

1 Amoco **UNITED STATES**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1 File
SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form Approved
Budget Bureau No. 1001-0-1
Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

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.*
See also space 17 below)
At surface
800' FSL - 1760' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7405' GL

NM 29760
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Carracas Unit

8. FARM OR LEASE NAME
Carracas Unit 13 A

9. WELL NO.
#14

10. FIELD AND POOL OR WILDCAT
Basin Fruitland Coal

11. SEC., T., R., M., OR B.E. AND SURVEY OR AREA
Sec. 13, T32N, R5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Change of plans

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

XX

SUBSEQUENT REPORT OF:

WATER SHUT OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plan to directionally drill the subject well as follows:

Proposed Surface Location: 800' FSL & 1760' FWL

(no change)

Bottom Hole Location: 1700' FSL & 1300' FWL

(within a 50' radius)

True Vertical Depth: Approximately 4200'

Measured Depth: Approximately 4300'

Attached are the C-102 plat showing both surface and bottom hole locations

Revised Operations Plan

Revised BOP Information

Schematic Diagram of Planned Deviation

Copy of OCD Administration Order #DD-28, approving the
directional drilling.

RECEIVED
SEP 18 1989

OIL CON. DIV.

APPROVED

18. I hereby certify that the foregoing is true and correct

SIGNED

Fran Perrin
Fran Perrin

TITLE

Admin. Asst.

DATE 9/11/89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

SEP 14 1989

DATE

AREA MANAGER

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

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

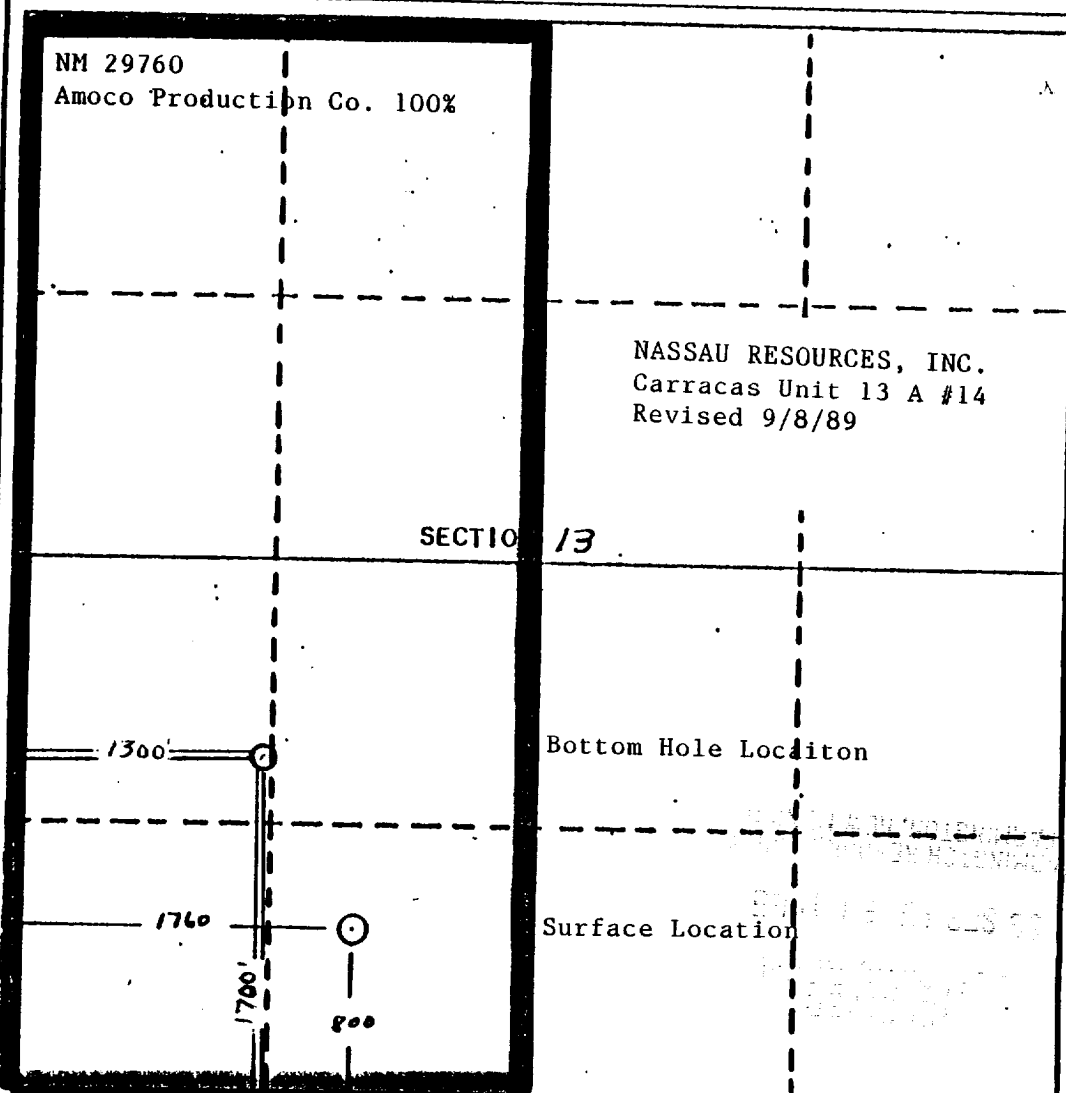
Operator Nassau Resources, Inc.			Lease Carracas Unit 13 A		Well No. 14
Unit Letter N	Section 13	Township 32 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 800 feet from the SOUTH line and 1760 feet from the WEST line					
Ground Level Elev. 7405	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage 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 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.



