

Submit One Copy To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised November 3, 2011

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-005-20002
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 96
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres

**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 E : 1980 feet from the N line and 660 feet from the W line  
Section 16 Township 08S Range 30E NMPM \_\_\_\_\_ County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4118

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p><b>NOTICE OF INTENTION TO:</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> <b>P AND A</b> <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/> PNR <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Location is ready for OCD inspection after P&amp;A</p>
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- All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan.
- Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned.
- A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the

**OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. ALL INFORMATION HAS BEEN WELDED OR PERMANENTLY STAMPED ON THE MARKER'S SURFACE.**

- The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
- Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
- If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
- All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
- All other environmental concerns have been addressed as per OCD rules.
- Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.
- If this is a one-well lease or last remaining well on lease: all electrical service poles and lines have been removed from lease and well location, except for utility's distribution infrastructure.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE Drake Mculloch TITLE Authorized Representative DATE 2/26/21

TYPE OR PRINT NAME Drake Mculloch E-MAIL: drake@dwsrign.com PHONE (505) 320-1180

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 3/8/22

575-263-6633

Perforate and Squeeze Rustler and Yates Formation Tops  
Perforate Surface Casing Shoe  
Minimum Plug volume to be pumped 25 sx

## **Cano Petro Inc./NMOCD OWP**

### **Plug And Abandonment End Of Well Report**

#### **Cato San Andres Unit #96**

1980' FNL & 660' FWL, Section 16, T8S, R30E

Chaves County, NM / API 30-005-20002

#### **Work Summary:**

- 2/23/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 2/24/21** MOL and R/U P&A rig. Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/U BOP and function tested. P/U and M/U mule shoe sub. TIH and tagged up at 970'. Worked down to 1,010' but could not work mule shoe sub down any further. TOO H and L/D mule shoe sub. Kerry Fortner approved to TIH and set packer above 1,010' and pump cement to account for wellbore volume from 900' to perforations with 100% excess. P/U 1 joint of tubing, 4.5" packer, and additional tubing to a EOT depth of 888' with packer set at 857'. R/U cementing services. Successfully established circulation below packer. Pumped plug #1 from 3,274'-900' to cover the San Andres perforations and formation top, Yates, and Rustler formation tops. WOC overnight. Release packer and TOO H. Shut-in well for the day.
- 2/25/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 827'. Loaded wellbore with 16 bbls of fresh water. Attempted to pressure test production casing but circulation started coming out of Bradenhead. Kerry Fortner with NMOCD requested to perforate squeeze holes at 491'. TOO H with tubing. R/U wireline services. RIH and perforated squeeze holes at 491'. TIH with 16 joints of tubing to a EOT depth of 509'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Pumped surface plug with 267 sx Class C cement. During pumping circulation to the Bradenhead was lost.

NMOCD requested to WOC and tag surface plug since circulation was lost. WOC 4 hours. TIH and tagged surface plug at perforation depth of 491'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing through perforations at 491' and back around and out Bradenhead valve at surface. WOC overnight. Shut-in well for the day.

**2/26/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 1 joint of tubing and tagged cement 17' down in 4.5" production casing. N/D BOP. R/D P&A rig. Performed wellhead cut-off. Cement was 5' down in 8-5/8" surface casing. Kerry Fortner with NMOCD approved installing P&A marker and plate. 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, Yates/Rustler Formation Tops 3,274'-827', 267 Sacks Class C Cement)**

Kerry Fortner approved to TIH and set packer above 1,010' and pump cement to account for wellbore volume from 900' to perforations with 100% excess. P/U 1 joint of tubing, 4.5" packer, and additional tubing to a EOT depth of 888' with packer set at 857'. R/U cementing services. Successfully established circulation below packer. Pumped plug #1 from 3,274'-900' to cover the San Andres perforations and formation top, Yates, and Rustler formation tops.

#### **Plug #2: (Surface Casing Shoe 509'-Surface, 404 Sacks(Re-pumped 137 sacks) Class C Cement)**

Kerry Fortner with NMOCD requested to perforate squeeze holes at 491'. TOOHS with tubing. R/U wireline services. RIH and perforated squeeze holes at 491'. TIH with 16 joints of tubing to a EOT depth of 509'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Pumped surface plug with 267 sx Class C cement. During pumping circulation to the Bradenhead was lost. NMOCD requested to WOC and tag surface plug since circulation was lost. WOC 4 hours. TIH and tagged surface plug at perforation depth of 491'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing through perforations at 491' and back around and out

Bradenhead valve at surface. P/U 1 joint of tubing and tagged cement 17' down in 4.5" production casing. N/D BOP. R/D P&A rig. Performed wellhead cut-off. Cement was 5' down in 8-5/8" surface casing. Kerry Fortner with NMOCD approved installing P&A marker and plate. Installed P&A marker and plate per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates.

