

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

190' FSL - 1850' FEL  
At proposed prod. zone 2010

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

± 33 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)

1850'

16. NO. OF ACRES IN LEASE

2,525.47

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160.0

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

2/3 mile

19. PROPOSED DEPTH

4065'

20. ROTARY OR CABLE TOOLS

Rotary

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

7362' GL; 7374' RD 7370

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START\*

10/88

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

| 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#           | 4065'         | 883' 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 ± 4065'. Will run DIL-GR-SP 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.

GAS IS NOT DEDICATED.

RECEIVED

MAY 04 1989

OIL CON. DIV  
DIST. 9

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

24.

SIGNED

James S. Hazen

TITLE

Field Supt.

DATE

August 29, 1988

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

R-8844 (NSL)

NN000

\*See Instructions On Reverse Side

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

|   |                                  |                      |                              |                      |  |                                |  |  |
|---|----------------------------------|----------------------|------------------------------|----------------------|--|--------------------------------|--|--|
| Operator<br>Nassau Resources, Inc.  |                                  |                      | Lease<br>Carracas Unit 17 B  |                      |  | Well No.<br>15                 |  |  |
| Unit Letter<br>0  | Section<br>17                    | Township<br>32 North | Range<br>4 West              | County<br>Rio Arriba |  |                                |  |  |
| Actual Footage Location of Well:<br>650 feet from the South line and 2070 feet from the East line |                                  |                      |                              |                      |  |                                |  |  |
| Ground Level Elev.<br>7370  | Producing Formation<br>Fruitland |                      | Pool<br>Basin Fruitland Coal |                      |  | Dedicated Acreage<br>320 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 Carracas Unit - Unitization

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.

|   |  |  |  |
|---|--|--|--|
| <p>RECEIVED<br/>88 DEC 15 AM 9:05<br/>FARMING FOR RESEARCH<br/>FARMINGTON, NEW MEXICO</p> |  | <p>NM 28277<br/>Kindermac Partners</p>                               |  |
| SECTION   |  | <p><b>RECEIVED</b><br/>MAY 04 1989<br/>OIL CON. DIV.<br/>DIST. 8</p> |  |
|   |  | <p>2070'</p>   |  |
|   |  | <p>650'</p>  |  |

**CERTIFICATION**

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

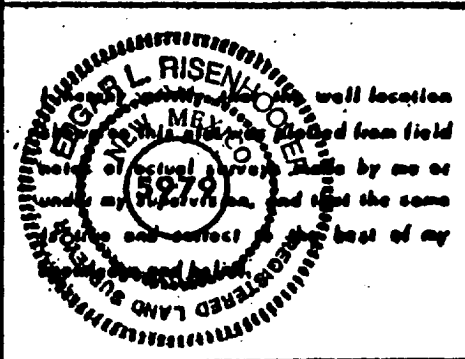
*Fran Perrin*

Name  
Fran Perrin

Position  
Admin. Asst.

Company  
Nassau Resources, Inc.

Date  
12/8/88



Date Surveyed  
August 24, 1988

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979