

Submit 1 Copy To Appropriate District Office  
 District I – (575) 393-6161  
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 811 S. First St., Artesia, NM 88210  
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 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. 30-005-20032
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>K</u> 1980 feet from the <u>S</u> line and 1980 feet from the <u>W</u> line Section <u>16</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number <u>103</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4118		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 documentation below.

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 8/21/24

Type or print name: Ethan Wakefield

E-mail address: e.wakefield@dwsrigns.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 #103**

1980' FSL & 1980' FWL, Section 16, T8S, R30E

Chaves County, NM / API 30-005-20032

#### **Work Summary:**

- 2/1/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 2/2/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Attempted to un-set packer and pull tubing that was sticking 10' high out of wellbore. Turned half a turn with pipe wrench to un-set packer. L/D production tubing. L/D 31 joints of tubing. The 32<sup>nd</sup> joint came out in half and had been twisted off in the past. A call was made to Kerry Fortner and the decision was made to R/D and move to the Cato San Andres Unit #104. R/D and MOL. Shut-in well for the day.
- 3/2/21** MOL and R/U P&A rig. Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead and worked on breaking out stripping rubber hangar in wellhead. Unable to break wellhead bolts off of surface casing flange. Welder will work on wellhead on 3/3/21. Shut-in well for the day.
- 3/3/21** Checked well pressures: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U welder to cut bolts off of surface casing. Cut bolts off of surface casing and attempted to pull wellhead. Was unable to cut out stripping rubber hangar in wellhead. Down hole tools were able to be run down hole so hangar was left in wellhead. N/U BOP and function tested. P/U casing scraper and TIH to 525' where casing scraper tagged up. TOOH and L/D casing scraper. Kerry Fortner approved to set a packer above surface casing shoe and attempting to establish rate to pump 100% excess from EOT depth at 413' to top perforation depth at 3,292'. P/U 1 joint of tubing, 4 ½" packer, and 12

additional joints of tubing to an EOT depth of 413'. Top filled wellbore above packer with 3.2 bbls of fresh water. Established injection rate below packer with 25 bbls of fresh water. Circulation started coming from Bradenhead so Bradenhead was shut-in. Once Bradenhead was shut-in an injection rate of 2 bpm at 200 psi was established below packer. Circulation started coming out of ground near rig. Stopped pumping water. Kerry Fortner approved setting a balanced plug from TOF at 500' to surface. P/U and M/U mule shoe sub. TIH and tagged up at 485' which was a higher tag depth than the casing scraper tag depth. Kerry Fortner requested to attempt to get deeper in wellbore with mule shoe sub. TOOH and L/D mule shoe sub. Move rig pump, pit, and power swivel to location. R/U pump, pit, and power swivel. Shut-in well for the day.

**3/4/21** Checked well pressures: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U and M/U mule shoe sub. TIH to 485'. R/U power swivel. Established circulation and started working down wellbore. Circulation started coming out of the ground. R/U water truck to suck off water being circulated to surface. Worked tubing down to 509' and tagged up. PUH to 478' and waited an hour. RIH and tagged up again at 509'. Kerry Fortner approved pumping surface plug from 450' to surface. R/D power swivel. R/U cementing services. Successfully circulated cement down tubing to 450' and around backside of surface casing and back around and out Bradenhead valve at surface. There were no cement returns out of surface casing annulus. WOC overnight. Shut-in well for the day.

**3/5/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with 6 joints of tubing and tagged surface plug top at 183'. R/U cementing services. Successfully established circulation in production casing with 2 bbls of water. Successfully circulated 14 sx of cement in production casing back to surface. L/D tubing to surface. Topped-off surface casing with 50 sx of cement. N/D BOP. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing and 4 1/2" production casing. Installed P&A marker and plate per NMOC regulations. Photographed the P&A marker in place and recorded it's location via GPS coordinates. R/D and MOL. 32 joints of tubing were left on location.

#### **Plug Summary:**

**Plug #1: (Surface Casing Shoe 450'-Surface, 231 Sacks(64 sacks for top-off) Class C Cement)**

Kerry Fortner approved pumping surface plug from 450' to surface. R/D power swivel. R/U cementing services. Successfully circulated cement down tubing to 450' and around backside of surface casing

and back around and out Bradenhead valve at surface. There were no cement returns out of surface casing annulus. WOC overnight. TIH with 6 joints of tubing and tagged surface plug top at 183'. R/U cementing services. Successfully established circulation in production casing with 2 bbls of water. Successfully circulated 14 sx of cement in production casing back to surface. L/D tubing to surface. Topped-off surface casing with 50 sx of cement. N/D BOP. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing and 4 1/2" production casing. Installed P&A marker and plate per NMOCD regulations. Photographed the P&A marker in place and recorded it's location via GPS coordinates. R/D and MOL.

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## Wellbore Diagram

Cato San Andres Unit #103

API #: 30-005-20032

Chaves County, New Mexico

### Plug 3

450 feet - Surface

450 feet plug

231 sacks of Class C Cement

64 for top-off

### Surface Casing

8.625" 20# @ 451 ft

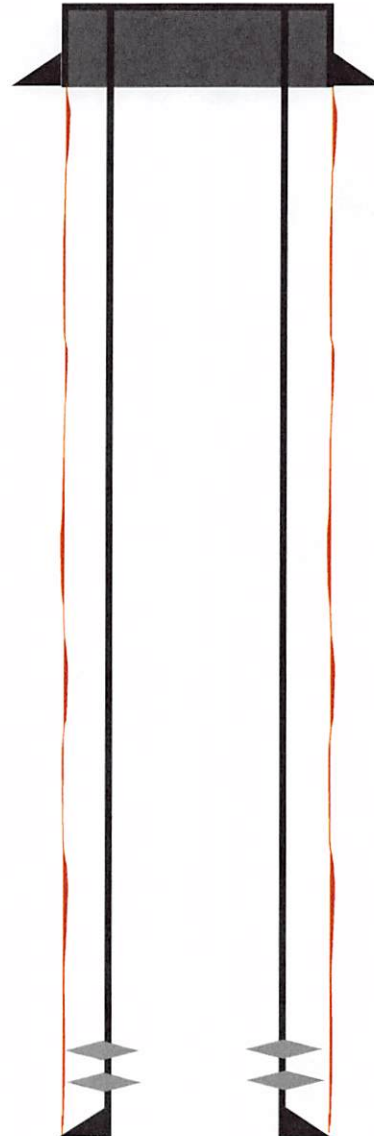
### Formation

Rustler - 1072 ft

Yates - 1545 ft

### Production Casing

4.5" 9.5# @ 3497 ft















144° SE

33°37'5" N 103°53'15" W



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
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Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 401365

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 401365
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	11/21/2024