

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐
b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. NAME OF OPERATOR
NASSAU RESOURCES, INC. *V15515*

3. ADDRESS AND TELEPHONE NO.
P O BOX 809, Farmington, N.M. 87499
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1791' FSL & 988' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11-1/2 miles SE of Arboles, CO.

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 988'
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2000'
16. NO. OF ACRES IN LEASE 1920.0
19. PROPOSED DEPTH 4340'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7195' GL; 7208' KB

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	9-5/8"	36#	250'
7-7/8"	5-1/2"	15.5#	4340'

5. LEASE DESIGNATION AND SERIAL NO.
NM 59696
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Carracas Unit
8. FARM OR LEASE NAME, WELL NO. 15693
Carracas Unit-PC 34 B #9
9. API WELL NO.
30-029-25466
10. FIELD AND POOL, OR WILDCAT
WES CARRACAS 96154
Undesignated Pictured Cliffs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
I
Sec. 34, T32N, R4W, NMPM
12. COUNTY OR PARISH 13. STATE
Rio Arriba NM

17. NO. OF ACRES ASSIGNED TO THIS WELL 160.0
20. ROTARY OR CABLE TOOLS
Rotary
22. APPROX. DATE WORK WILL START*
7/1/93

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
QUANTITY OF CEMENT
150 cu.ft. circ. to surf.
969 cu.ft. circ. to surf.

Plan to drill a non-directional well bore to test the Pictured Cliffs formation from the existing surface location of the Carracas Unit 34 B #9; which is drilled directionally and completed in the Fruitland Coal Formation at 1228' FSL & 2492' FWL, at the top producing interval.

Plan to drill with spud mud to set 250' of surface casing. Will then drill with water and gel-chem. mud to test the Pictured Cliffs formation at 4133'. Will run DIL-GR-SP and FDC-CNL-GR-Caliper logs. If well appears productive, will set 5-1/2" casing to TD, cement in 1 stage, selectively perforate, frac, clean out after frac and complete with 2-7/8" tubing.

GAS IS NOT DEDICATED.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Regulatory Liaison DATE 4/19/93
Fran Perrin
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
Application approval does not constitute a warranty of title or legal or equitable title to those rights in the subject lease which would entitle the applicant to the benefits thereon.
CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY *et al* OIL CON. DIV. DIST. 3 TITLE DATE
*See Instructions On Reverse Side
APPROVED AS AMENDED
SEP 19 1994
DISTRICT MANAGER

2000-2001-2002

2002

2000-2001-2002

2000-2001-2002

2000-2001-2002

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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. OGRID #015515			Lease Carracas Unit PC 34 B		Well No. 9
Unit Letter I	Section 34	Township 32 North	Range 4 West	County NMPM Rio Arriba	
Actual Footage Location of Well: 1791 feet from the South line and 988 feet from the East line					
Ground level Elev. 7195 Est.	Producing Formation Pictured Cliffs		Pool Wildcat:Carracas-Pictured Cliffs		Dedicated Acreage: 160.0 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.

RECEIVED
SEP 1 9 1994

OIL CON. DIV.
DIST. 3

Section 34

Existing Well

1800' F/SL

970' F/EL

988'

CJ 34B #9 Location at total depth
1215' FSL & 2335' FWL

Amoco Production Co.

25%

McHugh Companies

75%

1791'

NM 59696

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

Fran Perrin

Position

Regulatory Liaison

Company

Nassau Resources, Inc.

Date

3/4/94

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.

