

Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []

2. NAME OF OPERATOR NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR P O BOX 809, Farmington, N.M.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1770' FSL - 930' FWL At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* ±19 miles S SW of Bloomfield, N.M.

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 450'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1/4 mile

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6135' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8-3/4"	7"	23#	120'
6-1/4"	4-1/2"	9.5#	1285'

5. LEASE DESIGNATION AND SERIAL NO. NM 0557296-A

6. IS INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Cowsaround 27

9. WELL NO. #12

10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 27, T26N, R12W, NMPM

12. COUNTY OR PARISH San Juan

13. STATE N.M.

17. NO. OF ACRES ASSIGNED TO THIS WELL 320.0

20. ROTARY OR CABLE TOOLS Rotary

22. APPROX. DATE WORK WILL START 6-15-90

24. QUANTITY OF CEMENT 36 cu.ft. circ. to surf. 205 cu.ft. circ. to surf.

RECEIVED JUN 29 1990 OIL CON. DIST. 3

"Approval of this action does not warrant that the applicant holds legal or equitable rights 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 flow preventer program, if any.

24. SIGNED Fran Perrin (This space for Federal or State office use)

TITLE Admin. Asst.

DATE 5-21-90

APPROVED AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

TITLE

JUN 27 1990 Ken Townsend

FOR AREA MANAGER

Hold C-104 FOR CAT POOL #102 wells. See Instructions On Reverse Side

Title 18 U.S.C. 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 1-1-89

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

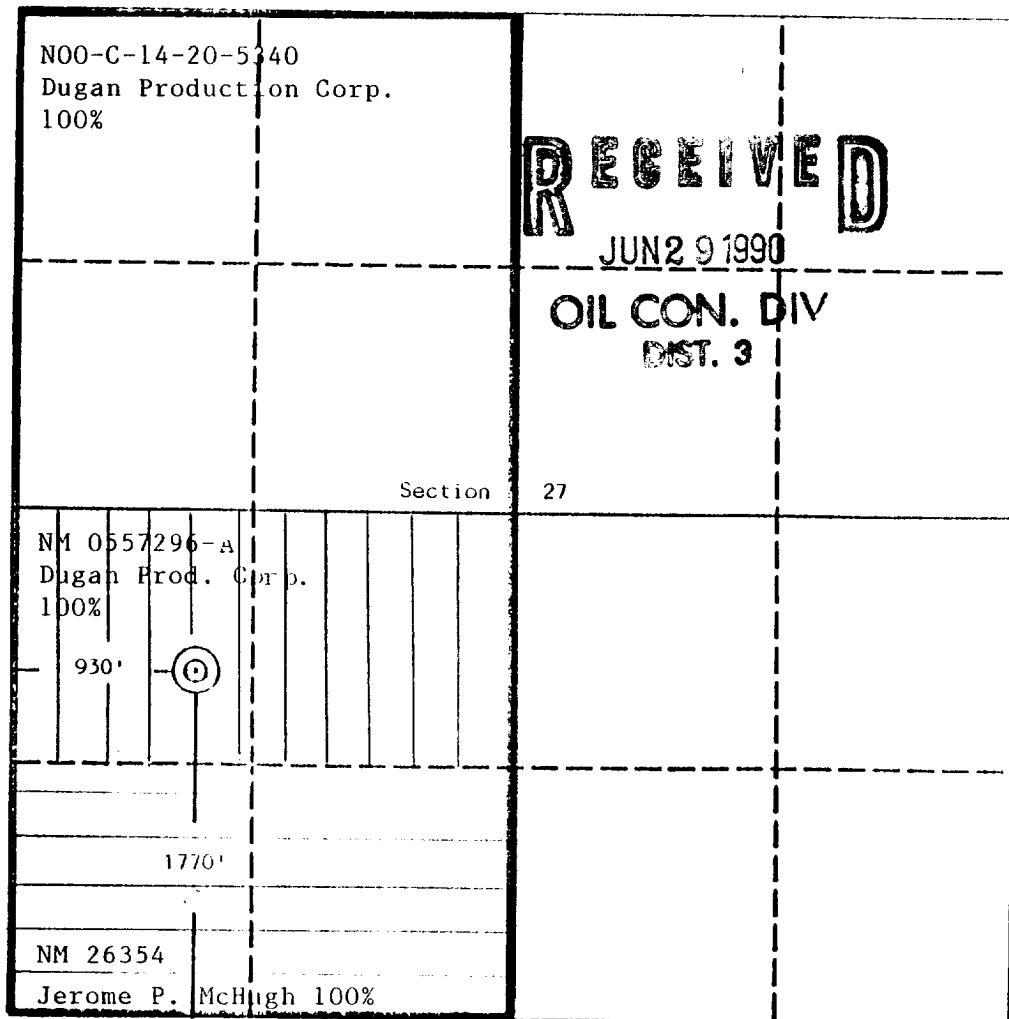
DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Nassau Resources, Inc.		Lease Cowsaround 27		Well No. 12
Unit Letter L	Section 27	Township 26 North	Range 12 West	County San Juan
Actual Footage Location of Well: 1770 feet from the South line and 930 feet from the West line				
Ground level Elev. 6135	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320.0 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Will be communitized
 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.



