

Submit a 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. 30-005-20033
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 105
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4131

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"/>	
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 <u>I</u> 1980 feet from the <u>S</u> line and 660 feet from the <u>E</u> line Section <u>16</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4131	

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"/>	PNR <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 plans to plug this well in accordance with the attached procedure and any agreed modifications thereto.

ESTIMATED START DATE 1/25/21

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 Drake McCulloch TITLE Authorized Representative DATE 1/21/20

Type or print name Drake McCulloch E-mail address: [drake@dwsrigs.com](mailto:drake@dwsrigs.com) PHONE: 505 320 1180

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/8/21

Conditions of Approval (if any)

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

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

#### **Cato San Andres Unit #105**

1980' FSL & 660' FEL, Section 16, T8S, R30E

Chaves County, NM / API 30-005-20033

#### **Work Summary:**

- 2/9/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 2/10/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/U BOP and function tested. M/U bit and drill collars. Tallied in the wellbore to a depth of 400'. Shut-in well for the day.
- 2/11/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged obstruction at 460'. Circulated wellbore with 30 bbls of fresh water. Once circulation was established the wellhead bull plug was found to be cracked. Welder was called and wellhead was fixed. Circulation was established again with 50 bbls of fresh water. Started washing down wellbore and circulation was being lost at a rate of 6 bbls every 10 minutes. Washed down to 495' and started tagging up and losing circulation. TOOH and drained up equipment. Shut-in well for the day.
- 2/18/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Spot in and thaw out pumping equipment to spot LCM plug to stop lost circulation. Mixed and pumped 12 bbls of 40 viscosity, 20% LCM at 460'. TOOH with tubing and drill collars. L/D bit sub and bit. Shut-in well for the day.
- 2/19/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U and M/U bit, bit sub, and 2 drill collars. TIH with 11 joints of tubing. R/U power swivel. P/U 2 joints of tubing and tagged up at 467'. Circulated the well and drilled down to 532'. While

drilling water was continuing to be lost while circulating. The returns at the pit while drilling were nothing but sand. A call was made to the NMOCD and it was decided to plug the well back to surface. Once the well is plugged back to surface the wellhead will not be cut-off until further approval. Shut-in well for the day.

**2/20/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with tubing to 503'. R/U cementing services. Successfully established circulation down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. L/D tubing. N/D BOP. R/D P&A rig and MOL.

**2/26/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was at surface in 4.5" production casing. Ran weighted tally tape down surface casing to 150' and did not tag cement. Ran 1" poly pipe down surface casing to 150'. R/U cementing services. Topped-off surface casing from 150' to surface with 29 sx Class C cement. Installed P&A marker and plate per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. R/D and MOL.

#### **Plug Summary:**

##### **Plug #1: (Surface Casing Shoe 503'-Surface, 141 Sacks(29 sacks for top-off) Class C Cement)**

TIH with tubing to 503'. R/U cementing services. Successfully established circulation down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing and around backside of surface casing and back around and out Bradenhead valve at surface. L/D tubing. N/D BOP. R/D P&A rig and MOL. Performed wellhead cut-off. Cement was at surface in 4.5" production casing. Ran weighted tally tape down surface casing to 150' and did not tag cement. Ran 1" poly pipe down surface casing to 150'. R/U cementing services. Topped-off surface casing from 150' to surface with 29 sx Class C cement. 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 #105

API #: 30-005-20033

Chaves County, New Mexico

### Plug 3

503 feet - Surface

503 feet plug

141 sacks of Class C Cement

29 sacks for top-off

### Surface Casing

8.625" 20# @ 453 ft

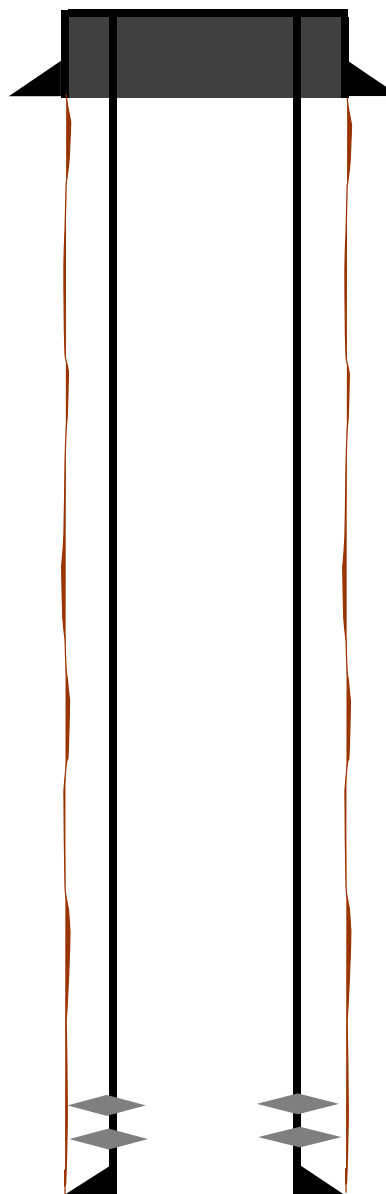
### Formation

Rustler - 1072 ft

Yates - 1545 ft

### Production Casing

4.5" 9.5# @ 3560 ft



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**Oil Conservation Division**  
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**Santa Fe, NM 87505**

CONDITIONS  
  
Action 20686

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 20686
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	7/8/2021