

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

RECEIVED

5. Lease Designation and Serial No.

NM-20351

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use APPLICATION TO DRILL for permit for such proposals

98 NOV 19 PM 2: 55

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

7. If Unit or CA, Agreement Designation
CARRACAS UNIT

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
CARRACAS UNIT #501

2. Name of Operator
NASSAU RESOURCES, INC

9. API Well No.
30-039-25852

3. Address and Telephone No.
650 CHERRY STREET, SUITE 1225, DENVER CO 80246-1894 (303) 321-2111

10. Field and Pool, or Exploratory Area
BASIN DK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1835' FSL & 1495' FWL, NE/4 SW/4 SEC 10-32N-5W

11. County or Parish, State
RIO ARRIBA, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Completion Operations

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-10-1998: MOL and rig up. ND wellhead and NU BOPs. Pick up 4-3/4" bit on 2-3/8" tubing and TIH. Tag cement at 5429'. Pick up swivel and load hole. Drill cement and stage collar. Free below 5477'. TIH to 5800'. SDON.

10-11-1998: TIH and tag cement at 9120'. Pick up swivel and drill to float collar at 9269'. Circulate hole clean with 2% KCl water. TOH. SDON.

10-13-1998: Pick up 5-1/2" packer on 2 jts. of 3-1/2" tubing and set at 60'. Rig up BJ and pressure test to 6500# - held OK. Release packer and TOH. TIH openended to 9153'. Spot 120 gal of 15% HCl from 9153' to 9023'. TOH. Wait on wireline. Run GR/CCL and CBL logs across Dakota and Mesa Verde. Good bond across DK but free pipe across MV. Perf Lower Dakota from 9096', 9100', 02', 04', 06', 08', 10', 13', 16', 18', 21', 23', 25', 31', 33', 35', 37', 39', 42' and 45' for a total of 20 (0.36") holes. SDON.

10-14-1998: Set packer at 60'. Rig up BJ and pressure test lines. Balled off Lower Dakota in 500 gal of 15% HCl and 35 ball sealers. Good ball action and complete ball off to 6400#. Released packer and TOH. Ran junk basket and retrieved 34 balls with 18 hits. Reset packer at 60'. Start pad and shut down - packer leaking. Reset packer. Fraced Lower Dakota with 45,700# of 20/40 Ottawa sand at 1-2 ppg and tailed in with 7000# of 20/40 resin coated sand at 3.0 ppg. Fluid was a cross linked gel in a 60% nitrogen foam. Total fluid was 1032 bbls and total nitrogen was 944,000 SCF. Job completed at 1400 hrs. 10/13/98. ISIP = 2500#, 15 min. = 1350#, 30 min. = 775#. AIR = 25 BPM, MIR = 25 BPM, ATP = 3750#, MTP = 4000#. Rig down BJ and rig up flow back manifold. Open well through a 1/8" choke. Turn over to watchman. SDON.

Continued on Reverse Side

14. I hereby certify that the foregoing is true and correct

Signed GARY JOHNSON

Title

Date

November 11, 1998

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

RECEIVED
DEC 1 1998

OIL CON. DIV.

DIST. 3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

NMOCD

Carracas Unit #501

10-15-1998: Flow back on 1/8" choke. Nitrogen returns. Starting pressure = 440#, ending pressure = 50#. Flow well out 2" line to kick off. Turn over to night watch. If well unloads will switch back to 1/8" choke.

10-16-1998: Flow back on 1/8" choke. Nitrogen returns. Starting pressure 160 psi, ending pressure 90 psi. Change to 1/4" choke. Returns are broken gel and nitrogen. Starting pressure = 40# and ending pressure = 70#. Turn over to night watch.

10-17-1998: Flow back on 1/4" choke. Returns are nitrogen and broken gel. Bucket test = 15 BWPH with a teaspoon of sand. Starting pressure = 200 psi, ending pressure = 210 psi. Turn over to night watch.

10-18-1998: Flow back on 1/4" choke. Returns are nitrogen and slugs of broken gel. Pressure = 40 psi. Open well through 2" line. Well is logging off. SI well and SDON.

