



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

March 17, 1993

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

NASSAU RESOURCES, INC.  
c/o JEROME P. McHUGH & ASSOCIATES  
P. O. BOX 809  
FARMINGTON, NEW MEXICO 87499-0809

Attn: Fran Perrin  
Administrative Assistant

**Re:** Applications for unorthodox Pictured Cliffs gas well locations. Carracas Unit-PC "22-B" Well No. 14, "27-B" Well No. 8, "28-B" Well No. 7, and "35-B" Well No. 8 all in Township 32 North, Range 4 West, NMPM, Rio Arriba County, New Mexico.

Dear Ms. Perrin:

Reference is made to the four subject applications filed with the Division. In reviewing these applications one commonality is apparent that requires further explanation. Within the four Sections affected by these applications (Sections 22, 27, 28, and 35) there are two authorized Basin Fruitland Coal Gas wells, and in each instance the proposed Pictured Cliffs gas well, said interval being spaced on 160-acre units [see Division General Rule 104.B(2) and C(3)] is located within a quarter section that corresponds to the well location requirements for coal gas wells (see RULE 8 of the Special Rules and Regulations for the Basin Fruitland Coal Gas Pool, as promulgated by Division Order No. R-8768, as amended, which require coal gas wells on a standard 320-acre gas spacing and proration unit to be located in either the NE/4 or SW/4 of a section). However, when Nassau proposed to develop the coal gas reserves within their respective sections the Division was approached to grant unorthodox coal gas well locations in the opposite quarter sections (see Order No. R-8844 and Administrative Orders NSL-2690 and NSL-2691), because Nassau was unable "to locate and obtain U. S. Forest Service approval for a standard (coal gas) well location within the proposed (320-acre coal gas) spacing unit".

Now, however Nassau announces its plans to drill within those quarter sections that were originally off limits to coal gas wells. Please provide an explanation as to why these quarter sections are acceptable for drilling at this particular time, but were not available when the applicable coal gas wells were committed.

Sincerely;

A handwritten signature in black ink, appearing to read "Michael E. Stogner", with a long horizontal line extending to the right.

Michael E. Stogner  
Chief Hearing Examiner/Engineer

cc: Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
Philip R. Settles: U. S. Forest Service - Blanco, NM  
Case File No. 9559  
File: NSL-2690  
File: NSL-2691

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

GARREY CARRUTHERS  
GOVERNOR

June 2, 1989

POST OFFICE BOX 2068  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

Mr. Thomas Kellahin  
Kellahin, Kellahin & Aubrey  
Attorneys at Law  
Post Office Box 2265  
Santa Fe, New Mexico

Re: CASE NO. 9559  
ORDER NO. R-3844-A

Applicant:

Nassau Resources, Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Division order recently entered in the subject case.

Sincerely,

*Florene Davidson*

FLORENE DAVIDSON  
OC Staff Specialist

Copy of order also sent to:

Hobbs OCD ☒  
Artesia OCD ☒  
Aztec OCD ☒

Other \_\_\_\_\_  
\_\_\_\_\_

May 25, 1989

Michael Stogner  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

*Case No. 9559*  
*M.S.*

RE: Application for Unorthodox Location  
Nassau Resources, Inc., Carracas Unit 27 B #5  
Case No. 9559  
Order No. R-8844

Dear Mr. Stogner:

Pursuant to our phone conversation this date, the subject OCD Order No. R-8844 has the wrong footage for the CU 27 B #5 well. The well will be 800' from the west line instead of 1800'.

Attached are copies of the surveyor's plat and cover sheet for the APD, indicating the correct location as approved by the BLM.

Please let me know if anything more is required.

Sincerely,

*Fran Perrin*

Fran Perrin

Attachments

RECEIVED  
MAY 30 1989  
OIL CONSERVATION DIV.  
SANTA FE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN INDICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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

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

1740' FNL - 800' FWL

At proposed prod. zone

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

± 34 miles NE of Gobernador, N.M.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

800'

16. NO. OF ACRES IN LEASE

1,920.0

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 miles

19. PROPOSED DEPTH

3945'

20. ROTARY OR CABLE TOOLS

Rotary

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

7240' GL; 7247' KB

22. APPROX. DATE WORK WILL START\*

9/88

23.

PROPOSED CASING AND CEMENTING PROGRAM

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	
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 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.

Jerome P. McHugh  
Farmington, N.M.

