

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

WELL API NO. 30-005-27987	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Cato San Andres Unit	
8. Well Number 546	
9. OGRID Number 248802	
10. Pool name or Wildcat Cato; San Andres	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4153	

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 ☒ Gas Well ☐ Other

2. Name of Operator
 Cano Petro of New Mexico, Inc.

3. Address of Operator
 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102

4. Well Location
 Unit Letter O 1220 feet from the S line and 2562 feet from the E line
 Section 11 Township 08S Range 30E NMPM County Chaves

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 9/10/24

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 #546

1220' FSL & 2562' FEL, Section 11, T8S, R30E

Chaves County, NM / API 30-005-27987

Work Summary:

- 6/17/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/18/21** 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 135- 7/8" slick sucker rods, 12- 7/8" guided sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. Pulled tubing hangar and found tubing parted 2' below tubing hangar. Shut-in well for the day.
- 6/21/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 4 -11/16" overshot with 2-7/8" grapple. P/U 2-7/8" tubing to top of fish at 70'. Latched onto fish and worked tubing. Worked fish free. TOOH with 3,700' of 2-7/8" tubing and mud anchor. Shut-in well for the day.
- 6/22/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 5 1/2" casing scraper and round tripped above top perforation to a depth of 3,474'. P/U 5 1/2" CR, TIH and set at 3,442'. Stung out of CR and circulated wellbore with 30 bbls of fresh water. Pressure tested 5 1/2" production casing to 800 psi in which it successfully held pressure. TOOH with tubing and L/D stinger nose. Shut-in well for the day.
- 6/23/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. Ran CBL from CR at 3,442' to surface. CBL results were sent to NMOCD office for review. P/U cementing sub. TIH with tubing to CR at 3,442'. R/U cementing

services. Pumped plug #1 from 3,442'-3,198' to cover the San Andres perforations and formation top. Spotted 9.5 ppg mud spacer from 3,198'-1,595'. PUH. R/U cementing services. Pumped plug #2 from 1,595'-933' to cover the Yates and Rustler formation tops. Spotted 9.5 ppg mud spacer from 933'-615'. PUH. R/U cementing services. Pumped plug #3 from 615'-surface to cover the surface casing shoe. L/D remaining tubing to surface. N/D BOP. Performed wellhead cut-off. Cement was at surface in 5 ½" production casing. Ran weighted tally tape down surface casing annulus and tagged cement 100' down. Ran ¾" poly pipe down 100' in surface casing annulus. R/U cementing services. Topped-off surface casing annulus with 15 sx of cement. 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 3,442'-3,198', 25 Sacks Class C Cement)

Mixed 25 sx Class C cement and spotted a balanced plug to cover the San Andres perforations and formation top.

Plug #2:(Yates and Rustler Formation Tops 1,595'-933', 73 Sacks Class C Cement)

Mixed 73 sx Class C cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

Plug #3: (Surface Casing Shoe 615'-Surface, 80 Sacks Class C Cement(15 sx for top-off))

Pumped plug #3 from 615'-surface to cover the surface casing shoe. L/D remaining tubing to surface. N/D BOP. Performed wellhead cut-off. Cement was at surface in 5 ½" production casing. Ran weighted tally tape down surface casing annulus and tagged cement 100' down. Ran ¾" poly pipe down 100' in surface casing annulus. R/U cementing services. Topped-off surface casing annulus with 15 sx of cement. 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.