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

9/8/89

I hereby certify that the location shown on this plat was determined from field notes of actual survey 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

5-26-88

Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. 5979

Edgar L. Risenhoover, L.S.

REVISED OPERATIONS PLAN

OPERATOR: NASSAU RESOURCES, INC.
WELL NAME: Carracas Unit 13 A #14
FIELD: Basin Fruitland Coal
SURFACE LOCATION: 800' FSL - 1760' FWL
BOTTOM HOLE LOCATION: 1700' FSL - 1300' FWL
Sec. 13, T32N, R5W, NMPM
Rio Arriba County, New Mexico
ELEVATION: 7405' GL

EXPECTED FORMATION TOPS: TVD
Ojo Alamo 3390'
Kirtland 3575
Fruitland 3965

LOGGING PROGRAM: DIL-GR-SP & FDC-CNL-GR-CALIPER

SAMPLES: Catch samples every 10' from 3900' to TD.

CASING PROGRAM:

<u>Hole</u> <u>Size</u>	<u>Depth</u>	<u>Csg.</u> <u>Size</u>	<u>Wt./Ft.</u>	<u>Grade &</u> <u>Condition</u>
12-1/4"	300'	9-5/8"	36#	J-55, New
Cement:	140 sx Class "B"	w/ 2% CaCl	(165 cu.ft.)	
8-3/4"	4300'	5-1/2"	15.5#	K-55, New
	Measured depth			
Cement:	560 sx 65/35 w/ 12% gel & 1/4#/sk flowseal			
	100 sx 50/50 poz w/ 2% gel, 6-1/4#/sk gilsonite			
	& 1/4#/sk flowseal (1606 cu.ft.)			

