

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.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-005-10504
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>D</u> <u>660</u> feet from the <u>N</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>		7. Lease Name or Unit Agreement Name Cato San Andres Unit
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4140		8. Well Number <u>020</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:		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.

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 #020

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

Chaves County, NM / API 30-005-10504

Work Summary:

- 5/11/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/12/22** Prepped location with backhoe. MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Secured and shut-in well for the day.
- 5/13/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. While N/U BOP it was discovered that a 3 ½" liner and 2-1/16" tubing had been run in the wellbore. The decision was made to move to the Cato San Andres Unit #021. The P&A operations will continue on the Cato San Andres Unit #020 once tools and handling equipment are acquired for 3 ½" liner and 2-1/16" tubing. R/D and MOL.
- 5/21/22** Prepped location with backhoe. MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Secured and shut-in well for the day.
- 5/22/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Change out handling tools to work with 2-1/16" production tubing inside 3 ½" flush joint liner. Worked stuck tubing free. L/D 100 joints of 2-1/16" production tubing. N/D BOP, N/U wellhead. R/D and MOL.
- 5/31/22** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. P/U 1 ¼" work string and bit and TIH to 3,408'.

L/D 2 joints of tubing. R/U cementing services. Circulated wellbore clean with 30 bbls of fresh water. Pumped plug #1 from 3,341'-2,682' to cover the San Andres perforations and formation top. TOOH. WOC overnight. Secured and shut-in well for the day.

6/1/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 3,171'. R/U cementing services. Re-pumped plug #1 from 3,171'-2,512'. TOOH. WOC 4 hours. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,512' to surface. CBL results were sent to NMOCD office for review. TIH and tagged plug #1 top at 2,626'. R/U cementing services. Pressure tested production liner to 500 psi in which it successfully held pressure. Spotted 9.5 ppg mud spacer from 2,626'-1,595'. TOOH. Secured and shut-in well for the day.

6/2/22 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'. TIH to 1,595'. R/U cementing services. Pumped plug #2 from 1,595'-800' to cover the Yates and Rustler formation tops. Applied 500 psi of pressure to production liner to squeeze cement into perforations at 1,595'. WOC 4 hours. TIH and tagged plug #2 top at 1,315'. R/U cementing services. Re-pumped plug #2 from 1,315'-900' to cover the Rustler formation top. TOOH. WOC overnight. Secured and shut-in well for the day.

6/3/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 894'. R/U cementing services. Spotted 9.5 ppg mud spacer from 894'-565'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 565'. R/U cementing services. Successfully established circulation down 3 ½" production liner through perforations at 565' and back around and out Bradenhead valve at surface with 25 bbls of fresh water. No circulation was observed up 4 ½" casing. Successfully circulated cement down 3 ½" production liner through perforations at 565' and back around and out Bradenehead valve at surface. No cement was circulated up 4 ½" casing. N/D BOP, N/U wellhead. R/D and MOL.

6/6/22 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 8-5/8" surface casing annulus, 4 ½" production casing annulus, and 3 ½" production liner. 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 3,341'-2,626', 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 Type III.

Plug #2:(Yates and Rustler Formation Tops 1,595'-894', 55 Sacks Type III Cement(Re-pumped 25 sx))

Mixed 55 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops. Re-pumped 25 sx Type III.

Plug #3: (Surface Casing Shoe 565'-Surface, 190 Sacks Type III Cement)

RIH and perforated squeeze holes at 565'. R/U cementing services. Successfully established circulation down 3 ½" production liner through perforations at 565' and back around and out Bradenhead valve at surface with 25 bbls of fresh water. No circulation was observed up 4 ½" casing. Successfully circulated cement down 3 ½" production liner through perforations at 565' and back around and out Bradenehead valve at surface. No cement was circulated up 4 ½" casing. N/D BOP, N/U wellhead. R/D and MOL. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing annulus, 4 ½" production casing annulus, and 3 ½" production liner. Installed subsurface P&A marker per NMOC 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 Wellbore Diagram

Cato San Andres Unit #020
API #: 30-005-10504
Chaves County, New Mexico

Plug 3

565 feet - Surface
565 foot plug
190 sacks of Type III Cement

Plug 2

1595 feet - 894 feet
701 foot plug
55 sacks of Type III Cement
Re-pumped 25 sks Type III Cement

Plug 1

3341 feet - 2626 feet
715 foot plug
50 sacks of Type III Cement
Re-pumped 25 sks Type III Cement

