

Submit 1 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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-005-10584
2. Name of Operator Cano Petro of New Mexico, Inc.		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>H</u> <u>1980</u> feet from the <u>N</u> line and <u>660</u> feet from the <u>E</u> line Section <u>3</u> Township <u>08S</u> Range <u>30E</u> NMPM County Chaves		7. Lease Name or Unit Agreement Name Cato San Andres Unit
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4131		8. Well Number <u>001</u>
		9. OGRID Number 248802
		10. Pool name or Wildcat Cato; San Andres

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.

Please see attached report.

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: Ethan Wakefield

TITLE: Authorized Representative

DATE 9/16/24

Type or print name: Ethan Wakefield E-mail address: e.wakefield@dwsrigns.com

PHONE: 405-343-7736

**For State Use Only**

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

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

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

#### **Cato San Andres Unit #001**

1980' FNL & 660' FEL, Section 3, T8S, R30E

Chaves County, NM / API 30-005-10584

#### **Work Summary:**

- 1/5/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 1/6/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 120 psi. Bled down well. Removed horse's head in preparation to pull rods. Worked stuck sucker rod pump free. L/D polish rod, 1 – 6' ¾" pony rod, 123- ¾" sucker rods, 12 – 7/8" guided sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. Worked stuck tubing free. L/D 2 – 10' pup joints. Secured and shut-in well for the day.
- 1/7/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 60 psi. Bled down well. L/D 101 joints of 2-3/8" tubing, tubing anchor, 6 additional joints of 2-3/8" tubing, seating nipple, 4' perforated sub, and 1 joint of 2-3/8" tubing with bull plug. P/U casing scraper and work string and round tripped above top perforation to a depth of 3,318'. P/U CR, TIH and set at 3,255'. Stung out of CR. Attempted to circulated wellbore with 55 bbls of fresh water but could not establish circulation. R/U cementing services. Pumped plug #1 from 3,255'-2,887' to cover the San Andres perforations and formation top. TOOH with tubing. WOC 4 hours. TIH and attempted to tag plug #1 top but tagged CR at 3,255'. R/U cementing services. Re-pumped plug #1 from 3,255'-2,887' to cover the San Andres perforations and formation top. TOOH with tubing. WOC overnight. Secured and shut-in well for the day.

- 1/10/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,952'. R/U cementing services. Circulated wellbore with 20 bbls of fresh water. Attempted to pressure test production casing to 500 psi in which it failed to hold pressure. Pumped 9.5 ppg mud spacer from 2,952'-1,595'. L/D tubing up to next plug depth. Secured and shut-in well for the day.
- 1/11/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. Ran CBL from top of plug #1 at 2,952' to surface. CBL results were sent to NMOCD office for review. RIH and perforated squeeze holes at 1,595'. P/U packer, TIH and set at 909'. Successfully established injection rate into perforations at 1,595'. Un-set packer and TOOH. P/U CR, TIH and set at 909'. R/U cementing services. Pumped plug #2 from 1,595'-800' to cover the Yates and Rustler formation tops. TOOH with work string. WOC 4 hours. TIH and tagged plug #2 top at 807'. Pumped 9.5 ppg mud spacer from 807'-587'. TOOH with work string. Secured and shut-in well for the day.
- 1/12/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. RIH and perforated squeeze holes at 587'. R/U cementing services. Successfully established circulation with fresh water down 4 ½" production casing through perforations at 587' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½" production casing through perforations at 587' and back around and out Bradenhead valve at surface. N/D BOP and N/U wellhead. WOC overnight. R/D and MOL.
- 1/18/22** 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 both surface and production casing strings. 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 3,255'-2,952', 50 Sacks Type III Cement)**

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

**Plug #2:(Yates and Rustler Formation Tops 1,595'-807', 157 Sacks Type III Cement(Squeezed 104 sx)**

RIH and perforated squeeze holes at 1,595'. P/U packer, TIH and set at 909'. Successfully established injection rate into perforations at 1,595'. Un-set packer and TOO H. P/U CR, TIH and set at 909'. R/U cementing services. Pumped plug #2 from 1,595'-800' to cover the Yates and Rustler formation tops. TOO H with work string. WOC 4 hours. TIH and tagged plug #2 top at 807'.

