

Form 3160-3
(November 1983)
(formerly 9-331C)SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)30-039-24649
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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 30584	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <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 13 B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1830' FSL - 1730' FWL At proposed prod. zone		9. WELL NO. #11	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* ± 12 miles E SE of Arboles, CO.		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 510'		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 13, T32N, R4W, NMPM	
16. NO. OF ACRES IN LEASE 774.72		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320.0		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1/2 mile		14. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 3570'		22. APPROX. DATE WORK WILL START* 4/15/90	
20. ELEVATIONS (Show whether DF, RT, GR, etc.) 6805' GL; 6818' KB			

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
124 cu.ft. circ. to surf.
1355 cu.ft. circ. to surf.

INCHES OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	36#	200'
8-3/4"	15.5#	3570'

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 ± 3570'. 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.

RECEIVED

MAR 07 1990

OIL CON. DIV.
DIST. 3

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 locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED <u>Fran Perrin</u>	TITLE <u>Admin. Asst.</u>	DATE <u>1/26/90</u>
(This space for Federal or State office use)		
PERMIT NO. _____	APPROVAL DATE _____	
APPROVED BY <u>[Signature]</u>	TITLE _____	
CONDITIONS OF APPROVAL, IF ANY:		

APPROVED
AS AMENDED

MAR 02 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

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

RECEIVED
PLM MAIL ROOM
90 FEB -2 PM 1:48

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 13 B		Well No. 11
Unit Letter K	Section 13	Township 32 North	Range 4 West	County NMPM	Rio Arriba
Actual Footage Location of Well: 1830 feet from the South line and 1730 feet from the West line					
Ground level Elev. 6805	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal	Dedicated Acreage: 320.0 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Unitization - Carracas Unit</u> 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.</p>					

OPERATOR CERTIFICATION

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

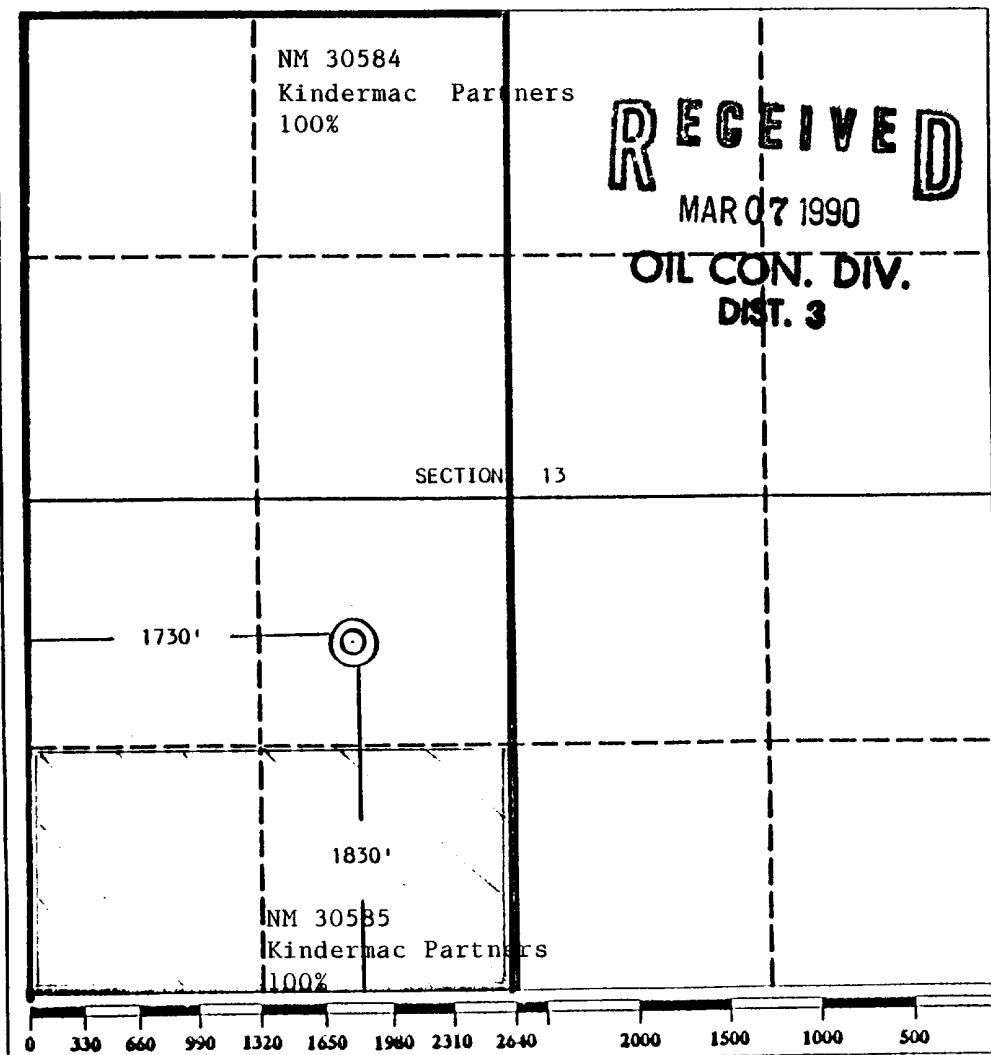
Signature
Fran Perrin
Printed Name
Fran Perrin
Position
Admin. Asst.
Company
Nassau Resources, Inc.
Date
1/26/90

