

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_  
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

P O BOX 809, Farmington, N.M. 87499

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

At surface

1160' FNL - 1060' FWL

At top prod. interval reported below

At total depth

RECEIVED  
JAN 09 1991

OIL CON. DIST. ?

14. PRODUCTION NO. API# 30-039-24416  
DATE ISSUED 5-1-89

5. LEASE DESIGNATION AND SERIAL NO.

NM 30014

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Carracas Unit

8. FARM OR LEASE NAME

Carracas Unit 33 B

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 33, T32N, R4W, NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 8-25-90 16. DATE T.D. REACHED 8-30-90 17. DATE COMPL. (Ready to prod.) 12-6-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7295' GL 19. ELEV. CASINGHEAD 7295' GL

20. TOTAL DEPTH, MD & TVD 4381' KB Casers' TD 21. PLUG, BACK T.D., MD & TVD 4294' KB 22. IF MULTIPLE COMPL., HOW MANY\* NA 23. INTERVALS DRILLED BY TD ROTARY TOOLS TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

4072' - 4168' KB Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS, Spectral density Dual Spaced Neutron, Dual Induction, GR Neutron Correlation

27. WAS WELL CORRED

NO

29. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD           | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|----------------------------|---------------|
| 9-5/8"      | 36#             | 308' KB        | 12-1/4"   | 227 cu.ft. circ. to surf.  | ---           |
| 5-1/2"      | 17#             | 4381' KB       | 8-3/4"    | 1475 cu.ft. circ. to surf. | ---           |
|             |                 |                |           | See reverse.               |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| NA   |          |             |               |             |

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-7/8" | 4179' KB       | ---             |

31. PERFORATION RECORD (Interval, size and number)

4072' - 4086' KB with 4 spf

4166' - 4168' KB with 4 spf

Total perfs 64. .05" diam. holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED  |
|---------------------|-----------------------------------|
| 4072-4168' KB       | 500 gal 15% HCL acid              |
|                     | 1841 bbls. of 35# YF x-link fluid |
|                     | 22,500# of 40/70 sand             |
|                     | 237,929# of 20/40 sand            |

33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| 12-5-90*              |                 | Flowing                                                              |                         |          |            | SI                                 |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 12-6-90               | 24              | 1.000"                                                               | →                       | ---      | 627        | 0                                  | --            |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 860 psi               | 1225 psi        | →                                                                    | ---                     | 627      | 0          | 0                                  |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented to be sold.

TEST WITNESSED BY

Elmer Perry

35. LIST OF ATTACHMENTS

\*1st hydrocarbons to well bore during completion operations.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Fran Perrin

OPERATOR

Admin. Asst.

ACCEPTED FOR RECORD

JAN 04 1991

DATE 12/6/90

FARMINGTON RESOURCE AREA

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                                                                                                                                            | NAME                                                                    | TOP                                                 |                  |
|-----------|-----|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------|------------------|
|           |     |        |                                                                                                                                                                                                                                                                                                                                                        |                                                                         | MEAS. DEPTH                                         | TRUE VERT. DEPTH |
|           |     |        | <p><u>Item #28</u></p> <p>Cemented 9-5/8" csg. as follows:<br/> 192 sk of Class "B" w/ 2% CaCl (227 cu.ft.)</p> <p>Cemented 5-1/2" csg. as follows:<br/> 510 sk of 65/35 poz w/ 12% gel, and 1/4#/sk flocele (1336 cu.ft.)<br/> 100 sk of 50/50 poz w/ 2% gel and 6-1/4#/sk gilsonite and 1/4#/sk flocele (139 cu.ft.)</p> <p>Total of 1475 cu.ft.</p> | <p>Ojo Alamo</p> <p>Kirtland</p> <p>Fruitland</p> <p>Fruitland Coal</p> | <p>3480'</p> <p>3610'</p> <p>3876'</p> <p>4072'</p> |                  |