Wellbore Diagram

Cato San Andres Unit #546
API #: 30-005-27987
Chaves County, New Mexico

Plug 3

615 feet - Surface
615 feet plug
80 sacks of Class C Cement
15 sacks for top-off

Plug 2

1595 feet - 933 feet
662 feet plug
73 sacks of Class C Cement

Plug 1

3442 feet - 3198 feet
244 feet plug
25 sacks of Class C Cement

Surface Casing

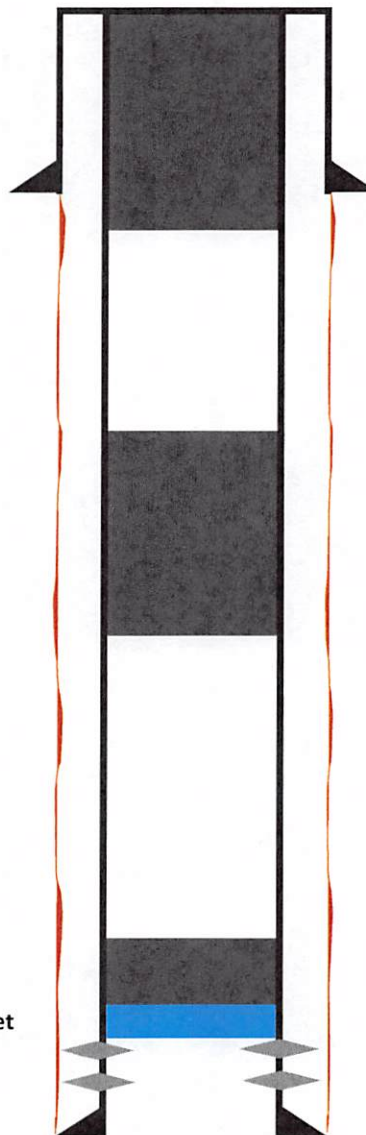
8.625" 24# @ 565 ft

Formation

Rustler - 1072 ft
Yates - 1545 ft

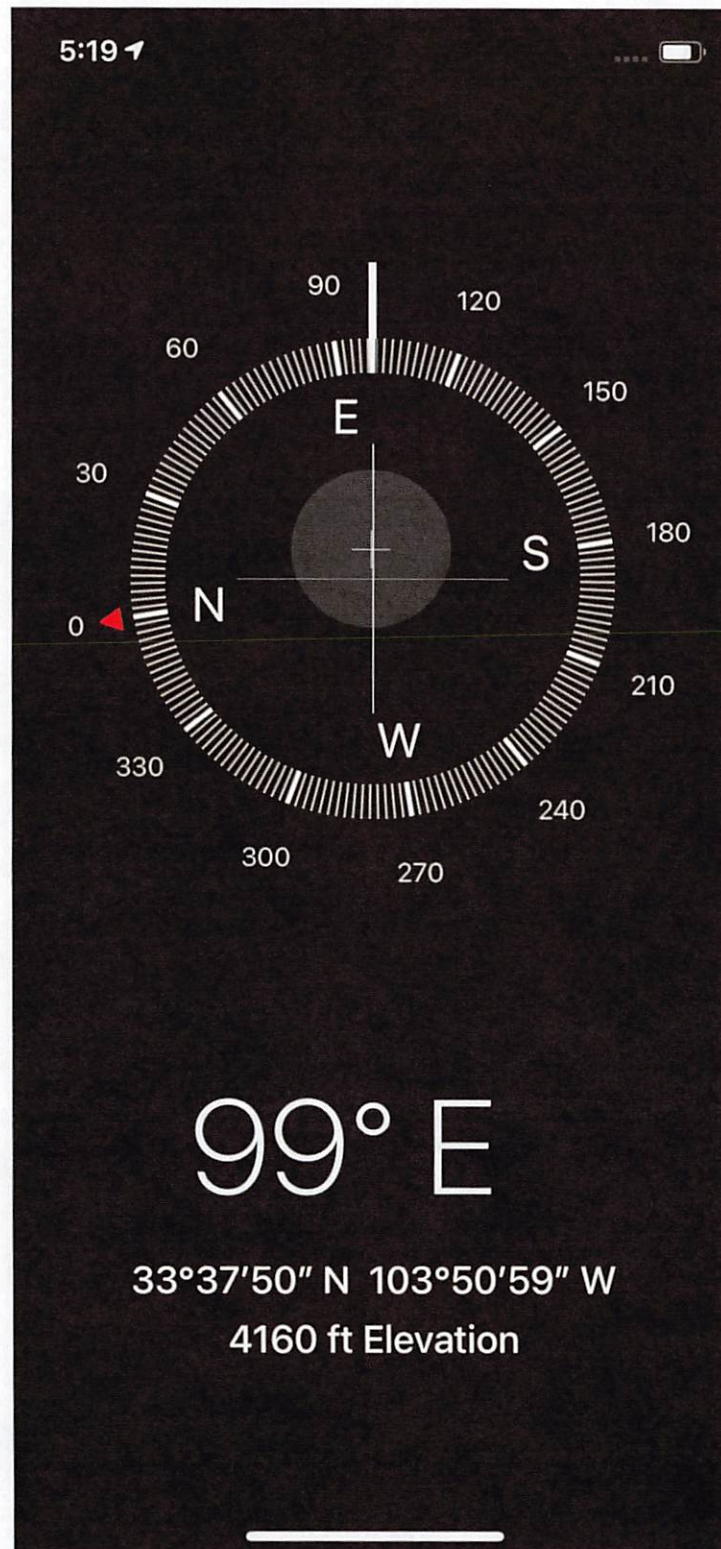
Retainer @ 3442 feet

Production Casing
5.5" 15.5# @ 4003 ft









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CONDITIONS

Action 382131

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 382131
	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