

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

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.)		WELL API NO. 30-005-20049
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Cano Petro of New Mexico, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102		7. Lease Name or Unit Agreement Name Cato San Andres Unit
4. Well Location Unit Letter <u>N</u> <u>660</u> feet from the <u>S</u> line and <u>1980</u> feet from the <u>W</u> line Section <u>9</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number <u>63</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4058		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 9/12/24

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 #63**

660' FSL & 1980' FWL, Section 9, T8S, R30E

Chaves County, NM / API 30-005-20049

#### **Work Summary:**

- 12/17/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 12/18/21** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 280 psi, Bradenhead: 70 psi. Bled down well. Removed horse's head in preparation to pull rods. Worked stuck sucker rod pump free. L/D polish rod, 2 - 6' 7/8" pony rods, 50 7/8" sucker rods, 87- 3/4" sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. Worked stuck tubing. L/D 106 joints of 2-3/8" tubing, seating nipple, 4' perforated pup joint, and 1 joint of 2-3/8" tubing with bull plug. P/U casing scraper and work string and tallied in the wellbore above top perforation to a depth of 3,270'. Secured and shut-in well for the day.
- 12/19/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TOO H with casing scraper. P/U CR, TIH and set at 3,130'. Stung out of CR. R/U cementing services. Circulated wellbore with 60 bbls of fresh water. Attempted to pressure test production casing to 500 psi in which it failed to hold pressure. Pumped plug #1 from 3,130'-2,762' to cover the San Andres perforations and formation top. TOO H with tubing. WOC 4 hours. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,762' to surface. CBL results were sent to NMOCD office for review. TIH and tagged plug #1 top at 2,955'. Tag depth was below minimum tag depth for plug #1. R/U cementing services. Re-pumped plug #1 from 2,955'-2,700' to cover the San Andres perforations and formation top. TOO H with tubing. WOC overnight. Secured and shut-in well for the day.

- 12/20/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,655'. Pumped 9.5 ppg mud spacer from 2,655'-1,595'. L/D tubing up to next plug depth. TOOH with remaining tubing. R/U wireline services. RIH and perforated squeeze holes at 1,595'. Attempted to establish injection rate into perforations at 1,595' but was unsuccessful. TIH with tubing to 1,613'. R/U cementing services. Pumped plug #2 from 1,613'-900' to cover the Yates and Rustler formation tops. TOOH with tubing. WOC 4 hours. TIH and tagged plug #2 top at 1,101'. R/U cementing services. Re-pumped plug #2 from 1,101'-900' to cover the Yates and Rustler formation tops. TOOH with tubing. WOC overnight. Secured and shut-in well for the day.
- 12/21/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 858'. Pumped 9.5 ppg mud spacer from 858'-498'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 498'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 498' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½" production casing through perforations at 498' and back around and out Bradenhead valve at surface. N/D BOP. Dug out wellhead with backhoe. Performed wellhead cut-off. Ran weighted tally tape down both casing strings and tagged cement 11' down in 8-5/8" surface casing annulus and 30' down in 4 ½" production casing. Ran ¾" poly pipe down both strings of casing and topped-off well with 10 sx 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 3,130'-2,655', 42 Sacks Type III Cement(Re-pumped 17 sx))**

Mixed 42 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top. Re-pumped 17 sx.

**Plug #2:(Yates and Rustler Formation Tops 1,613'-858', 63 Sacks Type III Cement(Re-pumped 13 sx))**

RIH and perforated squeeze holes at 1,595'. Attempted to establish injection rate into perforations at 1,595' but was unsuccessful. TIH with tubing to 1,613'. R/U cementing services. Pumped plug #2 from 1,613'-900' to cover the Yates and Rustler formation tops. TOOH with tubing. WOC 4 hours. TIH and tagged plug #2 top at 1,101'. R/U cementing services. Re-pumped plug #2 from 1,101'-900' to cover

the Yates and Rustler formation tops. T00H with tubing. WOC overnight. TIH and tagged plug #2 top at 858'.

**Plug #3: (Surface Casing Shoe 498'-Surface, 183 Sacks Type III Cement(10 sx for Top-off))**

RIH and perforated squeeze holes at 498'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 498' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½" production casing through perforations at 498' and back around and out Bradenhead valve at surface. N/D BOP. Dug out wellhead with backhoe. Performed wellhead cut-off. Ran weighted tally tape down both casing strings and tagged cement 11' down in 8-5/8" surface casing annulus and 30' down in 4 ½" production casing. Ran ¾" poly pipe down both strings of casing and topped-off well with 10 sx 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.

