

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

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. 30-005-10579
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>M</u> <u>660</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>W</u> line Section <u>11</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number <u>056</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) N/A		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.

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

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 9/17/24

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 #056

660' FSL & 660' FWL, Section 11, T8S, R30E

Chaves County, NM / API 30-005-10579

Work Summary:

- 6/27/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/28/22** 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. Secured and shut-in well for the day.
- 6/29/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. L/D 105 joints of 2-1/16" tubing and packer. P/U 3 1/2" casing scraper and work string and round tripped above top perforation to a depth of 3,419'. L/D casing scraper. TIH to 3,375'. R/U cementing services. Circulated wellbore clean with 34 bbls of fresh water. Pumped plug #1 from 3,375'-2,706' 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 2,706' to surface. CBL results were sent to NMOCD office for review. TIH and tagged plug #1 top at 3,103'. R/U cementing services. Pressure tested 3 1/2" production liner to 600 psi in which it successfully held pressure. Re-pumped plug #1 from 3,103'-2,445'. Spotted 9.5 ppg mud spacer from 2,445'-1,595'. L/D tubing up to next plug depth. TOOH. Secured and shut-in well for the day.
- 6/30/22** 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 1,595'. Attempted to establish injection rate into perforations at 1,595' but was unsuccessful. R/U wireline services. RIH and perforated squeeze holes at 1,000'. Attempted to establish

injection rate into perforations at 1,000' but was unsuccessful. TIH to 1,645'. R/U cementing services. Pumped plug #2 from 1,645'-900' to cover the Yates and Rustler formation tops. Spotted 9.5 ppg mud spacer from 900'-500'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 500'. R/U cementing services. Successfully established circulation down 3 ½" production liner through perforations at 500' and back around and out Bradenhead valve at surface with fresh water. Successfully circulated cement down 3 ½" production liner through perforations at 500' and back around and out Bradenhead valve at surface. N/D BOP. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in both the 8-5/8" surface casing annulus and 3 ½" production liner. Ran weighted tally tape down 5 ½" casing annulus and tagged cement 53' down. Ran ¾" poly pipe down 5 ½" casing annulus. R/U cementing services. Topped-off 5 ½" casing annulus with 10 sx of cement. Installed subsurface P&A marker per NMOCDC 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 3,375'-2,445', 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.

Plug #2:(Yates and Rustler Formation Tops 1,645'-900', 28 Sacks Type III Cement)

Mixed 28 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

Plug #3: (Surface Casing Shoe 500'-Surface, 130 Sacks Type III Cement(10 sx for Top-Off))

RIH and perforated squeeze holes at 500'. R/U cementing services. Successfully established circulation down 3 ½" production liner through perforations at 500' and back around and out Bradenhead valve at surface with fresh water. Successfully circulated cement down 3 ½" production liner through perforations at 500' and back around and out Bradenhead valve at surface. N/D BOP. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in both the 8-5/8" surface casing annulus and 3 ½" production liner. Ran weighted tally tape down 5 ½" casing annulus and tagged cement 53' down. Ran ¾" poly pipe down 5 ½" casing annulus. R/U cementing services. Topped-off 5 ½" casing annulus with 10 sx of cement. Installed subsurface P&A marker per NMOCDC

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 #056
API #: 30-005-10579
Chaves County, New Mexico

Plug 3

500 feet - Surface
500 foot plug
130 sacks of Type III Cement
10 sacks of Type III Top Off

Plug 2

1645 feet - 900 feet
745 foot plug
28 sacks of Type III Cement

Plug 1

3375 feet - 2445 feet
930 foot plug
50 sacks of Type III Cement
Repumped 25 sacks of Type III

