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(9)

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

May 9, 1990

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

Attention: Gary J. Johnson

RECEIVED
MAY 11 1990
OIL CON. DIV.
DIST. 3

Administrative Order DD-35

Dear Mr. Johnson:

Under the provisions of General Rule 111 (c), (d) and (e), Nassau Resources, Inc. made application to the New Mexico Oil Conservation Division on April 2, 1990, for authorization to directionally drill its proposed Carracas Unit 15-A Well No. 16, 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.

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OIL COM. DIV.
DIST. 3

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Nassau Resources, Inc., is hereby authorized to directionally drill its Carracas Unit 15-A Well No. 16, the surface location of which shall be at a previously approved unorthodox coal gas well location (Division Order No. R-8844) 200 feet from the South line and 500 feet from the East line (Unit P) of Section 15, Township 32 North, Range 5 West, Rio Arriba County, New Mexico, by kicking off from the vertical at a depth of approximately 590 feet, and drilling in such a manner as to bottom in the Basin-Fruitland Coal Gas Pool within 100 feet of a point 1320 feet from the South and East lines of said Section 15.

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 directional survey shall be made of the wellbore from total depth to the kick-off point; the operator shall cause the surveying company to forward a copy of the survey report directly to both the Santa Fe Office and to the Aztec District Office of the Division

(2) The operator shall also notify the Division's Aztec District Office of the date and time said survey is to be commenced.

(3) 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.

(4) The S/2 of said Section 15 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

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



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

ARREY CARRUTHERS
GOVERNOR

1100 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

Date: 4-9-90

ATTN: ME STOGNER

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen: DD X

I have examined the application dated 4-2-90

for the NASSAU RESOURCES, INC. CARRACAS Unit 15A #16
Operator Lease & Well No.

P. 15-32N-5W and my recommendations are as follows:
Unit, S-T-R

Approved

Yours truly,

Ernie Basch

March 30, 1990

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

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APR 02 1990
OIL CON. DIV.]
DIST. 3

RE: Application for Administrative Approval of
Directional Drilling
Nassau Resources, Inc., Carracas Unit 15 A #16
Section 15, T32N, R5W, NMPM
Rio Arriba County, New Mexico

Dear Mr. Stogner:

Nassau Resources, Inc., hereby requests administrative approval to directionally drill the subject well as follows:

Proposed Surface Location:	200' FSL and 500' FEL
Proposed Bottom Hole Location:	1320' FSL and 1320' FEL (within a 100' radius)
True Vertical Depth:	Approx. 4000'
Measured Depth:	Approx. 4308'

The well is at a previously approved unorthodox location, (OCD Order *R-8844), approximately 880' west of the NRI Carracas Unit 14 A #13. Due to archeological and topographic considerations the well cannot be located at a location more to the north and west, which will be a more desirable target, geologically.

This well is in Nassau's Carracas Unit. The E/2 of Section 16, T32N, R5W, is unleased federal minerals. Kindermac Partners and Jerome P. McHugh are operating affiliates with Nassau Resources, Inc. Amoco Production Co., a party to the unit, has also been notified.

Also attached are copies of the C-102 plat, a topographic map (showing both the surface and bottom hole locations) and a schematic of the well bore.

Please withdraw Nassau's pending application for horizontal drilling. Please contact me immediately if anything further is required to complete this application.

Thank you,


Gary J. Johnson

xc: Ernie Busch, NMOCD
Amoco Production Co.
Jerome P. McHugh and
Kindermac Partners

Attachments

Main Office
Jerome P. McHugh & Associates
Operating Affiliate: Nassau Resources, Inc.
650 South Cherry, Suite 1225
Denver, Colorado 80222
(303) 321-2111

03413320

10/10/10

1000 1000 1000
1000

1000
1000
1000

Distances must be from the outer boundaries of the lease.

Operator Nassau Resources, Inc.		Lease Carracas Unit 15 A		Well No. 16
Unit Letter P	Section 15	Township 32 North	Range 5 West	County Rio Arriba
Actual Footage Location of Well 200 feet from the South line and 500 feet from the East line				
Ground Level Elev. 7220-7222	Producing Formation Fruitland	Pool Basin Fruitland Coal		Dedicated Acreage 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.

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DIST. 3

Nassau Resources, Inc.
Carracas Unit 15 A #16
Application for Directional
Drilling

SECTION 15

NH 29341
Anoco Production Co.

NH 30351
Kindermac Partners

CERTIFICATION

I hereby certify that the information furnished 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

I hereby certify that the information shown on this plat is true and complete to the best of my knowledge and belief, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

August 25, 1988

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risen

500

LEASE PLAT

Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico

UNLEASED 16 (22)	AMOCO PRODUCTION COMPANY 1-31-87 (6)	KINDERMAC PARTNERS 5-31-87 (13)	AMOCO PRODUCTION COMPANY 4-30-87 (9)
FEDERAL NM-29341	NM-29341	NM-30351	NM-29760
KINDERMAC PARTNERS 5-31-87 21 320.00 (13)	KINDERMAC PARTNERS 5-31-87 (13)	AMOCO PRODUCTION COMPANY 1-31-87 (6)	JEROME P. McHUGH 1-31-95 (19)
NM-30351	NM-30351	NM-29341	NM-59704

PARTY TO THE UNIT:
Amoco Production Co.

OPERATING AFFILIATES:
Jerome P. McHugh
Kindermac Partners

UNLEASED FEDERAL MINERALS:
T32N, R5W
Section 16: E/2

Nassau Resources, Inc.
Carracas Unit 15 A #16
Application for Directional
Drilling

0
500
1000
1500
1889
2000
TVD
2500
3000
3500
4000
4500

V. SECTION PLANE

PROPOSAL P00261.INZ

W:1320
N:1320

HD:588. 0°0' 494.97 SEC.

804

HD:1938. 27°0'

27°0'

1867

TARGET
HD:4308. 27°0'

W:684
N:452

W:58200
N:200

SCALE 1"=200FT.

Nassau Resources, Inc.
Carracas Unit 15 A #16
Application for Directional
Drilling

NASSAU RESOURCES

WELL: 15A - 16

RIO ARRIBA

SLOT: 4

SCALE 1"=500FT.