Perforations

3368 feet - 3398 feet
3431 feet - 3449 feet

Surface Casing

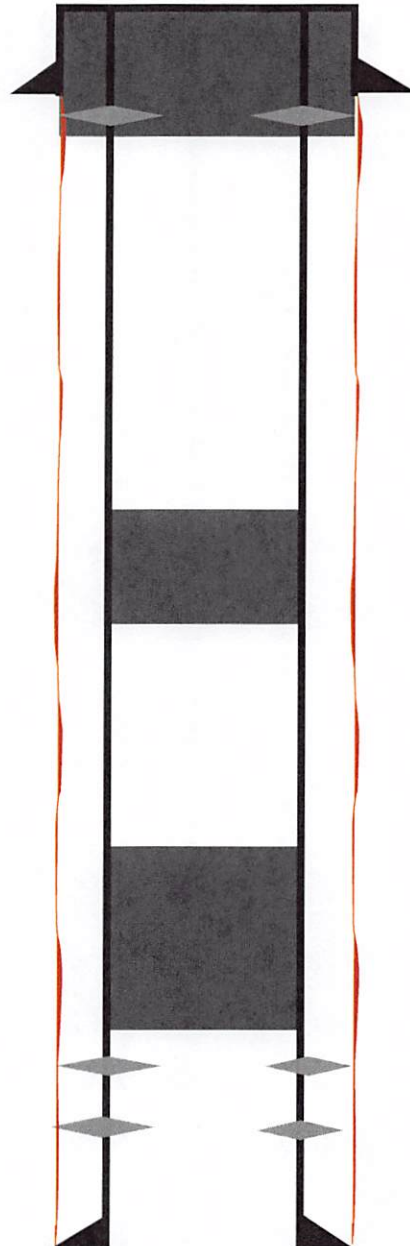
8.625" 28# @ 515 ft

Formation

Rustler - 1072 ft
Yates - 1545 ft
San Andres - 3318 ft

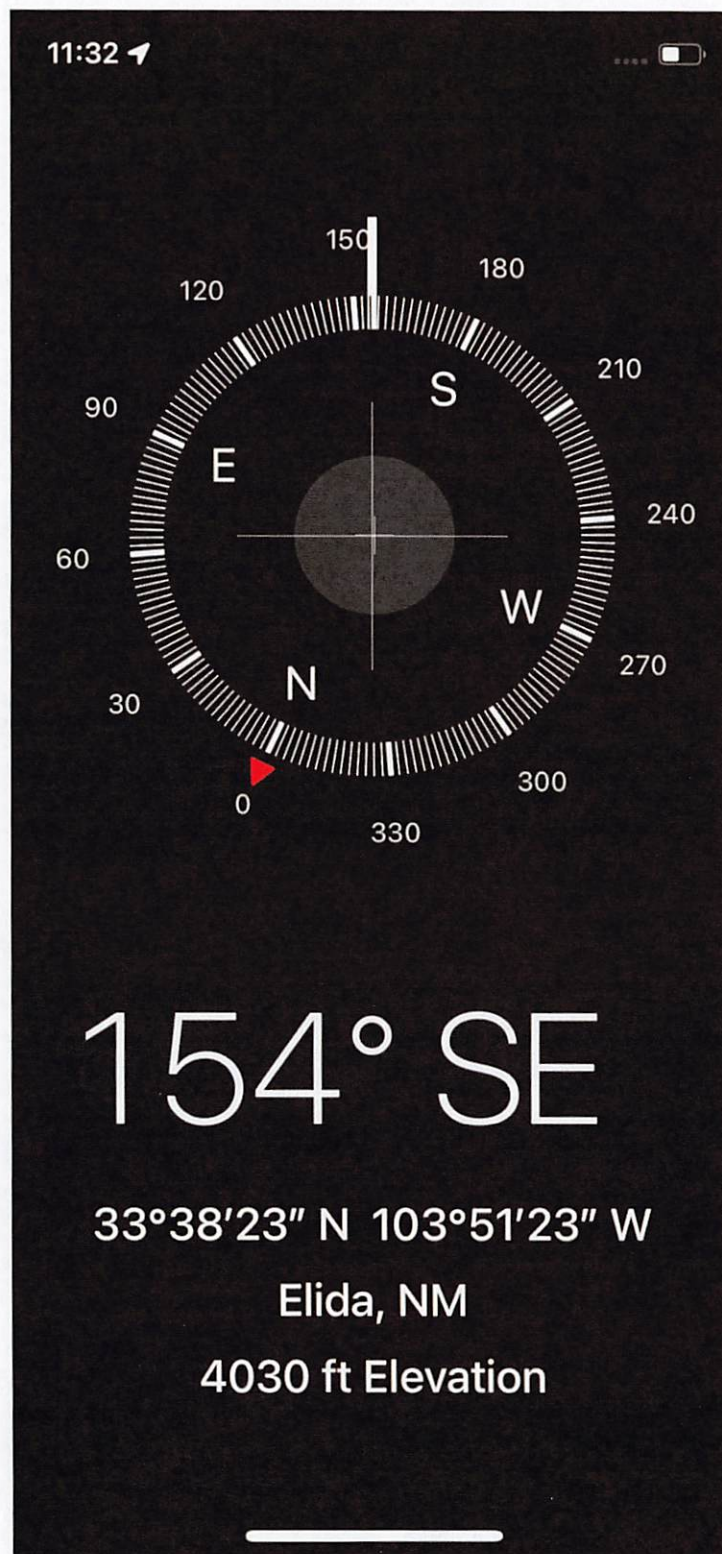
Production Casing

4.5" 9.5# @ 3636 ft









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Santa Fe, NM 87505

CONDITIONS

Action 384648

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 384648
	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