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## Wellbore Diagram

Cato San Andres Unit #096

API #: 30-005-20002

Chaves County, New Mexico

### Plug 2

509 feet - Surface

509 feet plug

404 sacks of Class C Cement

137 sacks re-pumped

### Plug 1

3274 feet - 827 feet

2447 feet plug

267 sacks of Class C Cement

### Surface Casing

8.625" 20# @ 441 ft

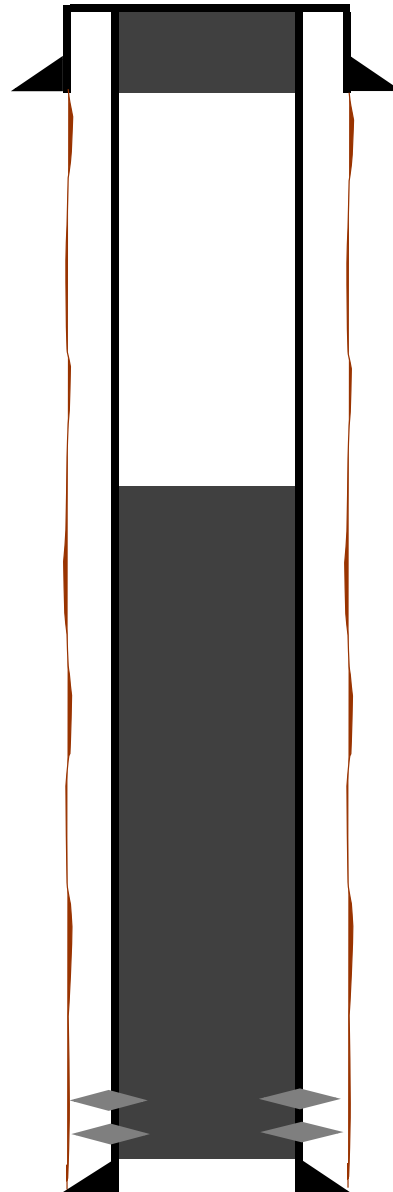
### Formation

Rustler - 1072 ft

Yates - 1545 ft

### Production Casing

4.5" 9.5# @ 3597 ft





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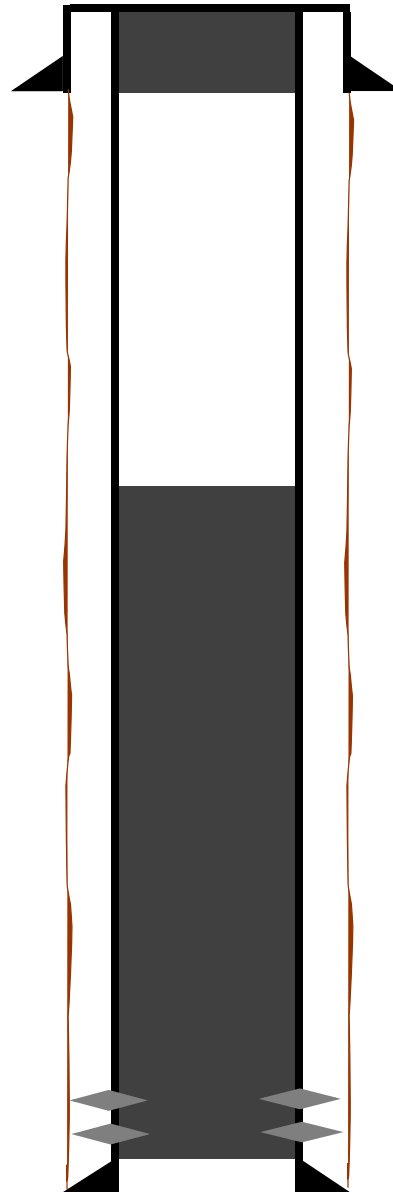
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**District III**  
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 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
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 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 19383

**CONDITIONS**

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 19383
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
jgriswold	None	12/29/2021