

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.

3. ADDRESS OF OPERATOR

P.O. Box 809, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1000' FNL - 680' FEL

At proposed prod. zone

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

± 34 miles N. of Gobernador, NM

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 680'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1/2 mile

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

7380' GL; 7393' KB

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	300'	165 cu.ft. circ. to surface
8-3/4"	5-1/2"	15.5#	4275'	926 cu.ft. circ. to surface

Plan to drill with spud mud to set 300' surface casing. Will then drill with water and gel-chem. mud to test the Fruitland coal zone at ± 4275' TD. 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.

GAS IS NOT DEDICATED.

RECEIVED

OCT 11 1989

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present 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

8/16/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

OCT 05 1989

AREA MANAGER

*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

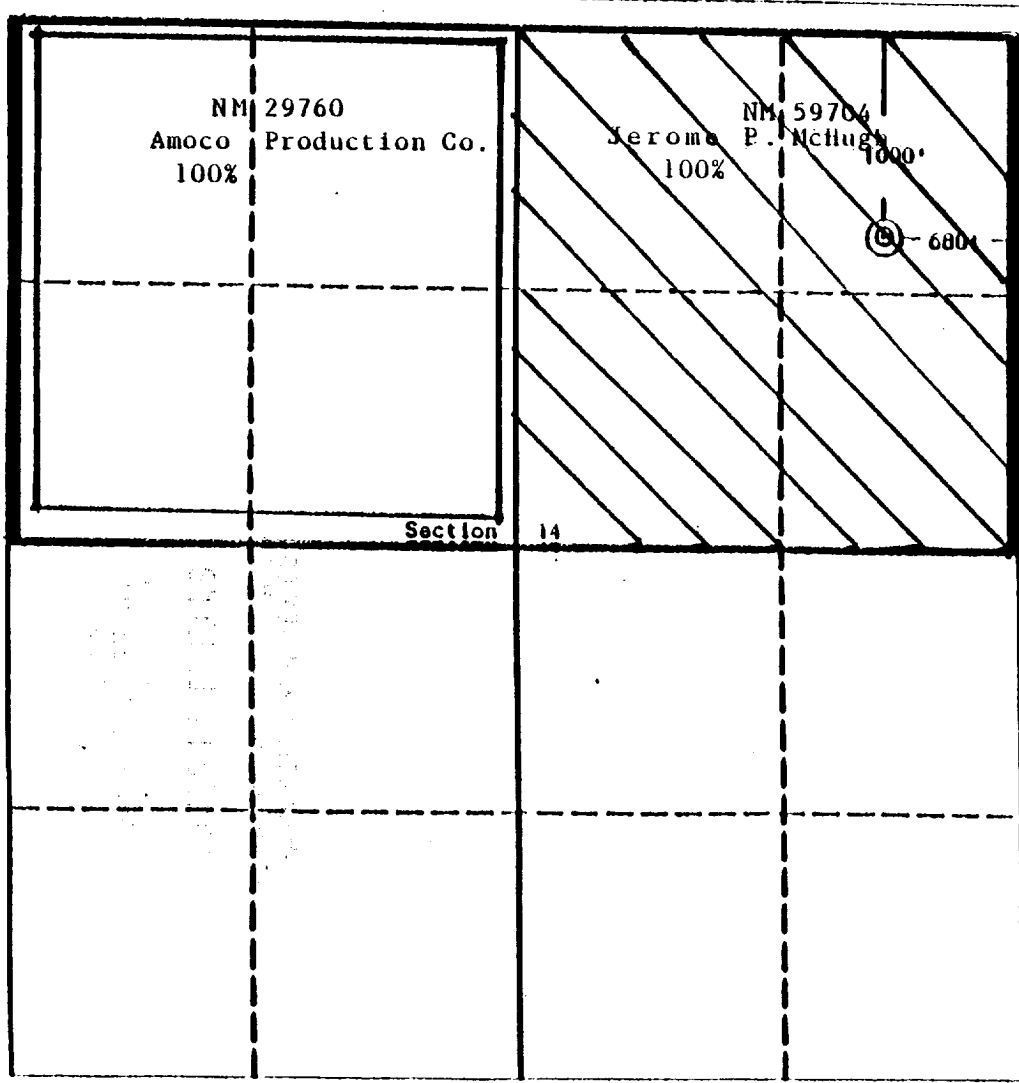
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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 Carracas Unit 14 A		Well No. 1
Unit Letter A	Section 14	Township 32 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well:					
1000 feet from the North line and		680 feet from the East line			
Ground level Elev. 7380	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 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.)
The 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

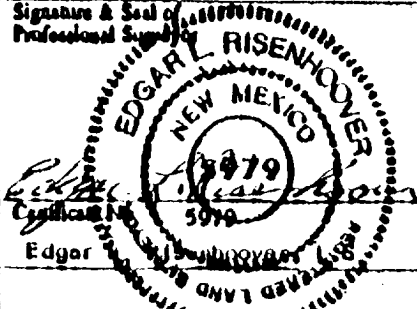
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature _____
Printed Name **James S. Hazen**
Position **Field Supt.**
Company **Nassau Resources, Inc.**
Date **8/16/89**

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 **August 3, 1989**

Signature & Seal of Professional Surveyor

Edgar