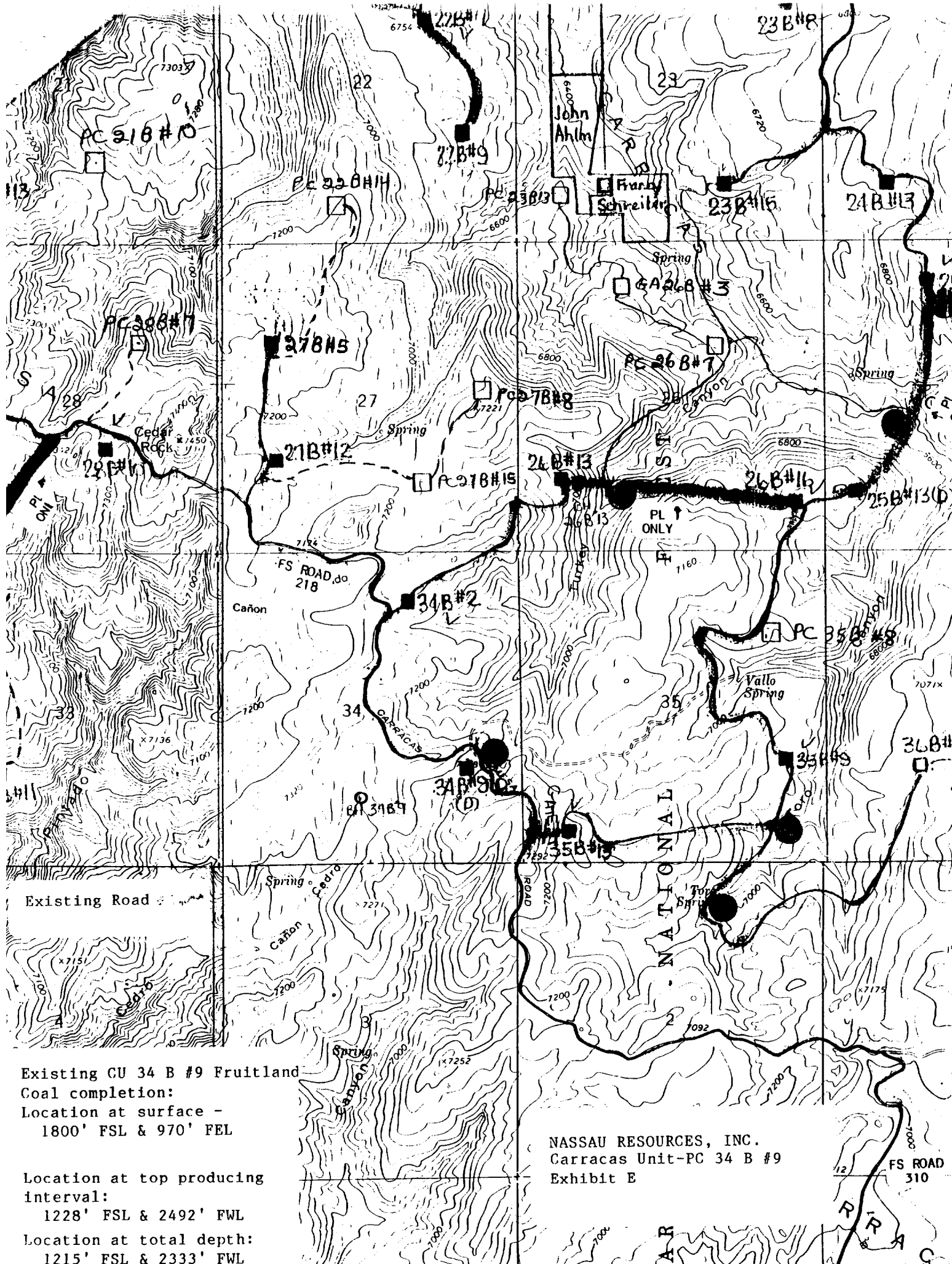
Date Surveyed

March 16, 1993

Signature & Seal
Professional Surveyor

EDGAR L. RISENHOOVER
NEW MEXICO
5979
Edgar L. Risenhoover
P.S.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



Existing CU 34 B #9 Fruitland
Coal completion:
Location at surface -
1800' FSL & 970' FEL

Location at top producing
interval:
1228' FSL & 2492' FWL
Location at total depth:
1215' FSL & 2333' FWL

NASSAU RESOURCES, INC.
Carracas Unit-PC 34 B #9
Exhibit E

FS ROAD
310