

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  
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 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

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

Form C-103  
 Revised July 18, 2013

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-005-21163 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 6. State Oil & Gas Lease No.
2. Name of Operator Cano Petro of New Mexico, Inc.		7. Lease Name or Unit Agreement Name Cato San Andres Unit
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102		8. Well Number 302
4. Well Location Unit Letter C 1281 feet from the N line and 1358 feet from the W line Section 9 Township 08S Range 30E NMPM County Chaves		9. OGRID Number 248802
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4066		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 9/12/24

Type or print name: Ethan Wakefield E-mail address: e.wakefield@dwsrigs.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 #302**

1281' FNL & 1358' FWL, Section 9, T8S, R30E

Chaves County, NM / API 30-005-21163

#### **Work Summary:**

- 11/30/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 12/1/21** 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. Removed horse's head in preparation to pull rods. L/D polish rod, 6'- 3/4" pony rod, 2'- 3/4" pony rod, 127'- 3/4" sucker rods and sucker rod pump. N/D wellhead, N/U BOP and function tested. L/D 104 joints of 2-3/8" tubing, seating nipple, 2-3/8" perforated sub, 1 joint of 2-3/8" tubing with bull plug. P/U casing scraper and round tripped above top perforation to a depth of 3,328'. Secured and shut-in well for the day.
- 12/2/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U CR, TIH and set at 3,170'. Stung out of CR and attempted to circulate wellbore with 86 bbls of fresh water but could not establish circulation. R/U cementing services. Pumped plug #1 from 3,170'-2,910' 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 up at 3,264'. Tag point indicated CR fell down wellbore once cement was pumped on top of it. TOOH with tubing. Secured and shut-in well for the day.
- 12/3/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with tubing to 3,264'. R/U cementing services. Re-pumped plug #1 from 3,264'-2,923' to cover the San Andres perforations and formation top. TOOH with tubing. WOC 4 hours. TIH and tagged TOC at 2,951'. Circulated wellbore clean with

47 bbls of fresh water. Pressure tested production casing to 500 psi in which it successfully held pressure. TOOH with tubing. R/U wireline services. Ran CBL from top of plug #1 at 2,951' to surface. CBL results were sent to NMOCD office for review. RIH and perforated squeeze holes at 1,510'. Secured and shut-in well for the day.

**12/6/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,951'. Pumped 9.5 ppg mud spacer from 2,951'-1,510'. L/D tubing up to next plug depth and TOOH with remaining tubing. P/U packer, TIH and set at 877'. Attempted to establish injection rate into perforations at 1,510' but was unsuccessful. Released packer and TOOH. Secured and shut-in well for the day.

**12/7/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. RIH and perforated squeeze holes at 1,490'. P/U packer, TIH and set at 877'. Attempted to establish injection rate into perforations at 1,490' but was unsuccessful. Released packer and TOOH. P/U cementing sub, TIH to 1,600'. R/U cementing services. Pumped plug #2 from 1,600'-900' to cover the Yates and Rustler formation tops. WOC 4 hours. TIH and tagged plug #2 top at 998'. Pumped 9.5 ppg mud spacer from 998'-572'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 573'. R/U cementing services. Successfully established circulation down 5 ½" production casing through perforations at 573' and back around and out Bradenhead valve at surface. Successfully circulated cement down 5 ½" production casing through perforations at 573' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. WOC overnight. R/D and MOL.

**12/14/21** 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 8-5/8" surface casing annulus. Ran weighted tally tape down 5 ½" production casing and tagged cement 10' down. R/U cementing services. Topped-off well with 9 sacks of cement. 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 3,264'-2,951', 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.

**Plug #2:(Yates and Rustler Formation Tops 1,600'-998', 70 Sacks Type III Cement)**

RIH and perforated squeeze holes at 1,510'. Attempted to establish injection rate into perforations at 1,510' but was unsuccessful. RIH and perforated squeeze holes at 1,490'. P/U packer, TIH and set at 877'. Attempted to establish injection rate into perforations at 1,490' but was unsuccessful. Released packer and TOOH. P/U cementing sub, TIH to 1,600'. R/U cementing services. Pumped plug #2 from 1,600'-900' to cover the Yates and Rustler formation tops. WOC 4 hours. TIH and tagged plug #2 top at 998'.

**Plug #3: (Surface Casing Shoe 573'-Surface, 179 Sacks Type III Cement(9 sx for top-off))**

RIH and perforated squeeze holes at 573'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 573' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½" production casing through perforations at 573' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. WOC overnight. Dug out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing annulus. Ran weighted tally tape down 5 ½" production casing and tagged cement 10' down. R/U cementing services. Topped-off well with 9 sacks of cement. 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.