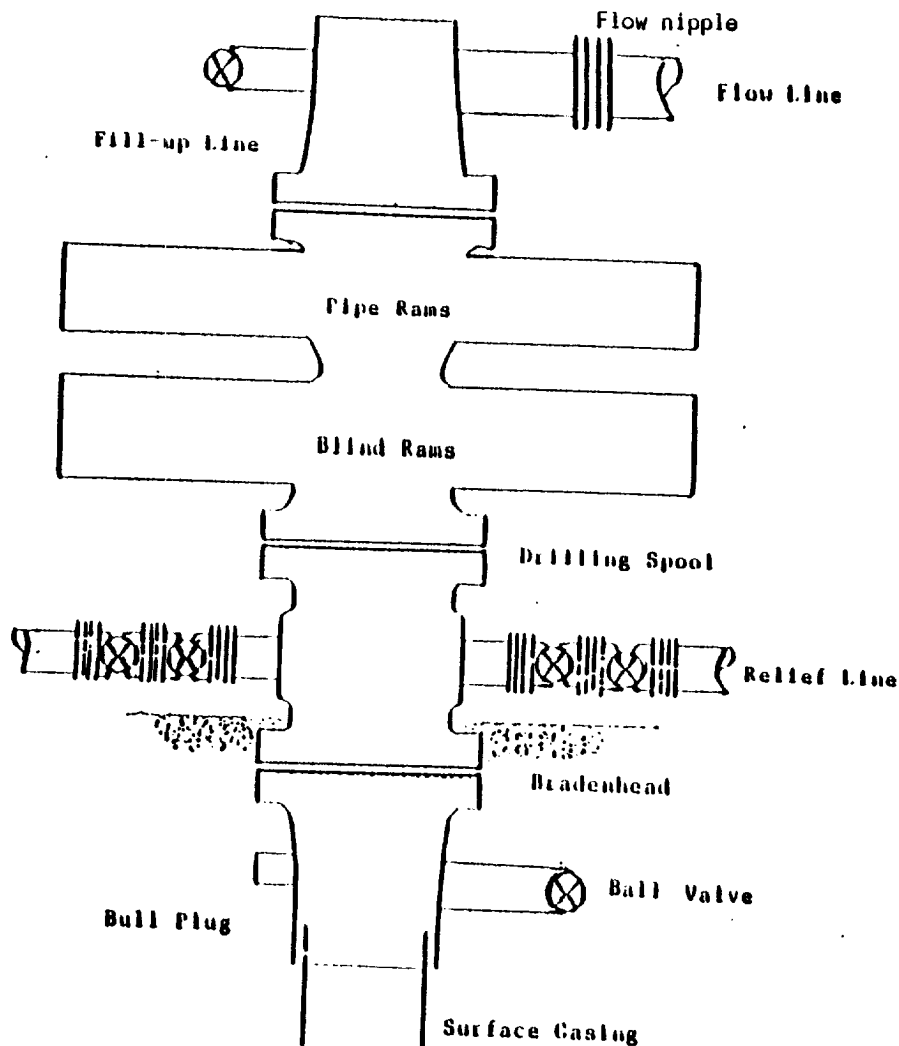
WELLHEAD EQUIPMENT: 9-5/8" x 11" 600 series Bradenhead &
11" x 7-1/16" 600 series, 2000 psi working pressure well
head.

TECHNICAL PERSONNEL:

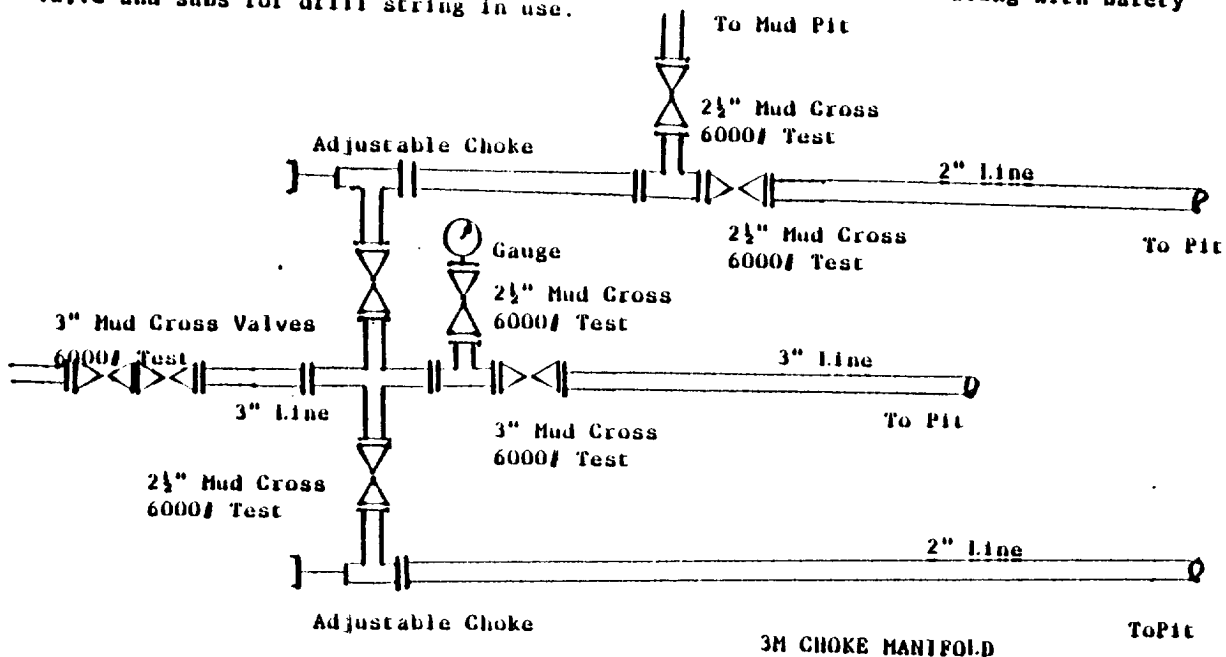
James S. Hazen, Field Supt.
Nassau Resources, Inc.
P O Box 809
Farmington, NM 87499
(505) 326-7793 Office
(505) 334-8225 Home