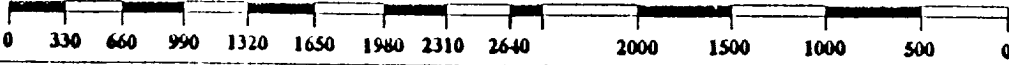
RECEIVED
 JUN 29 1990
 OIL CON. DIV
 DIST. 3

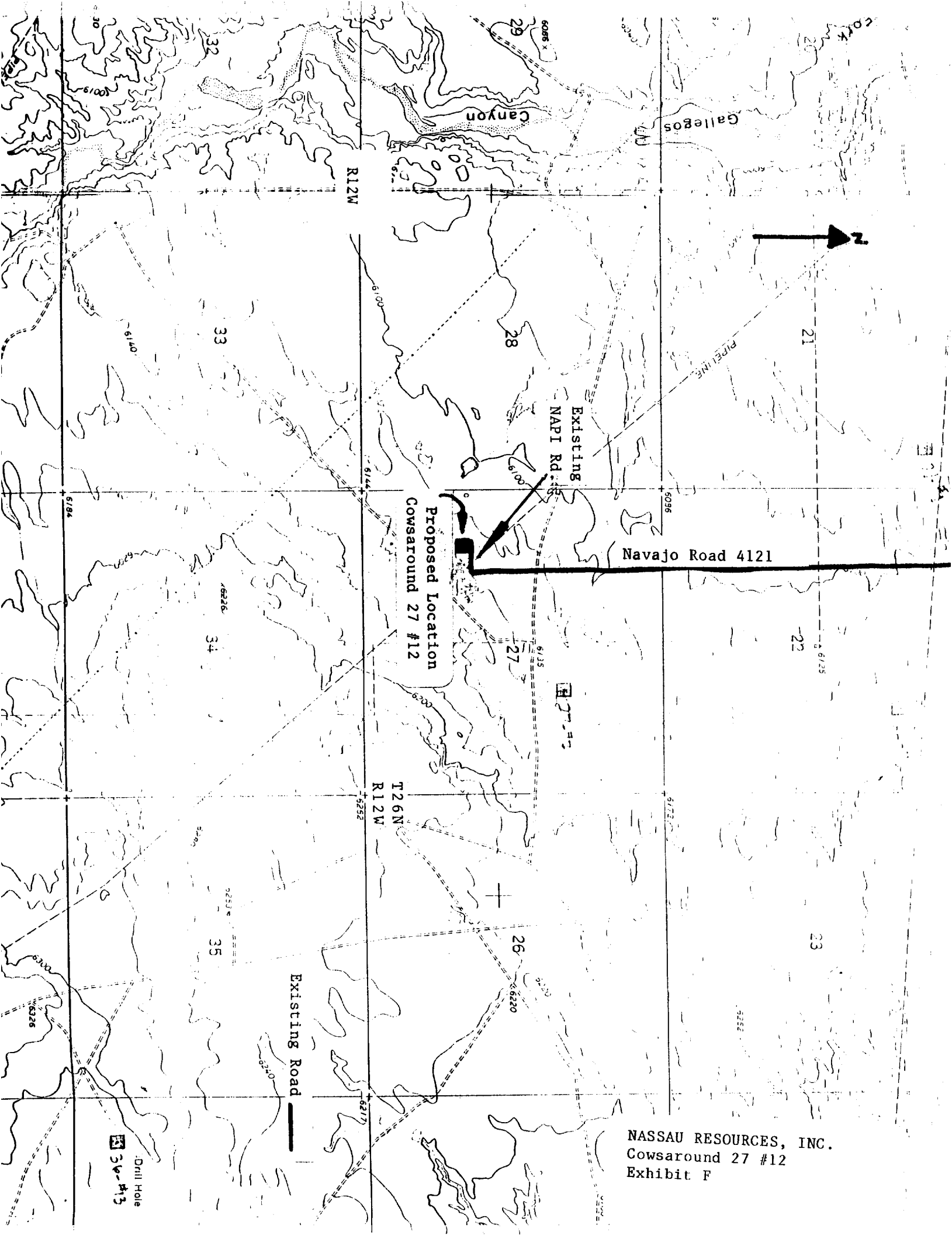
OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Fran Perrin*
 Printed Name: Fran Perrin
 Position: Admin. Asst.
 Company: Nassau Resources, Inc.
 Date: 5/21/90

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: March 13, 1990
 Signature: *Edgar Risenhoyer*
 Professional Surveyor
 Edges No. 5979
 Edges No. 5979
 Edges No. 5979

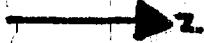




Gallegos

Canyon

R12W



21

28

33

Existing
NAPI Rd.

Navajo Road 4121

Proposed Location
Cowsaround 27 #12

22

27

34

T26N
R12W

23

26

35

Existing Road

NASSAU RESOURCES, INC.
Cowsaround 27 #12
Exhibit F

Drill Hole
34-#13