

Submit Copy To Appropriate District Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-005-10523
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cato San Andres Unit
8. Well Number 023
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator  
Cano Petro of New Mexico, Inc.

3. Address of Operator  
801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102

4. Well Location

Unit Letter A 660 feet from the N line and 660 feet from the E line  
 Section 11 Township 08S Range 30E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4152

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☒  
 CASING/CEMENT JOB ☐  
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

NMOCD plugged well according to attached EOW report and plugged WBD.

Accepted for record – NMOCD

JRH 05/03/2023

Spud Date:

Rig Release Date:

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

SIGNATURE Drake McCulloch

TITLE Authorized Representative DATE 6/6/22

Type or print name Drake McCulloch E-mail address: [drake@dwsrigns.com](mailto:drake@dwsrigns.com)

PHONE: 505 320 1180

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):











11:00 ↗



102° E

33°38'23" N 103°50'35" W

4120 ft Elevation

## **Cano Petro Inc./NMOCD OWP**

### **Plug And Abandonment End Of Well Report**

#### **Cato San Andres Unit #023**

660' FNL & 660' FEL, Section 11, T8S, R30E

Chaves County, NM / API 30-005-10523

#### **Work Summary:**

- 5/20/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/21/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Change out handling tools to work with 2-1/16" production tubing inside 3 1/2" flush joint liner. Worked stuck tubing free. L/D 104 joints of 2-1/16" production tubing. N/D BOP, N/U wellhead. R/D and MOL.
- 6/3/22** Prepped location with backhoe. MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. P/U 1 1/4" work string and TIH to a depth of 3,477'. L/D 2 joints of tubing. Secured and shut-in well for the day.
- 6/4/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Circulated wellbore clean with 30 bbls of fresh water. Pumped plug #1 from 3,408'-2,750' to cover the San Andres perforations and formation top. TOOH. WOC 4 hours. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,750' to surface. CBL results were sent to NMOCD office for review. TIH and tagged plug #1 top at 3,150'. R/U cementing services. Pressure tested 3 1/2" production liner to 500 psi in which it successfully held pressure. Re-pumped plug #1 from 3,150'-2,479'. Spotted 9.5 ppg mud spacer from 2,479'-1,595'. L/D tubing up to next plug depth. R/U cementing services. Pumped plug #2 from 1,595'-945' to cover the Yates and Rustler formation tops.

Spotted 9.5 ppg mud spacer from 945'-504'. L/D tubing to surface. Secured and shut-in well for the day.

- 6/5/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Attempted to pressure test Bradenhead but it failed to hold pressure. R/U wireline services. RIH and perforated squeeze holes at 504'. R/U cementing services. Successfully established circulation down 3 ½" production liner through perforations at 504' and back around and out Bradenhead valve at surface with 15 bbls of fresh water. Successfully circulated cement down 3 ½" production liner through perforations at 504' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.
- 6/6/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus, 4 ½" production casing annulus, and 3 ½" production liner. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.

**Plug Summary:**

**Plug #1:(San Andres Perforations and Formation Top 3,408'-2,479', 50 Sacks Type III Cement(Re-pumped 25 sx))**

Mixed 50 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top. Re-pumped 25 sx Type III.

**Plug #2:(Yates and Rustler Formation Tops 1,595'-945', 25 Sacks Type III Cement)**

Mixed 25 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

**Plug #3: (Surface Casing Shoe 504'-Surface, 114 Sacks Type III Cement)**

RIH and perforated squeeze holes at 504'. R/U cementing services. Successfully established circulation down 3 ½" production liner through perforations at 504' and back around and out Bradenhead valve at surface with 15 bbls of fresh water. Successfully circulated cement down 3 ½" production liner through perforations at 504' and back around and out Bradenehead valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing



annulus, 4 ½" production casing annulus, and 3 ½" production liner.  
Installed subsurface P&A marker per NMOCD regulations.  
Photographed the P&A marker in place and recorded its location via  
GPS coordinates. Back filled P&A marker. R/D and MOL.

## End of Well Wellbore Diagram

Cato San Andres Unit #023  
API #: 30-005-10523  
Chaves County, New Mexico

### Plug 3

504 feet - Surface  
504 foot plug  
114 sacks of Type III Cement

### Plug 2

1595 feet - 945 feet  
650 foot plug  
25 sacks of Type III Cement

### Plug 1

3408 feet - 2479 feet  
929 foot plug  
50 sacks of Type III Cement  
Re-pumped 25 sacks of Type III

### Perforations

3476 feet - 3482 feet  
3499 feet - 3518 feet  
3544 feet - 3568 feet  
3573 feet - 3576 feet

### Surface Casing

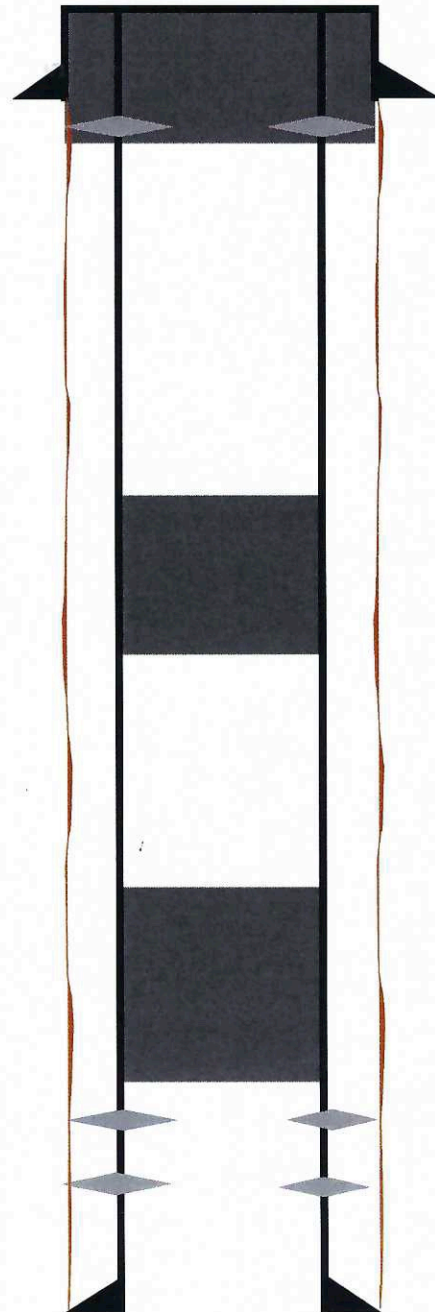
8.625" 28# @ 454 ft

### Formation

Rustler - 1072 ft  
Yates - 1545 ft  
San Andres - 3422 ft

### Production Casing

4.5" 9.5# @ 3576 ft





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CONDITIONS  
  
Action 116843

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 116843
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023