

Submit Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
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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. 30-005-20040
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Cato San Andres Unit
8. Well Number 104
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4122

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 [X] 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 J 1980 feet from the S line and 1980 feet from the E line
Section 16 Township 08S Range 30E NMPM County Chaves
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4122

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 [X]
CASING/CEMENT JOB [ ] PNR
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.

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 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 #104**

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

Chaves County, NM / API 30-005-20040

#### **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. N/U BOP. Shut-in well for the day.
- 2/3/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Function tested BOP. M/U bit and casing scraper. P/U work string and tallied in the wellbore to a depth of 500'. At 500' the bit and casing scraper tagged up. The bit and casing scraper was worked up and down in wellbore attempting to make more progress down hole. After no progress was made bit and scraper were TOOH to be inspected. Upon inspection bit appeared to have red clay on it but no metal impressions or indications of scale. A call to Kerry Fortner was made and it was decided to rig down and move to the Cato San Andres Unit #105. R/D and MOL.
- 2/8/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U bit and 3" drill collars. P/U work string and tallied in the wellbore to a depth of 500'. R/U power swivel. Successfully established circulation with 31 bbls of fresh water, wellbore capacity was 8 bbls. Once circulation was established swivel immediately torqued up and got stuck when attempting to make progress down hole. Worked pipe free. Attempted a second time to make progress down hole but had the same result and got stuck. Circulation was successfully established out of Bradenhead. TOOH with work string and drilling BHA. Shut-in well for the day.

- 2/9/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. NMOCD engineer Brandon Powell approved starting cementing operations at the surface casing shoe at 500' based on no progress being made down hole and circulation established around the Bradenhead. TIH with tubing to 500'. R/U cementing services. Successfully established circulation down tubing to 500' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing to 500' and back around and out Bradenhead valve at surface. N/D BOP and R/D P&A rig. Wellhead was left shut-in overnight to WOC.
- 2/10/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing. Ran weighted tally tape down 4 1/2" production casing and tagged cement 30' down. Ran 3/4" poly pipe 30' down in 4 1/2" production casing. R/U cementing services. Topped-off well with 12 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. R/D and MOL.

**Plug Summary:****Plug #1: (Surface Casing Shoe 500'-Surface, 187 Sacks(12 sacks for top-off) Class C Cement)**

TIH with tubing to 500'. R/U cementing services. Successfully established circulation down tubing to 500' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing to 500' and back around and out Bradenhead valve at surface. N/D BOP and R/D P&A rig. Wellhead was left shut-in overnight to WOC. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing. Ran weighted tally tape down 4 1/2" production casing and tagged cement 30' down. Ran 3/4" poly pipe 30' down in 4 1/2" production casing. R/U cementing services. Topped-off well with 12 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.

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## Wellbore Diagram

Cato San Andres Unit #104

API #: 30-005-20040

Chaves County, New Mexico

### Plug 1

500 feet - Surface  
500 feet plug  
187 sacks of Class C Cement  
12 sacks for top-off

### Surface Casing

8.625" 20# @ 452 ft

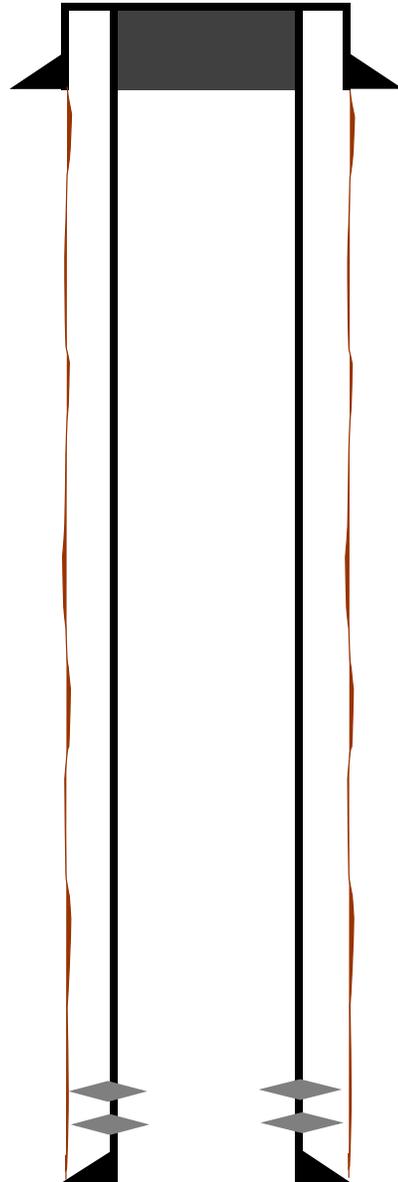
### Formation

Rustler - 1072 ft

Yates - 1545 ft

### Production Casing

4.5" 9.5# @ 3540 ft



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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 20684

**CONDITIONS**

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 20684
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

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