SURVEYOR CERTIFICATION

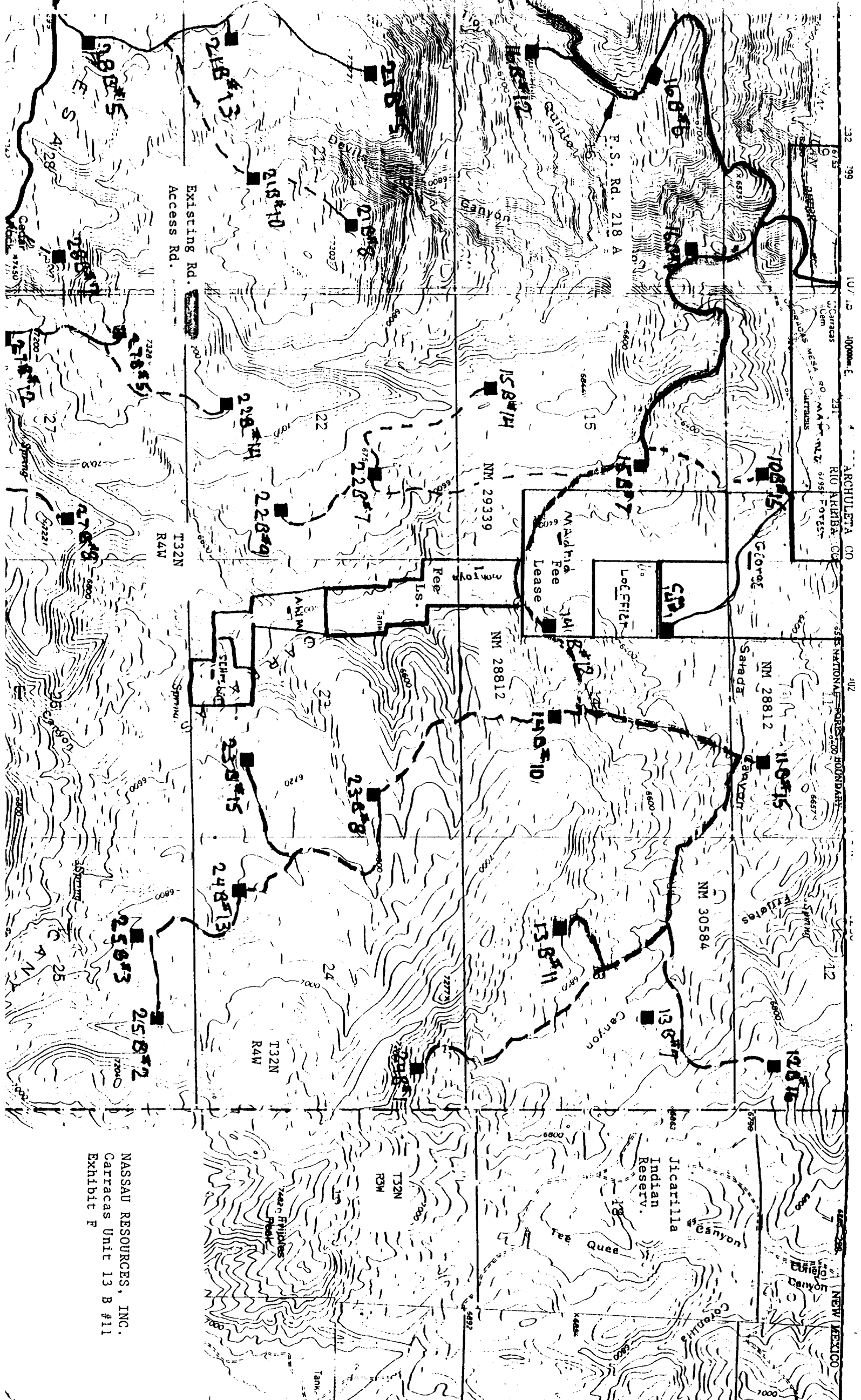
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
March 30, 1989

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



OFFICE OF THE
JUDGE ADVOCATE GENERAL
NAVY
WASHINGTON, D. C.
20340



NASSAU RESOURCES, INC.
Carracas Unit 13 B #11
Exhibit F