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## Wellbore Diagram

Cato San Andres Unit #63

API #: 30-005-20049

Chaves County, New Mexico

### Plug 3

498 feet - Surface

498 feet plug

183 sacks of Type III Cement

10 sacks for top-off

### Plug 2

1613 feet - 858 feet

755 feet plug

63 sacks of Type III Cement

13 sacks re-pumped

### Plug 1

3130 feet - 2655 feet

475 feet plug

42 sacks of Type III Cement

17 sacks re-pumped

### Perforations

3326 ft - 3348 ft

3351 ft - 3355 ft

3358 ft - 3363 ft

### Surface Casing

8.625" 24# @ 448 ft

### Formation

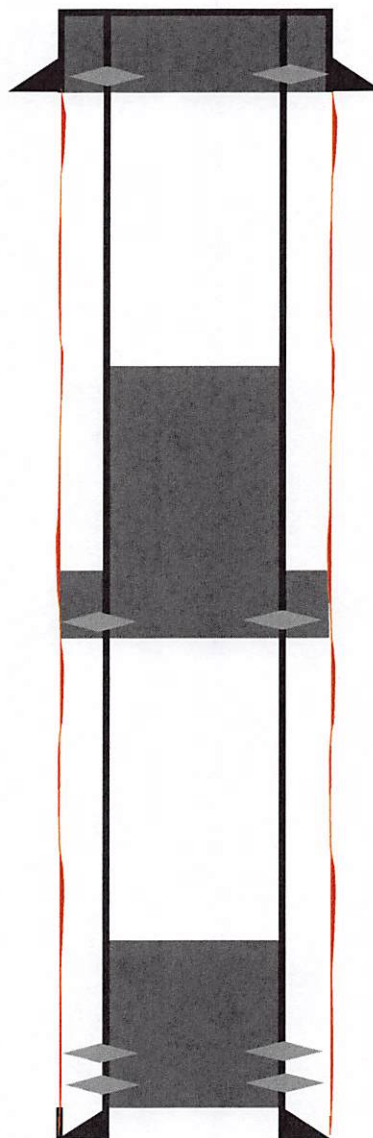
Yates - 1464 ft

Queen - 2055 ft

San Andres - 2498 ft

### Production Casing

4.5" 9.5# @ 3490 ft



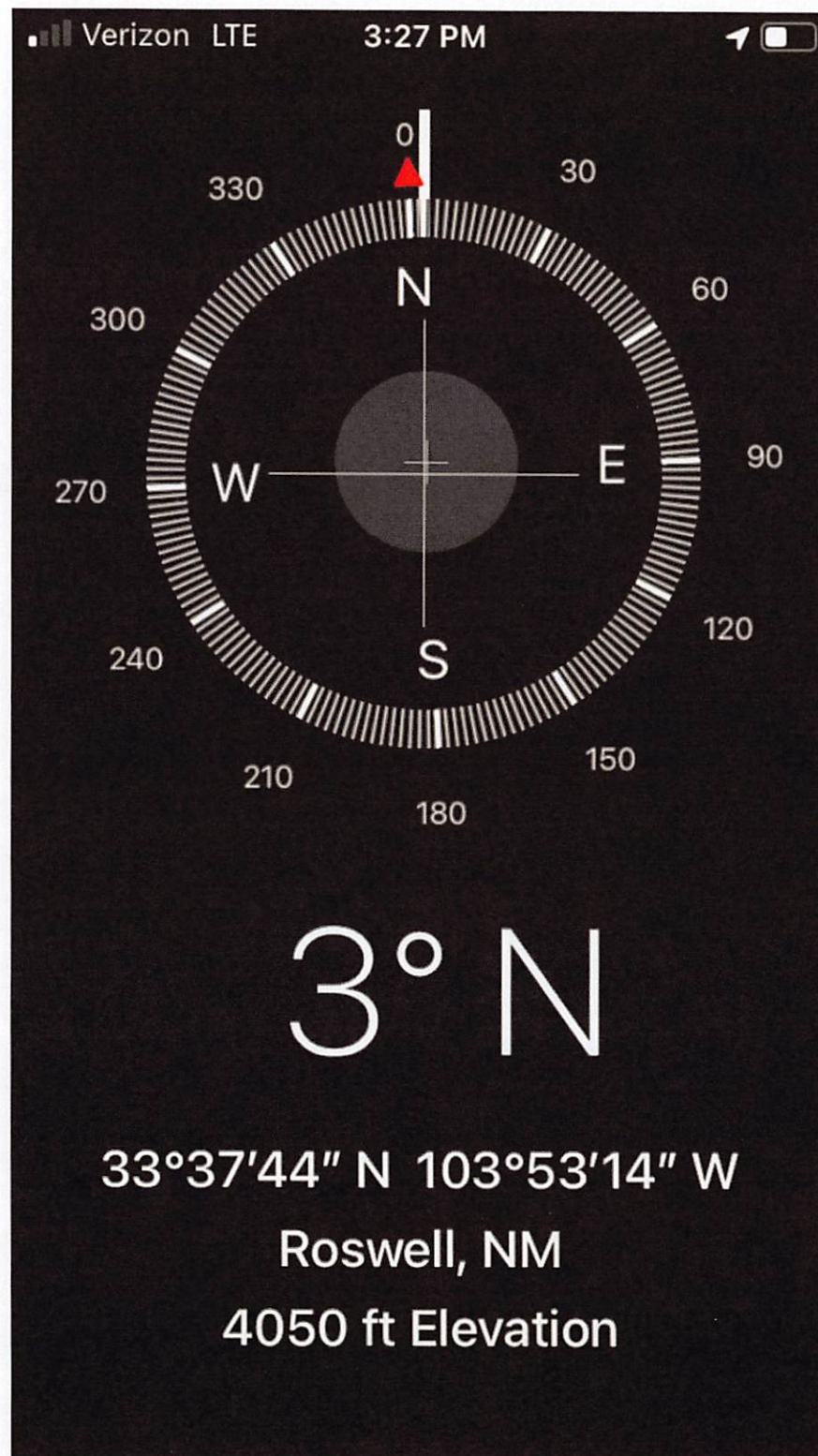














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**Santa Fe, NM 87505**

CONDITIONS

Action 383892

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 383892
	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