

Form 3160-3
(November 1983)
(formerly 9-331C)SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)30-045-27946
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985UNITED 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 ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 16470	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR NASSAU RESOURCES, INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P O Box 809, Farmington, N.M. 87499		8. FARM OR LEASE NAME Cowsaround 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1560' FSL - 1700' FWL At proposed prod. zone		9. WELL NO. #11	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 miles S SW of Bloomfield, N.M.		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1080'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA K Sec. 1, T26N, R12W, NMPM	
16. NO. OF ACRES IN LEASE 479.46		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL W/ 320.0		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 500'		19. PROPOSED DEPTH 1480'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 6-15-90	
22. ELEVATIONS (Show whether DE, RT, GR, etc.) 5980' GL		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	QUANTITY OF CEMENT
8-3/4"	7"	23#	120'	36 cu.ft. circ. to surf.
6-1/4"	4-1/2"	9.5#	1480'	231 cu.ft. circ. to surf.

Plan to drill with spud mud to set 120' of surface casing. Will then drill with water and gel-chem. mud to test the Fruitland coal zone at $\pm$ 1480'. Will run DIL-GR-SP and FDC-CNL-GR Caliper logs. If well appears productive, will set 4-1/2" casing at TD, cement in 1 stage, selectively perforate, frac, clean out after frac and complete with 2-3/8" tubing.

RECEIVED

JUN 29 1990

OIL CON. DIV
DIST. 3

"Approval of this action does
not warrant that the applicant
holds a legal or equitable right
or title to this lease."

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.

SIGNED Fran Perrin TITLE Admin. Asst. DATE 5-22-90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

JUN 27 1990
Ken Townsend
FOR AREA MANAGER

Hold C-104 FOR POOL CHANGE FOR MCHUGH
BEN GAL A & 2 well @ See Instructions On Reverse Side

18 USC, 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.

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 1-1-80

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 Cowsaround 1		Well No. 11
Unit Letter K	Section 1	Township 26 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1560 feet from the South line and 1700 feet from the West line					
Ground level Elev. 5980	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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation

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.

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DIST. 3

Section 1

NM 16470
Jerome P. McHugh
100%

1700'

1560'

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

5/22/90

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

May 1990

Signature

Professional Seal

Edgar L. Hoover

NEW MEXICO

5979

Edgar L. Hoover, P.S.



NASSAU RESOURCES, INC.
Cowsaround 1 #11
Exhibit F