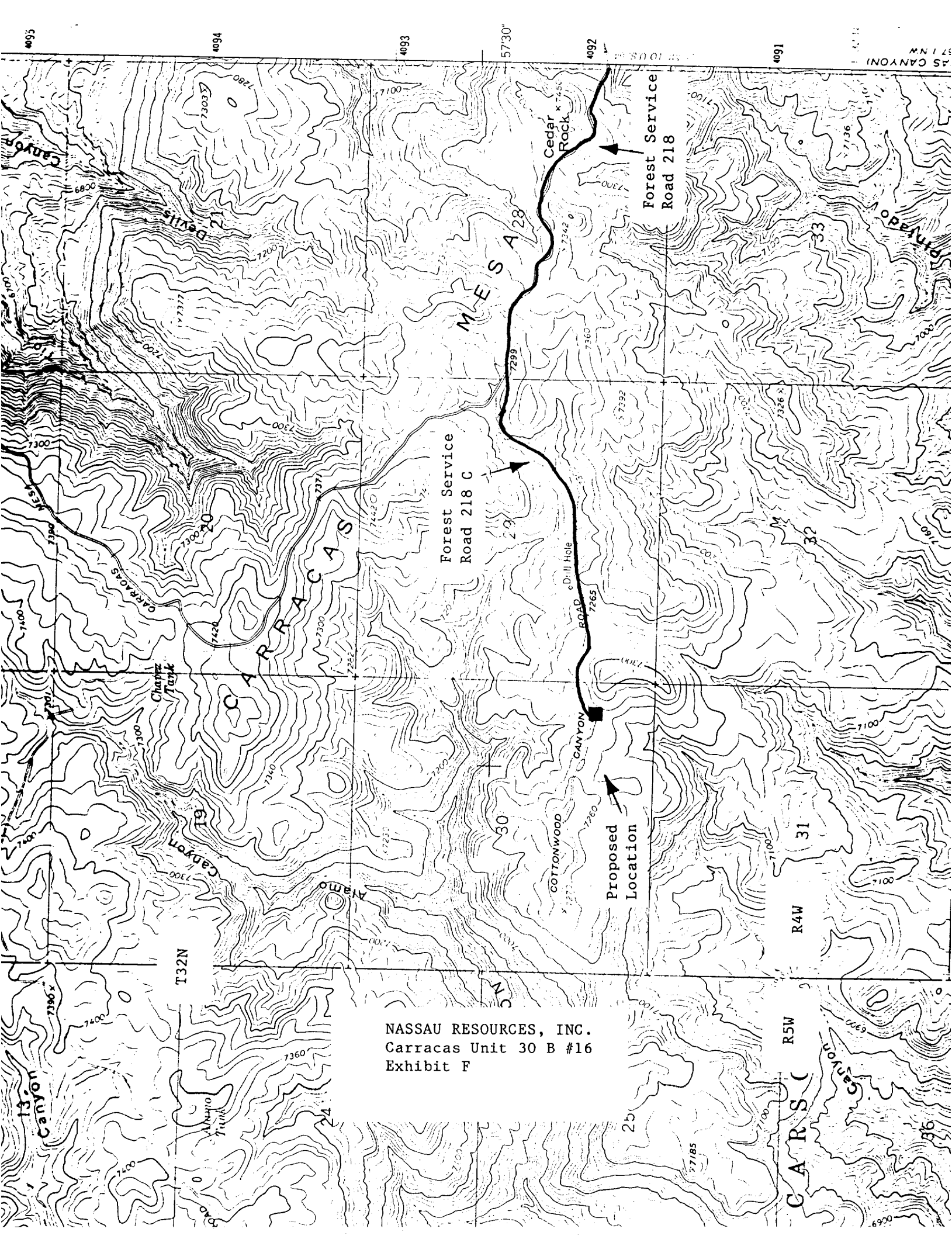
SECTION 30

05 FEB 11 AM 9:24
 FARMINGTON RESOURCE AREA
 FARMINGTON, NEW MEXICO

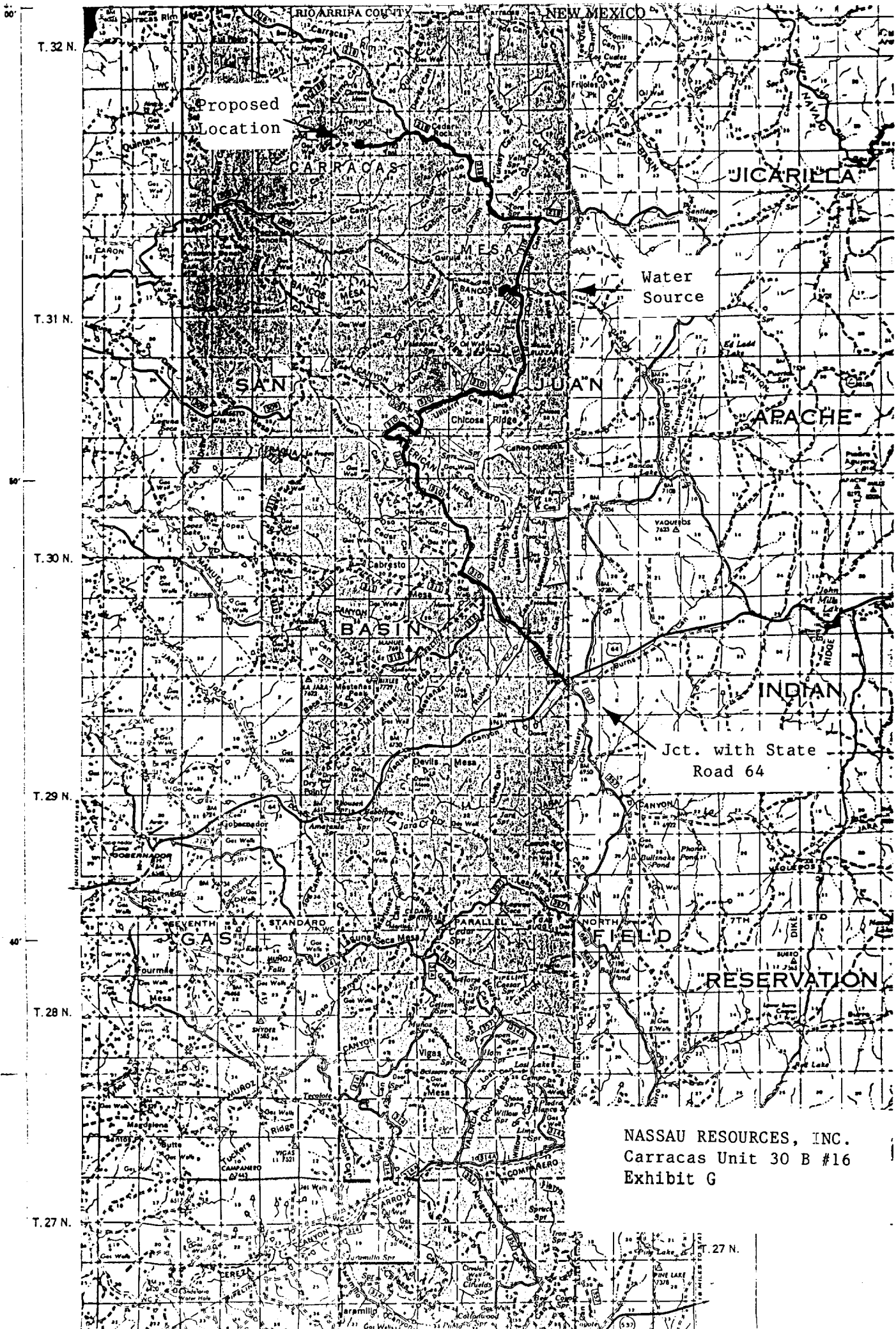
NM 30015
 Kindermac Partners
 100%

790'
 1100'

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 1/31/89	
	
Date Surveyed August 11, 1988	
Registered Professional Engineer and/or Land Surveyor <i>Edgar L. Risenhoover</i>	
Certificate No. 5979	



NASSAU RESOURCES, INC.
Carracas Unit 30 B #16
Exhibit F



T. 32 N.

T. 31 N.

T. 30 N.

T. 29 N.

T. 28 N.

T. 27 N.

T. 27 N.

NASSAU RESOURCES, INC.
Carracas Unit 30 B #16
Exhibit G

$$\begin{array}{r}
 45.26 \\
 35.29 \\
 \hline
 70.55 \\
 180.60 \\
 \hline
 150.05 \\
 160.00 \\
 \hline
 310.55
 \end{array}$$