## Wellbore Diagram

Cato San Andres Unit #302  
API #: 30-005-21163  
Chaves County, New Mexico

### Plug 3

573 feet - Surface  
573 feet plug  
179 sacks of Type III Cement  
9 sacks for top-off

### Plug 2

1600 feet - 998 feet  
602 feet plug  
70 sacks of Type III Cement

### Plug 1

3264 feet - 2951 feet  
313 feet plug  
50 sacks of Type III Cement  
25 sacks re-pumped

### Perforations

3212 ft - 3250 ft

### Surface Casing

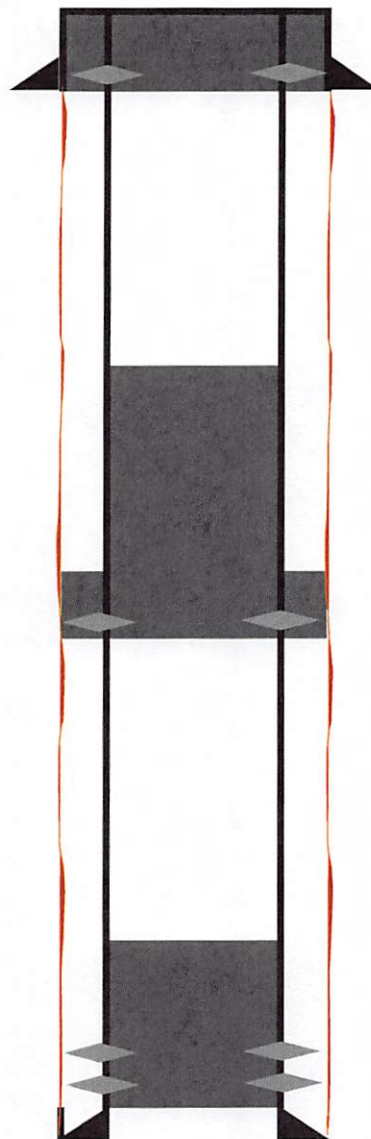
8.625" 24# @ 523 ft

### Formation

San Andres - 2454 ft

### Production Casing

5.5" 15.5# @ 3447 ft



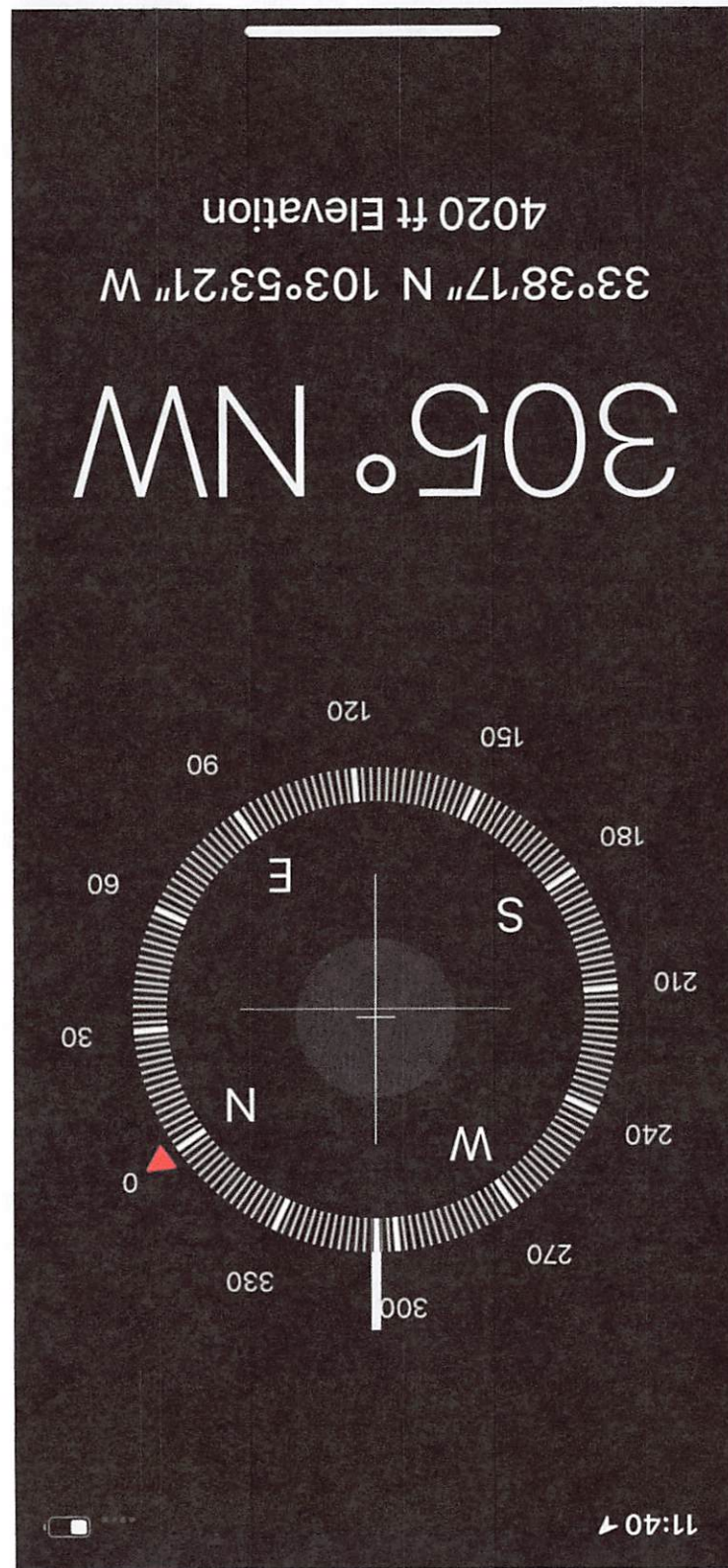














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**Santa Fe, NM 87505**

CONDITIONS

Action 383896

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 383896
	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