MAY 16 1989

GAS IS NOT DEDICATED.

RECEIVED

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 James S. Hazen

TITLE Field Supt.

DATE 8/17/88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

MAY 16 1989  
  
AREA MANAGER

OPERATOR  
\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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

Operator Nassau Resources, Inc.		Lease Carracas Unit 27 B		Well No. 5
Unit Letter E	Section 27	Township 32 North	Range 4 West	County Rio Arriba
Actual Footage Location of Well				
1740	feet from the	North	line and	800
				feet from the
				West
				line
Ground Level Elev. 7240	Producing Formation Fruitland	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 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.

NM 59696 Amoco Production Co. 100%	
1740'	
800'	
SECTION 27	
RECEIVED BLS MAIL ROOM 69 FEB -1 AM 9:21 FARMINGTON RESOURCES, INC. FARMINGTON, NEW MEXICO	

## 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

1/31/89

I hereby certify that the location shown on this map was a field note of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

Date Surveyed

August 4, 1988

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

File

Form approved  
Budget Bureau No. 1004-1.3  
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL

NM 59696

IF INDIAN, ALLOTTEE OR TRIBE NAME

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  
1740' FNL - 800' FWL

7. UNIT AGREEMENT NAME

Carracas Unit

8. FARM OR LEASE NAME

Carracas Unit 27 B

9. WELL NO.

#5

10. FIELD AND POOL OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR B.L. AND  
SURVEY OR AREA

Sec. 27, T32N, R4W, NMPM

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

14. PERMIT NO

15. ELEVATIONS (Show whether DE, RT, GR, etc.)

7240' GL

16

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANT

(Other)

Change Dedicated Acreage/Update Pool Name

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

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.)\*

Per NMOCD Order #R-8768, the N/2 of Sec. 27, T32N, R4W, is hereby dedicated to this well.

A C-102 plat for the Fruitland Coal formation is attached.

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

SIGNED

Fran Perrin

TITLE

Admin. Asst.

DATE

1/31/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

January 12, 1939

POST OFFICE BOX 2038  
STATE LAND OFFICE BUILDING  
SANTA FE NEW MEXICO 87501  
(505) 827-5900

Mr. Thomas Kellahin  
Kellahin, Kellahin & Aubrey  
Attorneys at Law  
Post Office Box 2265  
Santa Fe, New Mexico

Re: CASE NO. 9559  
ORDER NO. R-8844

Applicant:  
Nassau Resources, Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Division order recently entered in the subject case.

Sincerely,

*Florene Davidson*

FLORENE DAVIDSON  
OC Staff Specialist

Copy of order also sent to:

Hobbs OCD x  
Artesia OCD x  
Aztec OCD x

Other \_\_\_\_\_  
\_\_\_\_\_



KELLAHIN, KELLAHIN AND AUBREY

*Attorneys at Law*

El Patio - 117 North Guadalupe

Post Office Box 2265

Santa Fe, New Mexico 87504-2265

Telephone 982-4285

Area Code 505

W. Thomas Kellahin

Karen Aubrey

Jason Kellahin

Of Counsel

January 5, 1989

Mr. Michael E. Stogner  
Oil Conservation Division  
310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

Re: Nassau Resources  
Carracas Canyon Unit  
NMOCD Case 9559

Dear Mr. Stogner:

In accordance with your request at the hearing of the referenced case held on December 21, 1988, please find enclosed suggested findings for the Order.

Please call me if you desire additional proposed findings.

Very truly yours,

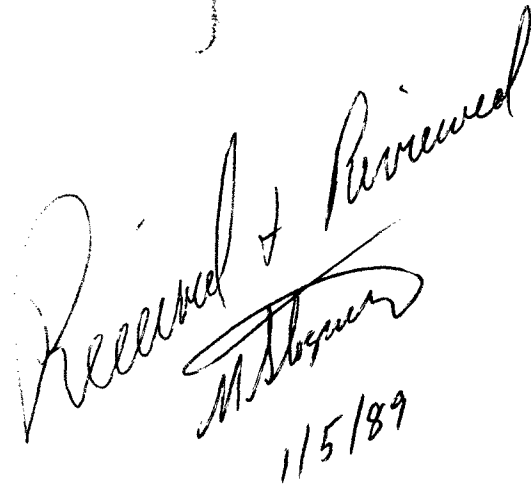


W. Thomas Kellahin

WTK/dm

Encl.

cc: Kent Craig



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

IN THE MATTER OF THE  
APPLICATION OF NASSAU RESOURCES, INC.  
FOR 19 UNORTHODOX COAL GAS WELL  
LOCATION, RIO ARriba COUNTY, NEW MEXICO

CASE 9559  
ORDER NO. R-

NASSAU RESOURCES INC. PROPOSED  
ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on December 21, 1988 at Santa Fe, New Mexico, before Examiner Michael L. Stogner.

