

UNITED 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 ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

NASSAU RESOURCES, INC. 15515

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

1160' FNL - 1480' FEL

At proposed prod. zone

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

± 19 miles S SW of Bloomfield, N.M.

15. DISTANCE FROM PROPOSED\*

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

1160'

16. NO. OF ACRES IN LEASE

640.0

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

E/ 320.0

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

1/2 mile

19. PROPOSED DEPTH

1430'

20. ROTARY OR CABLE TOOLS

Rotary

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

6166' GL

22. APPROX. DATE WORK WILL START\*

6-15-90

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#	1430'

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"  
QUANTITY OF CEMENT  
36 cu.ft. circ. to surf.  
225 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 ±1430'. 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

Gas is not dedicated.

OIL CON. DIV  
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 blowout preventer program, if any.

24.

SIGNED

Fran Perrin

TITLE Admin. Asst.

DATE 5-21-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

JUN 27 1990

Ken Townsend

FOR AREA MANAGER

HOLD C-104 FOR CA & POOL CHANGE ON  
THE MCHUGH CHACO PLANT #12  
See Instructions On Reverse Side

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 1940, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

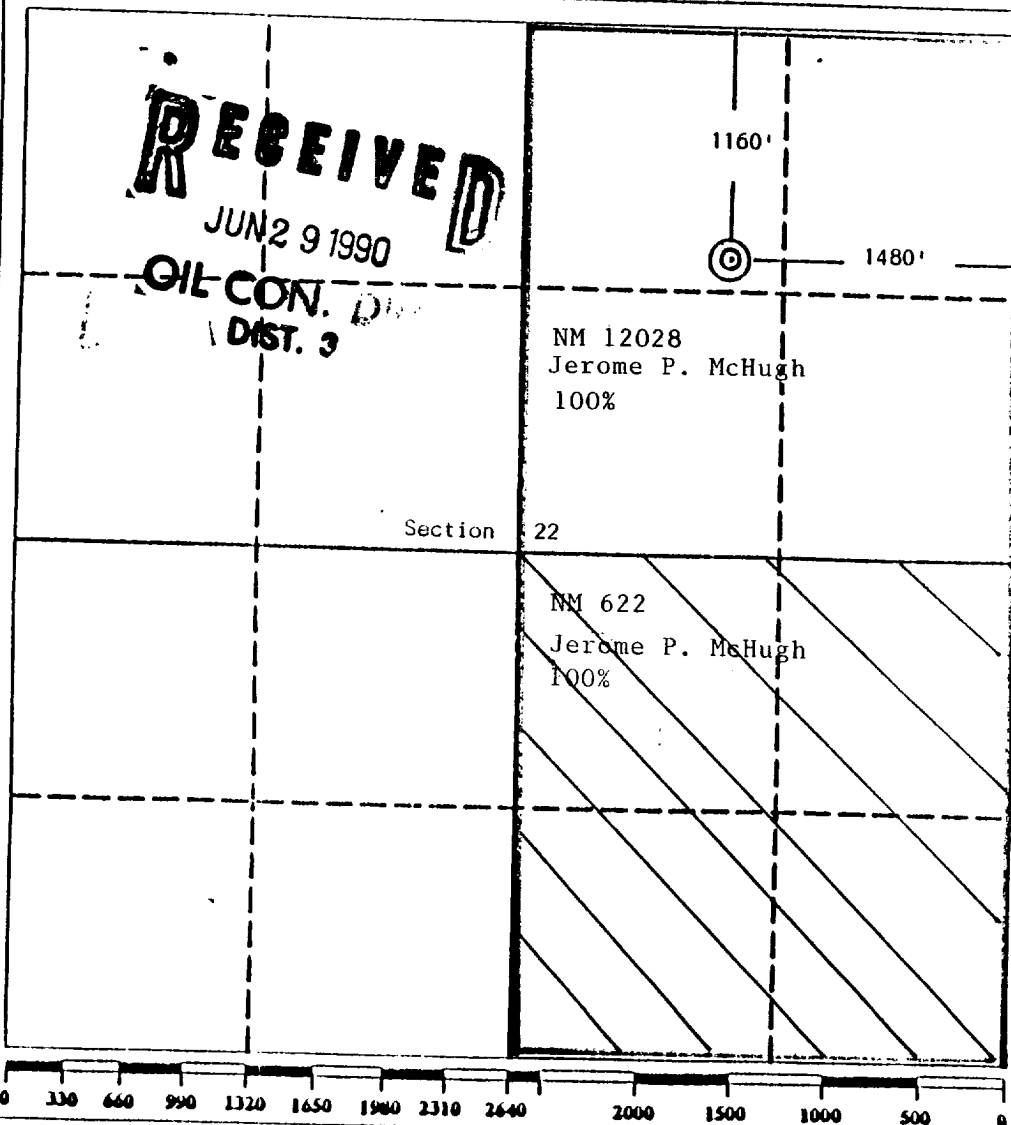
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Nassau Resources, Inc.			Lease Cowsaround 22		Well No. 2
Unit Letter B	Section 22	Township 26 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1160 feet from the North line and 1480 feet from the East line					
Ground level Elev. 6166	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.



OPERATOR CERTIFICATION

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

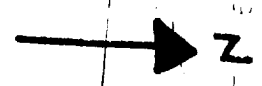
Signature Fran Perrin  
Printed Name Fran Perrin  
Position Admin. Asst.  
Company Nassau Resources, Inc.  
Date 5/23/90

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 7, 1990

Signature & Seal of Professional Surveyor  
EDGAR L. RISENHOVER  
NEW MEXICO  
5979  
Certificate No. 5979  
Edgar L. Risenhoover



Existing Rd. —  
Existing PL R-O-W  
to be upgraded - - -

Cowsaround 22 #2  
Proposed Location

San Juan Rd. 7125

San Juan Rd. 7100

NASSAU RESOURCES, INC.  
Cowsaround 22 #2  
Exhibit F