**Plug #3: (Surface Casing Shoe 587'-Surface, 265 Sacks Type III Cement)**

RIH and perforated squeeze holes at 587'. R/U cementing services. Successfully established circulation with fresh water down 4 ½" production casing through perforations at 587' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½" production casing through perforations at 587' and back around and out Bradenhead valve at surface. N/D BOP and N/U wellhead. WOC overnight. Dug out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in both surface and production casing strings. 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.

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## Wellbore Diagram

Cato San Andres Unit #001  
API #: 30-005-10584  
Chaves County, New Mexico

### Plug 3

587 feet - Surface  
587 feet plug  
265 sacks of Type III

### Plug 2

1595 feet - 807 feet  
788 feet plug  
157 sacks of Type III  
104 sacks squeezed

### Plug 1

3255 feet - 2952 feet  
303 feet plug  
50 sacks of Type III

### Perforations

3301 ft - 3348 ft  
3373 ft - 3391 ft

### Surface Casing

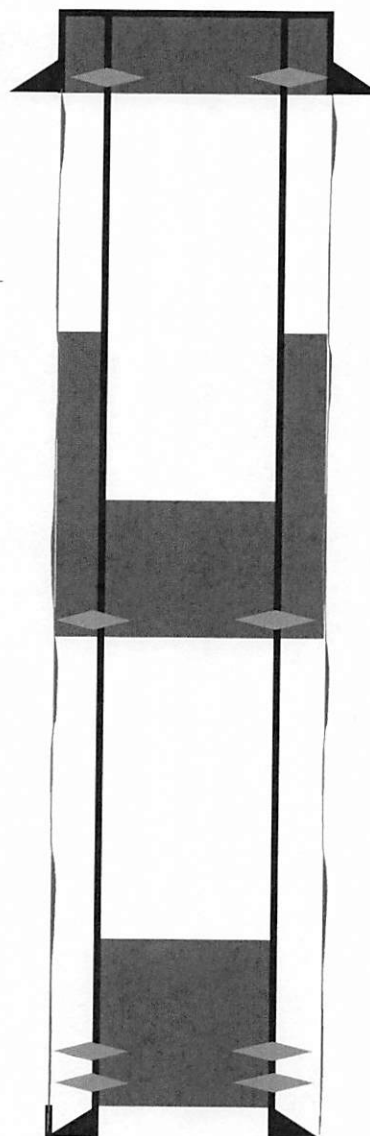
8.625" 20# @ 537 ft

### Formation

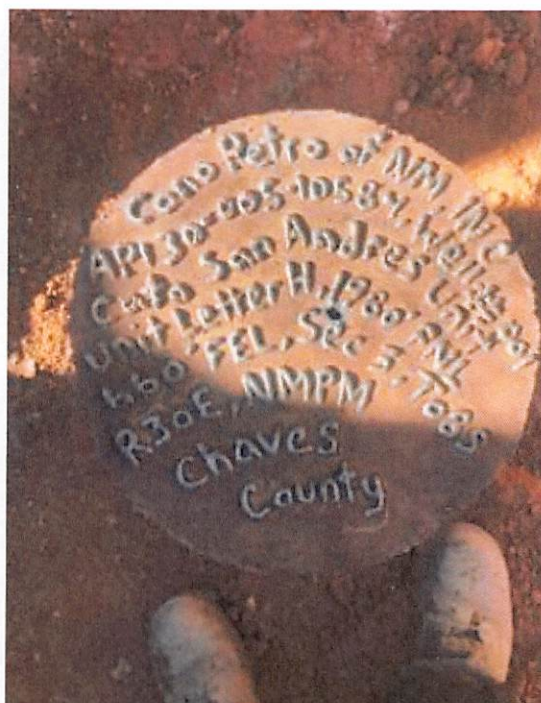
Anhy - 1000 ft  
Yates - 1475 ft  
San Andres - 2605 ft

### Production Casing

4.5" 9.5# @ 3505 ft













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**District IV**  
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Phone:(505) 476-3470 Fax:(505) 476-3462

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**Santa Fe, NM 87505**

CONDITIONS

Action 383887

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 383887
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
samuel.romero	Operator must submit a C-103Q within one year from plugging date in order for OCD to perform a site inspection.	10/2/2024