NOW, on this \_\_\_\_\_ day of January, 1989, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) On October 17, 1988, the Division entered Order R-8768 which adopted Special Rules for the Basin-Fruitland Coal Gas Pool including Rule 7 which provides in part that the first well drilled in a 320 acre spacing units shall be located in either the NE/4 or SW/4 of a governmental quarter section and that it be located no closer than 790 feet to the outer boundary of the spacing unit.

(3) Prior to the adoption of the rules for this pool, the applicant, Nassau Resources, Inc., formed the Carracas Canyon Unit which consists of 97.7 percent Federal acreage and proposed the development of the unit for Fruitland coal gas production including the location of wells.

(4) Some nineteen of those wells as set forth on Exhibit A are now at unorthodox well locations as a result of

the adoption of Order R-8768. The preliminary drilling in the unit area has provided sufficient information to reasonably conclude that a substantial portion of the unit can be developed for Basin Fruit Coal Gas production.

(5) The Carracas Canyon Unit in Rio Arriba County, New Mexico lies almost entirely within the Carson National Forest with all surface use including location of these wells subject to the jurisdiction of the United States Forest Service ~~and including~~ <sup>and to</sup> the Carson National Forest Land and Resource Management Plan.

(6) Included among the surface use restrictions for well locations and roads and pipelines to access these wells within the Carracas Canyon Unit were topographical restrictions concerning soil conservation, steepness of slope, limitation on grade for roads, forest preservation, ~~and~~ wildlife habitat management, and ~~archeological/artifact~~ <sup>historical</sup> preservation.

(7) The applicant with due diligence has attempted in each section of the unit to locate two wells at locations which would conform to standard well locations under the current Rule 7 of Order R-8768. ~~The~~ <sup>Said</sup> U.S. Forest Service ~~Management~~ <sup>Management</sup> of future use of the Carracas Canyon area surfaces involves maximizing the use of existing roads and minimizing construction of new roads.

*Plan in the Carson National Forest requires that*

(8) For each spacing unit for the proposed nineteen unorthodox coal gas well locations, the applicant has been unable to locate and obtain U.S. Forest Service approval for a standard well location within that proposed spacing unit.

(9) For each of the nineteen unorthodox well locations, the U.S. Forest Service has determined that each location is either approved or approvable and that no alternative standard location can be approved. In some instances while a surface location may be possible at a standard well location, there is no acceptable location for the necessary roads and pipeline rights of way to access the well locations.

(10) While the proposed nineteen wells are off pattern locations under the Special Rules for the Basin Coal Gas Pool, they will provide for an orderly development of the unit on 320 acre spacing patterns.

*11) In each instance the adjoining spacing unit towards which the subject unorthodox well encroaches has a drillable location at a standard well location.*

*MMMM* (12) In each instance the adjoining spacing unit towards which the subject well is unorthodox, can potentially be developed and therefore will not be exposed to uncompensated drainage.

(13) No interest owner in the Unit nor any interested party adjoining the unit appeared and objected to this Application.

(14) Approval of this Application will allow the applicant and the United States Forest Service to implement an orderly plan for exploration and development which is consistent with oil and gas conservation and will not adversely impact environmental concerns.

(15) Approval of this Application will result in prevention of waste, the protection of correlative rights and will avoid the drilling of unnecessary wells.