Gary Johnson, Petroleum Engr.
Nassau Resources, Inc.
650 South Cherry St. #1225
Denver, CO 80222
(303) 321-2111 Office
(303) 688-9864 Home

NASSAU RESOURCES, INC.
Carracas Unit 13 A #14
Exhibit B
Revised 9/8/89



Series 900 Double gate BOP, rated at 3000 psi working pressure. When gas drilling operations begin, a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line. Upper Kelly cock valve will be in place with handle on rig floor at all times along with Safety valve and subs for drill string in use.



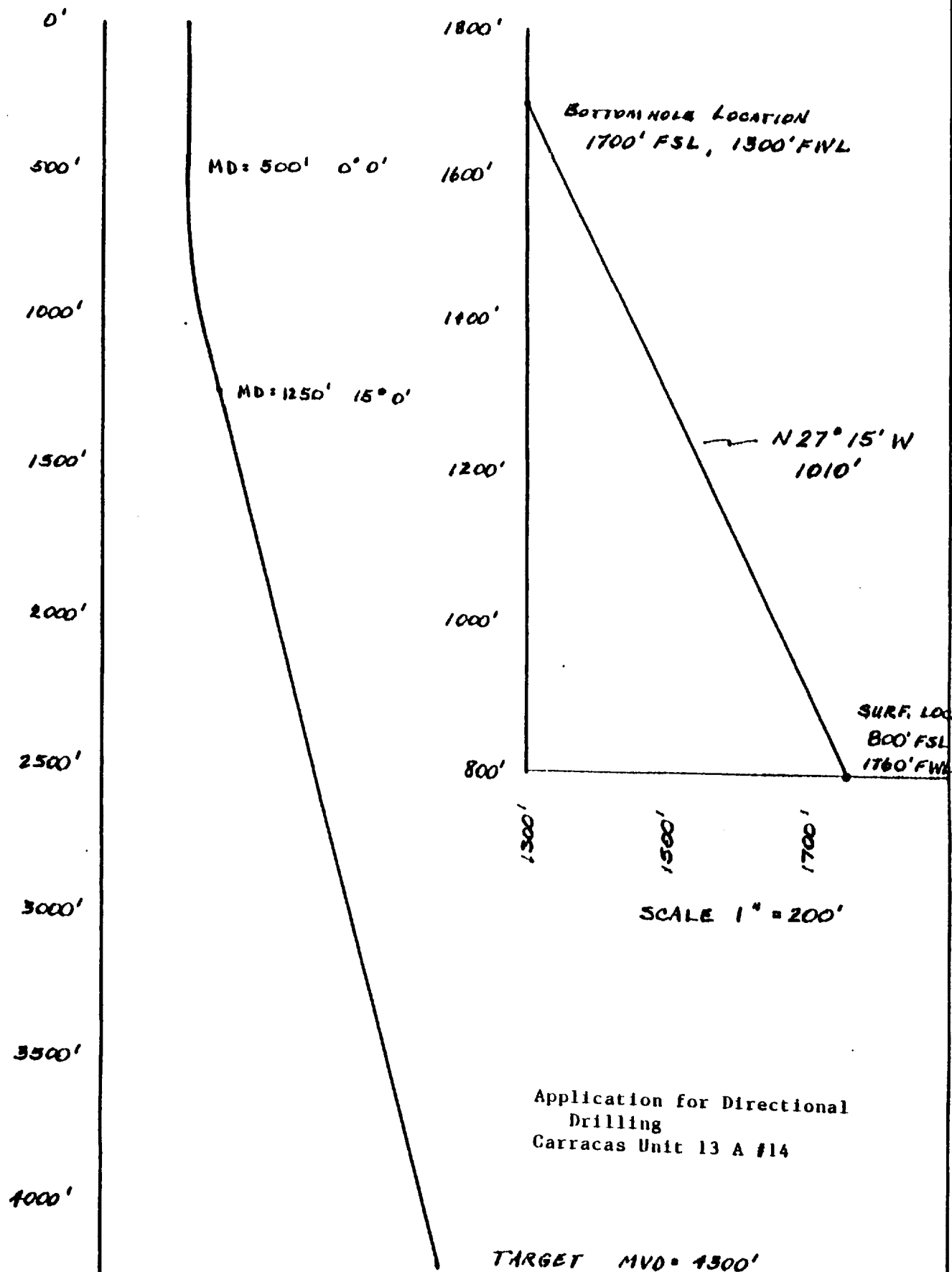
NASSAU RESOURCES, INC.