10-19-1998: SITP = 120#. Blow well down. Release packer and TOH. TIH with 5-1/2" packer and tag sand at 8965'. Reverse circulate clean to 9150'. POH to 9055' and set packer. Rig up to swab. Sand line wrapped around top of lubricator. Strip out of hole, braid ends and clamp. Attempt to pull sinker bars free. Released packer and tried to circulate with no success. Reset packer. SDON.

10-20-1998: Attempt to pull sinker bars free. Dropped two cable cutters - both misfired. Parted line at 3300'. Release packer and TOH. Laid down 58th stand with stuck swab tools. Laid down packer. TIH with notched collar to 2165'. Unloaded well with drill gas. Returns are heavy broken gel and no sand. Turned over to watchman. Continued to blow well.

10-21-1998: TIH to 3385'. Unload well with compressor. Blow well. Returns are heavy water and no sand. Bucket test constant at 172 BWPH. Compressor discharge pressure dropped from 500# to 450# in 5 hours. SDON with watchman.

10-22-1998: Blow well with compressor. Bucket test returns at 172 BWPH. Blow well and collect water sample. Could not get well to unload without pumping water. SD compressor and drain pumps and lines. SD until Friday.

10-24-1998: SICP = 600#. Blow well down. TOH. Black Warrior ran tracer log from 9150' - 8700'. Set CIBP at 9014'. TIH with 5-1/2" packer to 8950'. Circulate gas out of well with 2% KCl water. Wait on BJ - broke down. SDON.

10-25-1998: Set packer at 8950'. Pressured backside to 2000# Pressure test CIBP to 6500# - held OK. Released packer and spotted 250 gal. of 15% HCl. TOH. Perforated Upper Dakota from 8868'', 70', 72', 74', 76', 78', 80', 82', 84', 88', 90', 94', 97', 8930', 33', 36', 39', 42', 44' and 46' at 1 spf for a total of 20 (0.36") holes. TIH and set 5-1/2" tension packer at 60'. Break down perfs at 20 BPM and 2450#. Balled off with 500 gal of 15% HCl and 30 balls. Ball off complete to 4200#. Release packer and TOH. Ran junk basket and retrieved 18 balls with 14 hits. Set packer at 60'. Repaired BJ nitrogen truck. Fraced Upper Dakota with 46,000# of 20/40 Ottawa sand at 1 - 2 ppg, and 6,000# of 20/40 resin coated sand at 3 ppg. Job completed at 1745 hrs. 10/24/98. ISIP = 3700#, 15 min. = 2820#. AIR = 25 BPM, MIR = 25 BPM, ATP = 5000#, MTP = 5155#. Total fluid = 957 bbls of cross linked gel in 60% nitrogen foam. Rig down frac crew and opened well up through a 1/8" choke. SDON with watchman.

10-27-1998: Flow back well through 1/8" choke. Starting pressure was 1050# and final pressure was 1000#. Bucket test at 7 BWPH with teaspoon of sand. Changed to 1/4" choke. Pressure dropped to 900# in 5.5 hrs. Bucket test at 9 BWPH with 2 teaspoons of sand. Continue flow back with watchman. SDON. BJ analyzed water at 0.75% KCl - load water.

10-28-1998: Flow back well through 1/4" choke. Starting pressure was 450# and final pressure was 375#. Bucket test at 10 BWPH with trace of sand. Changed to 2" line. Continue flow back with watchman. SDON.

10-29-1998: Gauge well through 2" line at 474 MCFD. All gauges had heavy mist. Rig down flowback manifold and frac valve. Release packer and TOH. Stage in hole with notched collar and tag fill at 9108'. Cleaned out 6' of fill to PBTD. Ran soap sweep. Blow well with drill gas. Continue to blow well with watchman. SDON.

10-30-1998: TIH and check for fill, none. Flow well naturally. Pitot test @ 344 MCFD (dry). Pull up and landed 288 jts. (8927.91') of 2-3/8", 4.7#, J-55, EUE tubing at 8940' KB with notched collar on bottom and SN on top of bottom joint at 8908' KB. ND BOPs and NU wellhead. Kick well off up tubing with drill gas. Rig down and released rig. Moving to Rosa #270. FINAL REPORT. Rig is stuck in road.