IT IS THEREFORE ORDERED

Carracas 2A-#11	- All Sec. 2-T31N-R5W (Unit K) - Off Pattern
2200' FWL	2000' FSL
Carracas 14A-#4	- N/2 Sec. 14-T32N-R5W (Unit D) - Off Pattern
790' FNL	790' FWL
Carracas 15A-#16	- S/2 Sec. 15-T32N-R5W (Unit P) - Off Pattern & Unorthodox
200' FSL	500' FEL
Carracas 17B-#15	- E/2 Sec. 17-T32N-R4W (Unit O) - Off Pattern & Unorthodox
650' FSL	2070' FEL
Carracas 19B-#4	- W/2 Sec. 19-T32N-R4W (Unit D) - Off Pattern
1170' FNL	830' FWL
Carracas 21A-#15	- E/2 Sec. 21-T32N-R5W (Unit O) - Off Pattern
790' FSL	1850' FEL
Carracas 21B-#5	- N/2 Sec. 21-T32N-R4W (Unit E) - Off Pattern
1655' FNL	1185' FWL
Carracas 22A-#16	- E/2 Sec. 22-T32N-R5W (Unit P) - Off Pattern
790' FSL	790' FEL
Carracas 25A-#16	- E/2 Sec. 25-T32N-R5W (Unit P) - Off Pattern & Unorthodox
640' FSL	710' FEL
Carracas 25B-#15	- E/2 Sec. 25-T32N-R4W (Unit O) - Off Pattern & Unorthodox
640' FSL	1500' FEL
Carracas 26B-#16	- E/2 Sec. 26-T32N-R4W (Unit P) - Off Pattern
790' FSL	790' FEL
Carracas 27B-#5	- N/2 Sec. 27-T32N-R4W (Unit E) - Off Pattern
1740' FNL	1800' FWL
Carracas 30B-#16	- S/2 Sec. 30-T32N-R4W (Unit P) - Off Pattern
1100' FSL	790' FEL
Carracas 31B-#5	- W/2 Sec. 31-T32N-R4W (Unit E) - Off Pattern
1770' FNL	830' FWL
Carracas 32B-#5	- N/2 Sec. 32-T32N-R4W (Unit E) - Off Pattern
1630' FNL	790' FWL
Carracas 33B-#4	- W/2 Sec. 33-T32N-R4W (Unit D) - Off Pattern
1160' FNL	1060' FWL

Carracas 33B-#16 - E/2 Sec. 33-T32N-R4W (Unit P) - Off Pattern  
790' FSL 1950' FEL

Carracas 35B-#9 - E/2 Sec. 35-T32N-R4W (Unit I) - Off Pattern  
1850' FSL 790' FEL

Carracas 36A-#5 - W/2 Sec. 36-T32N-R5W (Unit E) - Off Pattern  
1450' FNL 910' FWL

Carracas 36B-#15 - E/2 Sec. 36-T32N-R4W (Unit O) - Off Pattern  
1190' FSL 1850' FEL

Carracas 2A-#11 - All Sec. 2-T31N-R5W (Unit K) - Off Pattern  
 2200' FWL 2000' FSL

Carracas 14A-#4 - N/2 Sec. 14-T32N-R5W (Unit D) - Off Pattern  
 790' FNL 790' FWL

Carracas 15A-#16 - S/2 Sec. 15-T32N-R5W (Unit P) - Off Pattern &  
 200' FSL 500' FEL Unorthodox

Carracas 17B-#15 - E/2 Sec. 17-T32N-R4W (Unit O) - Off Pattern &  
 650' FSL 2070' FEL Unorthodox

Carracas 19B-#4 - W/2 Sec. 19-T32N-R4W (Unit D) - Off Pattern  
 1170' FNL 830' FWL

Carracas 21A-#15 - E/2 Sec. 21-T32N-R5W (Unit O) - Off Pattern  
 790' FSL 1850' FEL

Carracas 21B-#5 - N/2 Sec. 21-T32N-R4W (Unit E) - Off Pattern  
 1655' FNL 1185' FWL

Carracas 22A-#16 - E/2 Sec. 22-T32N-R5W (Unit P) - Off Pattern  
 790' FSL 790' FEL

Carracas 25A-#16 - E/2 Sec. 25-T32N-R5W (Unit P) - Off Pattern &  
 640' FSL 710' FEL Unorthodox

Carracas 25B-#15 - E/2 Sec. 25-T32N-R4W (Unit O) - Off Pattern &  
 640' FSL 1500' FEL Unorthodox

Carracas 26B-#16 - E/2 Sec. 26-T32N-R4W (Unit P) - Off Pattern  
 790' FSL 790' FEL

Carracas 27B-#5 - N/2 Sec. 27-T32N-R4W (Unit E) - Off Pattern  
 1740' FNL 1800' FWL

