

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

<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.)		WELL API NO. 30-005-20047
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>L</u> 1980 feet from the <u>S</u> line and 660 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>41</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4060		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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 9/10/24

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 #41**

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

Chaves County, NM / API 30-005-20047

#### **Work Summary:**

- 9/6/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 9/7/21** 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. L/D polish rod, 1- 3/4" 10' pony rod, 138 3/4" guided sucker rods, 25- 3/4" slick sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. L/D 107 joints of 2-3/8" tubing, seating nipple, 4' perforated sub, and 1 joint of 2-3/8" tubing with bull plug. Shut-in well for the day.
- 9/8/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 4 1/2" casing scraper and TIH to 343' where casing scraper tagged up. Casing scraper was worked at 343' in an attempt to get deeper but no progress was made. TOOH. P/U mule shoe sub. TIH and tagged up at 343'. Successfully worked muleshoe sub past tight spot at 343' down to 3,158'. Attempted to circulate wellbore with 50 bbls of fresh water but circulation was never established back to surface. R/U cementing services. Pumped plug #1 from 3,158'-2,762' to cover the San Andres perforations and formation top. L/D 14 joints of tubing. TOOH with work string. WOC overnight. Shut-in well for the day.
- 9/9/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with work string and attempted to tag plug #1 top but tagged near TD at 3,263'. R/U cementing services. Re-pumped plug #1 from 3,263'-2,887' to cover the San Andres perforations and formation top. WOC 4 hours. TIH and tagged plug

#1 top at 3,092'. R/U cementing services. Re-pumped plug #1 from 3,092'-2,666' to cover the San Andres perforations and formation top. WOC 4 hours. TIH and tagged plug #1 top at 2,665'. Shut-in well for the day.

**9/10/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,602'. Spotted 9.5 ppg mud spacer from 2,602'-1,595'. R/U cementing services. Pumped plug #2 from 1,595'-938' to cover the Yates and Rustler formation tops. WOC 4 hours. TIH and tagged plug #2 top at 1,132'. R/U cementing services. Re-pumped plug #2 from 1,132'-938' to cover the Yates and Rustler formation tops. WOC over the weekend. TOOH with work string. Shut-in well for the day.

**9/13/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 975'. R/U cementing services. Re-pumped plug #2 from 975'-843' to cover the Yates and Rustler formation tops. WOC 4 hours. TIH and tagged plug #2 top at 975'. TOOH with work string. Tag point at 975' is suspected to be green cement. Shut-in well for the day.

**9/14/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 946'. R/U cementing services. Re-pumped plug #2 from 946'-762' to cover the Yates and Rustler formation tops. WOC 4 hours. TIH and tagged plug #2 top at 815'. Pumped 9.5 ppg mud spacer from 815'-587'. PUH. Closed casing valve and pumped 30 bbls of fresh water down tubing to attempt to establish circulation around Bradenhead but was unsuccessful. R/U cementing services. Pumped plug #3 from 587'-300' to cover the surface casing shoe. TOOH with work string. WOC overnight. Shut-in well for the day.

**9/15/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #3 top at 314'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 281'. R/U cementing services. Successfully established circulation down casing through perforations at 281' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 281' and back around and out Bradenhead valve at surface. N/D BOP. WOC surface plug. Wellhead will be cut-off once Cato San Andres Unit #42 is completed. R/D and move to Cato San Andres Unit #42.

**9/24/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was at surface in 4 ½" production casing and 2' down in 8-5/8" surface casing. Installed P&A marker and plate 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 3,263'-2,602', 83 Sacks Type III Cement(Re-pumped 56 sx))**

Mixed 83 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top. Re-pumped 56 sx.

**Plug #2:(Yates and Rustler Formation Tops 1,595'-815', 78 Sacks Type III Cement(Re-pumped 36 sx))**

Mixed 78 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops. Re-pumped 36 sx.

**Plug #3: (Surface Casing Shoe 587'-Surface, 101 Sacks Type III Cement)**

Pumped plug #3 from 587'-300' to cover the surface casing shoe. TOOH with work string. WOC overnight. TIH and tagged plug #3 top at 314'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 281'. R/U cementing services. Successfully established circulation down casing through perforations at 281' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 281' and back around and out Bradenhead valve at surface. N/D BOP. WOC surface plug. Wellhead will be cut-off once Cato San Andres Unit #42 is completed. Performed wellhead cut-off. Cement was at surface in 4 ½" production casing and 2' down in 8-5/8" surface casing. Installed P&A marker and plate 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 #41

