

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

## OIL CONSERVATION DIVISION

Santa Fe, New Mexico 87504-2088

DEC 4 1990

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
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 API NO.

30-045-27697

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

VA-235

7. Lease Name or Unit Agreement Name

Cowsaround 16

8. Well No.

#11

9. Pool name or Wildcat

Basin Fruitland Coal

## WELL COMPLETION OR RECOMPLETION RECORD AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DUFF RESVR ☐ OTHER ☐

2. Name of Operator

NASSAU RESOURCES, INC.

3. Address of Operator

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

4. Well Location

Unit Letter K : 1980 Feet From The South Line and 2140 Feet From The West Line

Section 16 Township 26 North Range 12 West NMPM San Juan County

10. Date Spudded

6/12/90

11. Date T.D. Reached

6/15/90

12. Date Compl. (Ready to Prod.)

11/30/90

13. Elevations (DF &amp; RKB, RT, GR, etc.)

6021' GL

14. Elev. Casinghead

6021' GL

15. Total Depth

1275' GL

16. Plug Back T.D.

1208' GL

17. If Multiple Compl. How Many Zones?

NA

18. Intervals Drilled By

Rotary Tools TD

Cable Tools

NA

19. Producing Interval(s), of this completion - Top, Bottom, Name

968' - 1167' GL

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run Dual Induction Guard, Spectral Density Dual

22. Was Well Cored

NO

GR CCL, Spaced Neutron, Spectral Density Dual Spaced Neutron II

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE    | CEMENTING RECORD          | AMOUNT PULLED |
|-------------|---------------|-----------|--------------|---------------------------|---------------|
| 7"          | 23#           | 121' GL   | 9-1/2"       | 59 cu.ft. circ. to surf.  | ---           |
| 4-1/2"      | 9.5#          | 1256' GL  | 6-1/4"       | 262 cu.ft. circ. to surf. | ---           |
|             |               |           | See reverse. |                           |               |

24.

## LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
| NA   |     |        |              |        |

25. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2-3/8" | 1156' GL  | ---        |

26. Perforation record (interval, size, and number)

968' - 970'

1000' - 1002'

1148' - 1167'

0.50 diam. holes

2 spf

Total of 46 perfs.

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 968-1167' GL   | 1704 bbls. 40# gel & 20% CO2  |
|                | 75,000# of 20/40 sand         |
|                | 55,000# of 40/70 sand         |

28.

## PRODUCTION

|                                   |                            |                                                                                 |                           |                   |                    |                                      |                         |
|-----------------------------------|----------------------------|---------------------------------------------------------------------------------|---------------------------|-------------------|--------------------|--------------------------------------|-------------------------|
| Date First Production<br>12/1/90* |                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Swabbing |                           |                   |                    | Well Status (Prod. or Shut-in)<br>SI |                         |
| Date of Test<br>12/1/90           | Hours Tested<br>8          | Choke Size<br>0.250"                                                            | Prod'n For<br>Test Period | Oil - Bbl.<br>--- | Gas - MCF<br>16    | Water - Bbl.<br>8                    | Gas - Oil Ratio<br>---- |
| Flow Tubing Press.<br>3           | Casing Pressure<br>180 psi | Calculated 24-<br>Hour Rate                                                     | Oil - Bbl.<br>---         | Gas - MCF<br>48   | Water - Bbl.<br>24 | Oil Gravity - API - (Corr.)<br>----  |                         |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented; to be sold.

Test Witnessed By

Rudy Polanco

30. List Attachments

\*1st hydrocarbons to well bore.

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Fran Perrin

Printed

Name Fran Perrin

Title Admin. Asst.

Date 12/3/90

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                                      |                             |
|--------------------------|------------------------|--------------------------------------|-----------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo $\pm 44$ _____          | T. Penn. "B" _____          |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland 168/924* _____ | T. Penn. "C" _____          |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____             | T. Penn. "D" _____          |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____                 | T. Leadville _____          |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____                     | T. Madison _____            |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____               | T. Elbert _____             |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____                      | T. McCracken _____          |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____                      | T. Ignacio Otzte _____      |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____                 | T. Granite _____            |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____                      | T.*Fruitland Coal 964 _____ |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____                    | T. _____                    |
| T. Tubb _____            | T. Delaware Sand _____ | T. Todilto _____                     | T. _____                    |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____                     | T. _____                    |
| T. Abo _____             | T. _____               | T. Wingate _____                     | T. _____                    |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____                      | T. _____                    |
| T. Penn _____            | T. _____               | T. Permian _____                     | T. _____                    |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn "A" _____                    | T. _____                    |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology                                                                                                                                                                                                                                                                                               | From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----------------------|-----------|
|      |    |                      |                                                                                                                                                                                                                                                                                                         |      |    |                      |           |
|      |    |                      | Cemented 7" csg as follows: 10 bbls. mud flush<br>50 sk of Class "B" w/ 2% CaCl. (59 cu.ft.)<br>Cemented 4-1/2" csg. as follows: 10 bbls. mud flush<br>82 sk of 65/35 poz w/ 12% gel and 1/4#/sk flocele<br>(215 cu.ft.)<br>40 sk of Class "B" neat, 1/4#/sk flocele (47 cu.ft.)<br>Total of 262 cu.ft. |      |    |                      |           |