Carracas 30B-#16 - S/2 Sec. 30-T32N-R4W (Unit P) - Off Pattern  
 1100' FSL 790' FEL

Carracas 31B-#5 - W/2 Sec. 31-T32N-R4W (Unit E) - Off Pattern  
 1770' FNL 830' FWL

Carracas 32B-#5 - N/2 Sec. 32-T32N-R4W (Unit E) - Off Pattern  
 1630' FNL 790' FWL

Carracas 33B-#4 - W/2 Sec. 33-T32N-R4W (Unit D) - Off Pattern  
 1160' FNL 1060' FWL

Carracas 33B-#16 - E/2 Sec. 33-T32N-R4W (Unit P) - Off Pattern  
790' FSL 1950' FEL

Carracas 35B-#9 - E/2 Sec. 35-T32N-R4W (Unit I) - Off Pattern  
1850' FSL 790' FEL

Carracas 36A-#5 - W/2 Sec. 36-T32N-R5W (Unit E) - Off Pattern  
1450' FNL 910' FWL

Carracas 36B-#15 - E/2 Sec. 36-T32N-R4W (Unit O) - Off Pattern  
1190' FSL 1850' FEL



*Rec. 10000*

Carracas 2A-#11 - All Sec. 2-T31N-R5W (Unit K) - Off Pattern  
2200' FWL 2000' FSL

■ Carracas 14A-#4 - N/2 Sec. 14-T32N-R5W (Unit D) - Off Pattern  
790' FNL 790' FWL

■ Carracas 15A-#16 - S/2 Sec. 15-T32N-R5W (Unit P) - Off Pattern &  
200' FSL 500' FEL Unorthodox

■ Carracas 17B-#15 - E/2 Sec. 17-T32N-R4W (Unit O) - Off Pattern &  
650' FSL 2070' FEL Unorthodox

■ Carracas 19B-#4 - W/2 Sec. 19-T32N-R4W (Unit D) - Off Pattern  
1170' FNL 830' FWL

Carracas 21A-#15 - F/2 Sec. 21-T32N-R5W (Unit O) - Off Pattern  
790' FSL 1850' FEL

Carracas 21B-#5 - N/2 Sec. 21-T32N-R4W (Unit E) - Off Pattern  
1655' FNL 1185' FWL

Carracas 22A-#16 - E/2 Sec. 22-T32N-R5W (Unit P) - Off Pattern  
790' FSL 790' FEL

Carracas 25A-#16 - E/2 Sec. 25-T32N-R5W (Unit P) - Off Pattern &  
640' FSL 710' FEL Unorthodox

Carracas 25B-#15 - E/2 Sec. 25-T32N-R4W (Unit O) - Off Pattern &  
640' FSL 1500' FEL Unorthodox

Carracas 26B-#16 - E/2 Sec. 26-T32N-R4W (Unit P) - Off Pattern  
790' FSL 790' FEL

Carracas 27B-#5 - N/2 Sec. 27-T32N-R4W (Unit E) - Off Pattern  
1740' FNL 1800' FWL

Carracas 30B-#16 - S/2 Sec. 30-T32N-R4W (Unit P) - Off Pattern  
1100' FSL 790' FEL

Carracas 31B-#5 - W/2 Sec. 31-T32N-R4W (Unit E) - Off Pattern  
1770' FNL 830' FWL

Carracas 32B-#5 - N/2 Sec. 32-T32N-R4W (Unit E) - Off Pattern  
1630' FNL 790' FWL

Carracas 33B-#4 - W/2 Sec. 33-T32N-R4W (Unit D) - Off Pattern  
1160' FNL 1060' FWL

Carracas 33B-#16 - E/2 Sec. 33-T32N-R4W (Unit P) - Off Pattern  
790' FSL 1950' FEL

Carracas 35B-#9 - E/2 Sec. 35-T32N-R4W (Unit I) - Off Pattern  
1850' FSL 790' FEL

Carracas 36A-#5 - W/2 Sec. 36-T32N-R5W (Unit E) - Off Pattern  
1450' FNL 910' FWL

Carracas 36B-#15 - E/2 Sec. 36-T32N-R4W (Unit O) - Off Pattern  
1190' FSL 1850' FEL

December 22, 1988

Ernie Busch  
New Mexico Oil Conservation Division  
1000 Rio Brazos Rd.  
Aztec, N. M. 87410

Dear Ernie:

Pursuant to our recent phone conversation regarding New Mexico Oil Conservation Division Order #R-8768, following is a list of ~~Nassau Resources~~ Basin Fruitland Coal wells in the Carracas Unit for which we had an approved Application to Drill prior to November 1, 1988, and which are now considered to be non-standard locations since they are either in the northwest or southeast quarters. It is our understanding that these wells are "grandfathered" and therefore, can still be drilled as permitted, if not already drilled.