API #: 30-005-20047

Chaves County, New Mexico

### Plug 3

587 feet - Surface

587 feet plug

101 sacks of Type III Cement

### Plug 2

1595 feet - 815 feet

780 feet plug

78 sacks of Type III Cement

36 sacks re-pumped

### Plug 1

3263 feet - 2602 feet

661 feet plug

83 sacks of Type III Cement

56 sacks re-pumped

### Perforations

3132 ft - 3170 ft

### Surface Casing

8.625" 28# @ 537 ft

### Formation

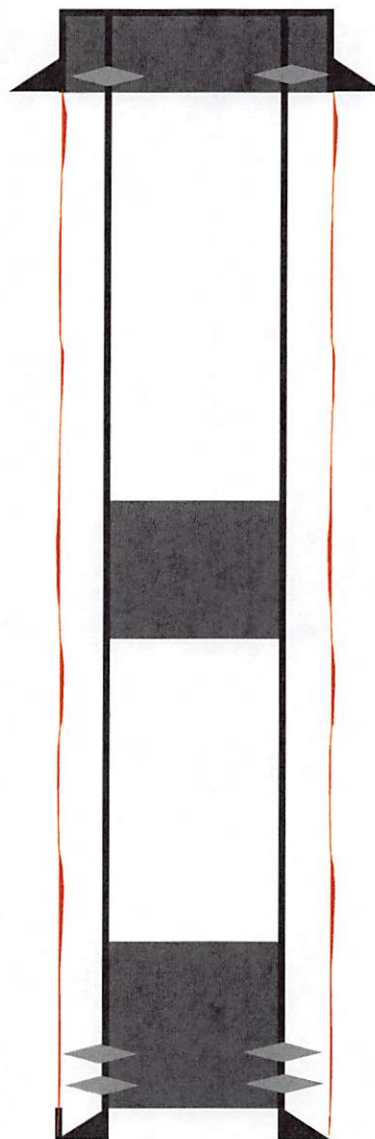
Anhy - 798 ft

Yates - 1382 ft

San Andres - 2433 ft

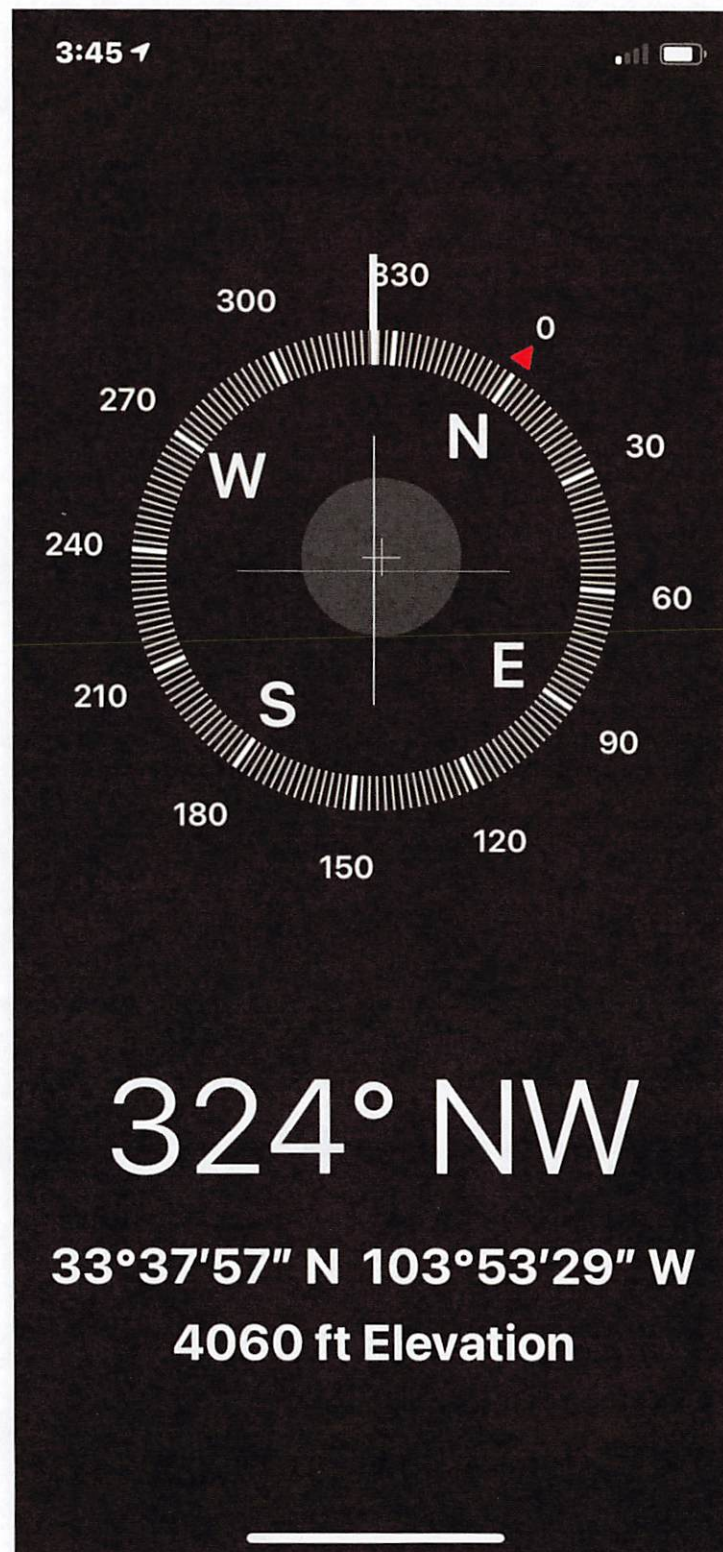
### Production Casing

4.5" 9.5# @ 3497 ft











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**Santa Fe, NM 87505**

CONDITIONS

Action 382128

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 382128
	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 to perform a site inspection.	9/18/2024