

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
470' FSL - 1190' FEL
At proposed prod. zone
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
± 12 miles E SE of Arboles, CO.
15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 990'
18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1/2 mile
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6910' GL; 6922' KB

5. LEASE DESIGNATION AND SERIAL NO.
NM 30584
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Carracas Unit
8. FARM OR LEASE NAME
Carracas Unit 12 B
9. WELL NO.
#16
10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
P
Sec. 12, T32N R4W, NMPM
12. COUNTY OR PARISH
Rio Arriba
13. STATE
N.M.
17. NO. OF ACRES ASSIGNED
TO THIS WELL
266.52
20. ROTARY OR CABLE TOOLS
Rotary
22. APPROX. DATE WORK WILL START*
4/15/90

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.6
and appeal pursuant to 43 CFR 3165.4.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS

SIZE OF HOLES	WEIGHT PER FOOT	SETTING DEPTH	GENERAL REQUIREMENTS
12-1/4"	36#	200'	124 cu.ft. circ. to surf.
8-3/4"	15.5#	2470'	935 cu.ft. circ. to surf.

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 ± 2470'. 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 Fran Perrin TITLE Admin. Asst. DATE 1/30/90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

USL-2778

*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.

APPROVED
AS AMENDED
APR 17 1990
AREA MANAGER

RESERVE
OIL CO. DIV.
DIST. 2

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 12 B		Well No. 16
Unit Letter P	Section 12	Township 32 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well: 470 feet from the South line and 1190 feet from the East line					
Ground level Elev. 6910		Producing Formation Fruitland Coal		Pool Basin Fruitland Coal	
				Dedicated Acreage: 266.54 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.

COLORADO

NEW MEXICO		SECTION 12	
Fractional Section			
26.78	26.82	26.46	26.24
NM 30584 Kindermac Partners 100%			
470' 1190'			

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

1/31/90

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

December 8, 1989

Signature & Seal of
Professional Surveyor

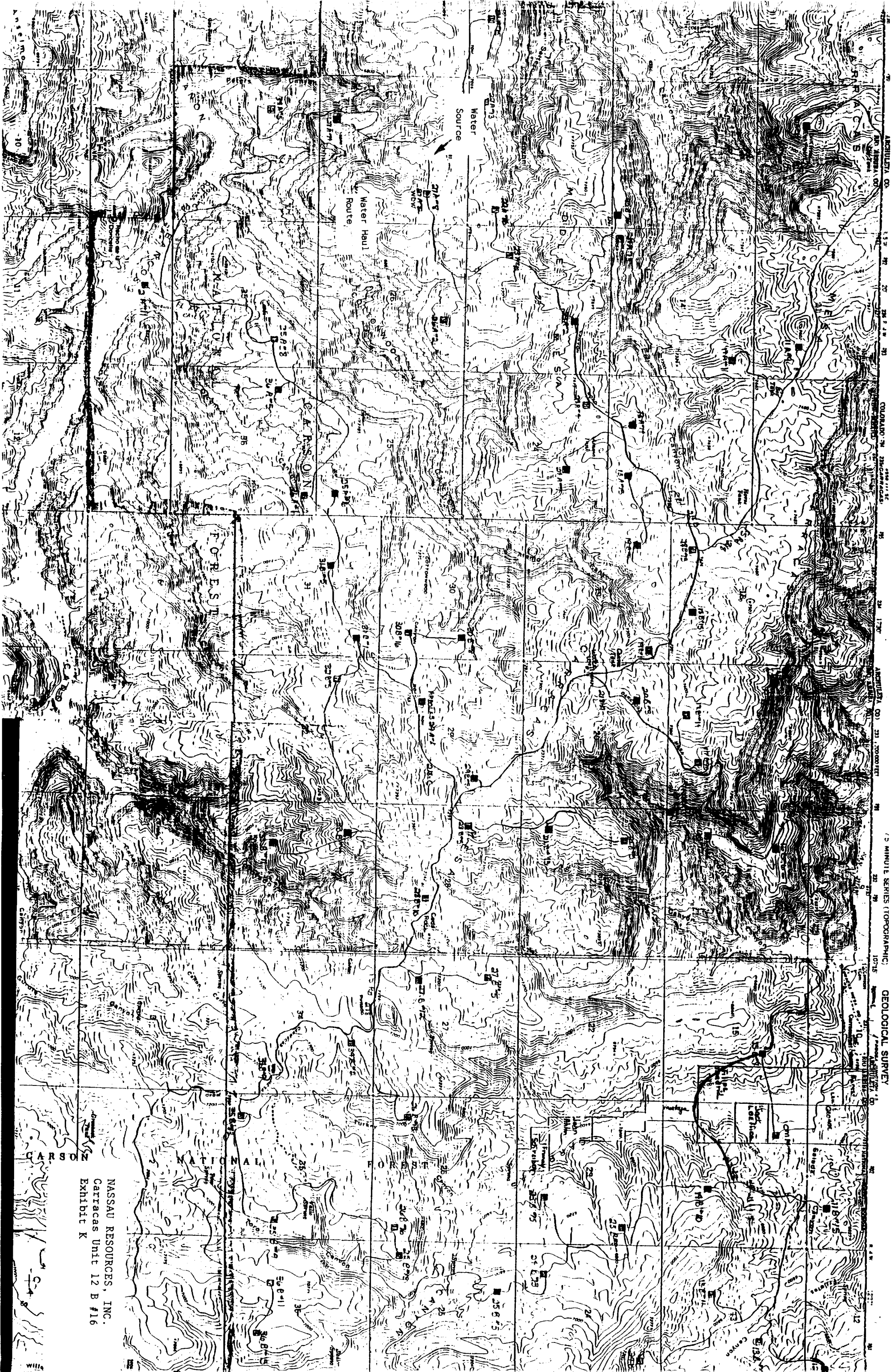
EDGAR L. RISENHOVER
NEW MEXICO
1979
Edgar Risenhoover

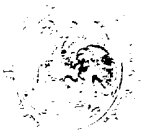
RECEIVED
APR 23 1990

OIL CON. DIV
DIST. 3

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

RECEIVED
APR 23 1960
OIL COM. DIV.
FBI





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

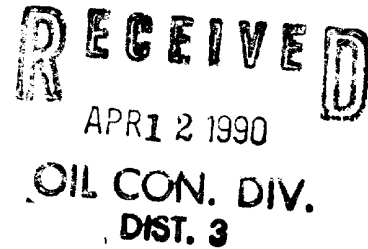
GARREY CARRUTHERS
GOVERNOR

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

April 5, 1990

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

Attention: Fran Perrin



Administrative Order NSL-2778

Dear Ms. Perrin:

Reference is made to your application dated February 14, 1990 for a non-standard coal gas well location for your Carracas Unit "12-B" Well No. 16 to be located 470 feet from the South line and 1190 feet from the East line (Unit P) of Irregular Section 12, Township 32 North, Range 4 West, NMPM, Basin Fruitland Coal (Gas) Pool, Rio Arriba County, New Mexico. Lots 5 through 8 and the S/2 S/2 of said Section 12 shall be dedicated to the well forming a standard 266.55-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
US Bureau of Land Management - Farmington
US Forest Service - Blanco
Case File No. 9904