Carracas Unit 13 A #15	Drilled
Carracas Unit 16 B #6	
Carracas Unit 18 B #15	(Non-standard location Approved by Oil Conservation Division on Oct. 26, 1988)
Carracas Unit 20 B #3	Drilled
Carracas Unit 24 A #4	Drilled
Carracas Unit 34 A #5	Drilled

Respectfully submitted,

*Fran Perrin*

Fran Perrin

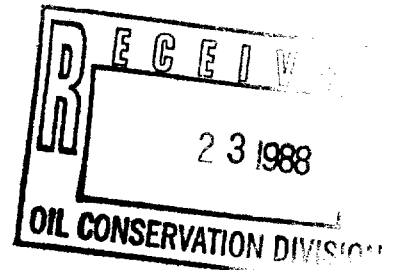
✓ cc: Michael Stogner



David L. Wacker  
Division Manager  
Production Department  
Hobbs Division  
North American Production

Conoco Inc.  
P.O. Box 460  
726 East Michigan  
Hobbs, NM 88240  
(505) 397-5800

December 21, 1988



Mr. Michael Stogner  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87503

Dear Mr. Stogner:

Conoco Inc. received notice of force pooling on the following wells:

Howell C Com No. 301  
Riddle A Com No. 260  
Woodriver Com No. 300  
Lindsey Com No. 250  
Riddle E Com No. 250  
Turner B Com A No. 200  
Howell G Com No. 300  
Sunray G No. 251  
Atlantic D Com No. 201

As of December 21, 1988, the AFEs for the above nine wells have been approved and returned to Meridian Oil Company.

Yours very truly,

David L. Wacker  
Division Manager

CAM:dw

Unocal Oil & Gas Division  
Unocal Corporation  
900 Werner Court, P.O. Box 2620  
Casper, Wyoming 82602-2620  
Telephone (307) 234-1563



December 8, 1988

New Mexico Oil Conservation  
Commission  
310 Old Santa Fe Trail Room 206  
Santa Fe, NM 87503

Attention: Mike Stogner

Re: Application for Unorthodox  
Location

Nassau Resources, Inc.  
Carracas Unit 25 B #15  
6450' FSL & 1500' FEL  
Sec. 25, T32N, R4W, NMPM  
Rio Arriba County, New  
Mexico

Gentlemen:

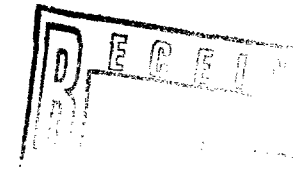
Union Oil Company of California has no objection to the  
unorthodox location of Carracas Unit 25 B #15 as described  
above.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Lon H. Pardue".

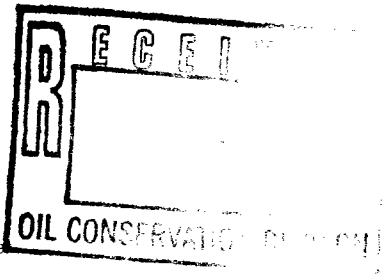
Lon H. Pardue  
District Operations Manager

jh





T. D. Autry  
Division Production Manager



**Amoco Production Company**

Southern Division  
1670 Broadway  
P.O. Box 800  
Denver, Colorado 80201  
303-830-4040

December 5, 1988

Oil Conservation Division  
310 Old Santa Fe Trail  
Room 206  
Santa Fe, NM 87503

Attn: Mike Stogner

File: KSD-27-WF

Application for Unorthodox Location  
Nassau Resources, Inc.  
Carracas Unit 25A #16  
Section 25-T32N-R5W  
Rio Arriba County, N.M.

In reference to the Nassau Resources, Inc. application dated November 22, 1988 for an unorthodox location in the subject well, Amoco Production Company has no objection to the proposed location.

If you have any questions please contact Jeff Spitler in Denver at (303) 830-4179.

*T. D. Autry KSD*

T. D. Autry

JLS/sc

012.JLS