WELL 13A-14

800' FSL, 1760' FWL SEC. 13

T 32N, R 05W

RIO ARRIBA Co., NM





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

August 23, 1989

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

Attention: Fran Perrin

Administrative Order DD-28

Dear Ms. Perrin:

Under the provisions of General Rule 111 (c), (d) and (e), Nassau Resources, Inc. made application to the New Mexico Oil Conservation Division on July 26, 1989, for authorization to directionally drill its proposed Carracas Unit 13-A Well No. 14, Rio Arriba County, New Mexico.

The Division Director Finds That:

- (1) The application has been duly filed under the provisions of Rule 11 (d) and (e) of the Division General Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in General Rule 111 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Nassau Resources, Inc., is hereby authorized to directionally drill its Carracas Unit 13-A Well No. 14, the surface location of which shall be 800 feet from the South line and 1760 feet from the West line (Unit N) of Section 13, Township 32 North, Range 5 West, Rio Arriba County, New Mexico, by kicking off from the vertical at a depth of approximately 500 feet, and drilling in such a manner as to bottom in the Basin-Fruitland Coal Gas Pool within a 50 feet radius of a point 1700 feet from the South line and 1300 feet from the West line (Unit L) of Section 13, being a standard coal gas well location for said pool.

Jerome P. McHugh
Farmington, N.M.

AUG 28 1989

NASSAU RESOURCES, INC.
Carracas Unit 13 A #14

PROVIDED HOWEVER THAT: prior to directional drilling, the operator shall determine the subsurface location of the kick-off point; and

PROVIDED FURTHER THAT: subsequent to the above-described directional drilling, should said well be a producer, a continuous multi-shot directional survey shall be made of the wellbore from total depth to kick-off point with shot points not more than 100 feet apart; the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe office of the Division, 310 Old Santa Fe Trail, Room 206, Santa Fe, New Mexico 87503, and the operator shall notify the Division's Aztec District Office of the date and time said survey is to be commenced.

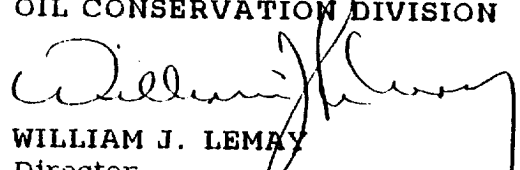
(2) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(3) The W/2 of said Section 13 shall be dedicated to the well forming a standard 320-acre spacing and proration unit for said pool.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

cc: Oil Conservation Division - Aztec
US Bureau of Land Management - Farmington
US Forest Service - Blanco
NM Oil and Gas Engineering Committee - Hobbs