Perforations

No Perforation
Open Hole Production
3419 feet - 3523 feet

Surface Casing

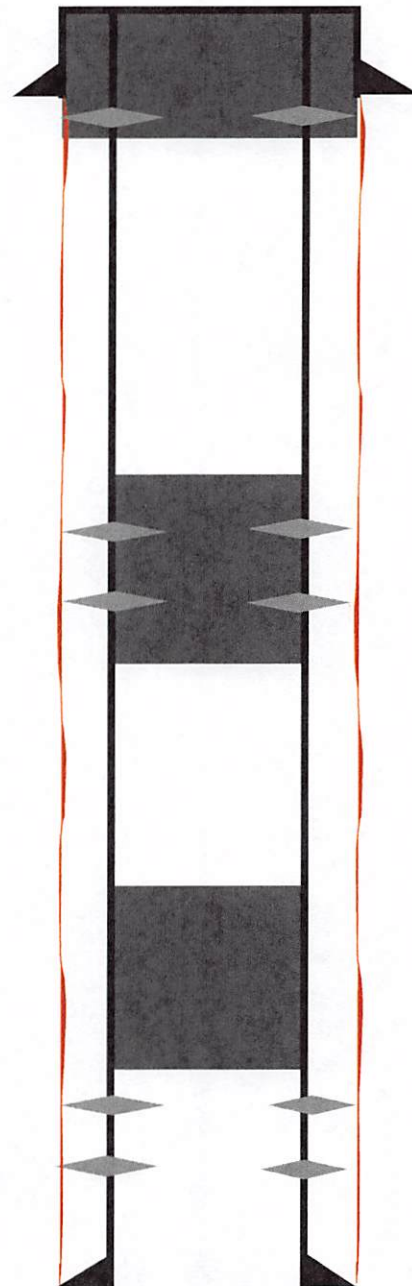
8.625" 24# @ 450 ft

Formation

Rustler - 1072 ft
Yates - 1545 ft
San Andres - 3369 ft

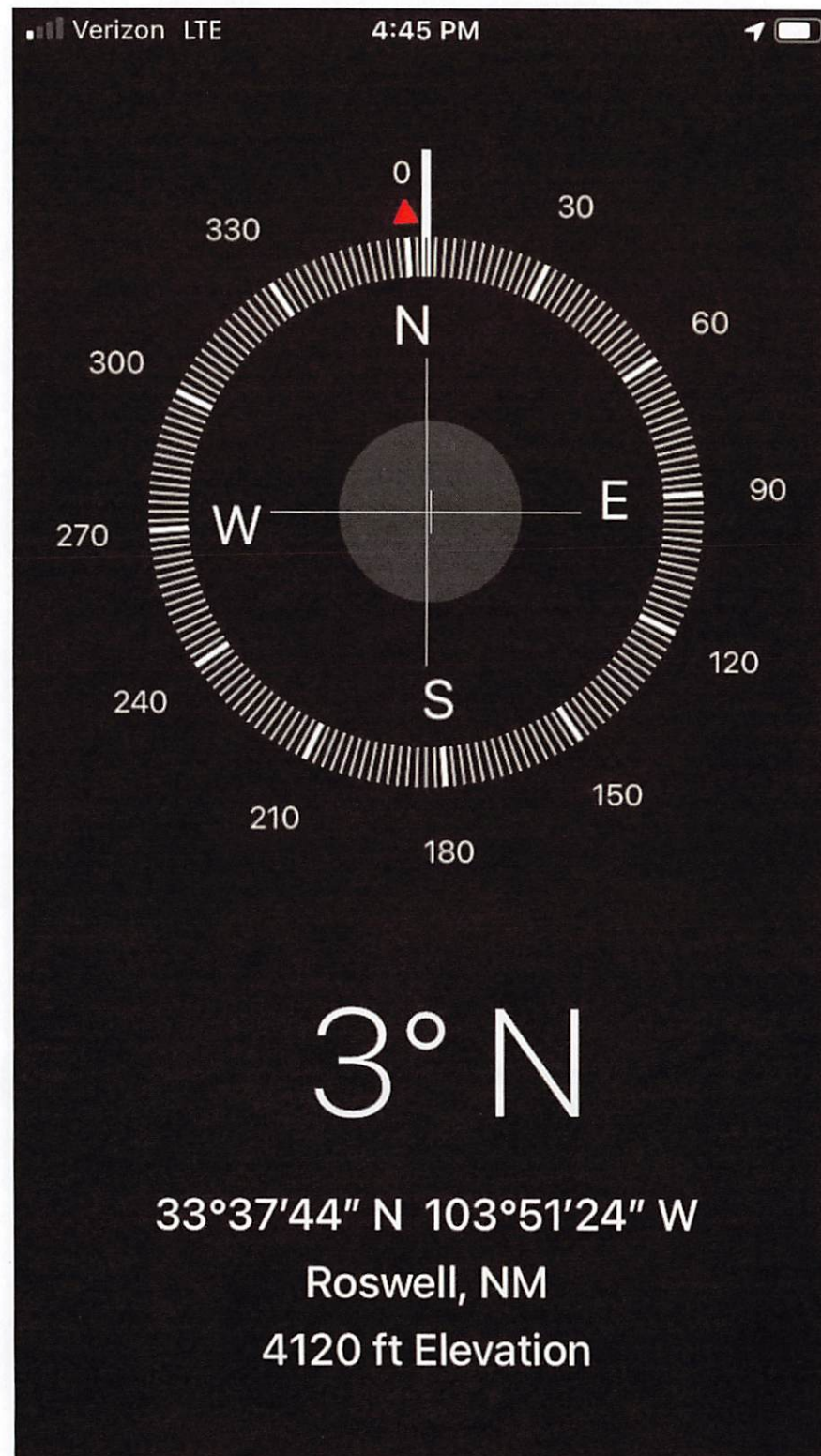
Production Casing

5.5" 14# @ 3419 ft









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CONDITIONS

Action 384654

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 384654
	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