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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-005-20039

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Cato San Andres Unit

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 102

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

9. OGRID Number 330485

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

10. Pool name or Wildcat: Cato; San Andres

4. Well Location
Unit Letter L 1980 feet from the S 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.)* 4114

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☒
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:	☐		

PNR

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 2/25/21

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 Dl McCulloch TITLE Authorized Representative DATE 2/15/21

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 #102

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

Chaves County, NM / API 30-005-20039

Work Summary:

2/20/21 Made NMOCD P&A operations notifications at 9:00 AM MST.

2/20/21 MOL and R/U P&A rig. Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U casing scraper and work string and tallied in the wellbore to a depth of 1,540' where casing scraper tagged up solid. Attempted to work through tight spot without any progress made. PUH to 1,384'. Shut-in well for the day.

2/21/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TOOH and L/D casing scraper. P/U and M/U tag sub. TIH and attempted to get deeper in wellbore with just tubing and tag sub but tagged up at the same depth of 1,540'. TOOH. Shut-in well for the day. Wait on orders from NMOCD on how to proceed.

2/22/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U and M/U mule shoe sub. TIH and attempted to get deeper than previous attempt at 1,540' but tagged up at the same depth. TOOH and L/D mule shoe sub. N/U BOP and function tested. P/U 1 joint of tubing, 4.5" packer, and 44 additional joints of tubing with an EOT depth of 1,430'. Set packer and loaded wellbore with 14.5 bbls of fresh water. Wellbore pressured up to 1000 psi before breaking down and establishing an injection rate below packer at 2.8 bpm at 80 psi. NMOCD approved pumping plug with EOT at 1,430' which accounted for 100% excess wellbore volume from EOT to San Andres perforations. R/U cementing services. Pumped plug #1 from EOT at 1,430' from 3,268'-1,492' to cover the San Andres perforations and formation top and Yates formation top.

After pumping 75 sx circulation was established out of surface casing. Surface casing was shut-in for the rest of the pumping of plug #1. WOC overnight. Shut-in well for the day.

2/23/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U and M/U tagging sub. TIH to tag plug #1 top but tagged up at 1,540' which was the same depth that was tagged prior to pumping plug #1. TOOH and L/D tagging sub. Kerry Fortner requested pumping another 200 sx at 1,540' if injection rate could be established. P/U and M/U 1 joint of tubing, 4.5" packer, and 44 additional joints of tubing to an EOT depth of 1,430'. Set packer and loaded wellbore above packer with 15 bbls of fresh water. R/U cementing services. Successfully established injection rate underneath packer with 15 bbls of fresh water at a rate of 2.8 bpm at 80 psi. Re-pumped plug #1 with 144 sx of Class C cement. Once 144 sx had been pumped wellbore locked up at 1100 psi. Released packer. TOOH and L/D packer. WOC 4 hours. TIH and tagged plug #1 top at 1,302'. Circulated wellbore with 22 bbls of fresh water and pressure tested production casing to 500 psi for 15 minuted in which it successfully held pressure. Spotted 9.5 ppg mud spacer from 1,302'-1,072'. L/D 16 joints of tubing. TOOH with 25 joints of tubing. R/U wireline services. Ran CBL from 1,280' to surface. CBL results were sent to NMOCD office for review. NMOCD requested perforations be made at 1,072'. RIH and perforated squeeze holes at 1,072'. Successfully established injection rate into perforations at 1,072'. RIH and perforated squeeze holes at 430'. Successfully established circulation down casing through perforations at 430' and back around and out Bradenhead valve at surface. P/U and M/U 1 joint of tubing, 4.5" packer, and 18 additional joints of tubing to an EOT depth of 602'. R/U cementing services. Pumped plug #2 from 1,072'-716' to cover the Rustler formation top. WOC overnight. Released packer and TOOH. Shut-in well for the day.

2/24/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 592'. TOOH and L/D tubing to 509'. R/U cementing services. Successfully established circulation with 22 bbls of fresh water down tubing through perforations at 430' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing through perforations at 430' and back around and out Bradenhead valve at surface. L/D remaining tubing. Wash up and N/D BOP. R/D and MOL. Wellhead cut-off/P&A marker install to be performed 2/26/21.

2/26/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was at surface in 4.5" production casing and 1.5' 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 Formation Top 3,268'-1,302', 400 Sacks Class C Cement(Re-pumped 144 sx))

Kerry Fortner with NMOCD approved pumping plug with EOT at 1,430' which accounted for 100% excess wellbore volume from EOT to San Andres perforations. R/U cementing services. Pumped plug #1 from EOT at 1,430' to cover from 3,268'-1,492' to cover the San Andres perforations and formation top and Yates formation top. After pumping 75 sx circulation was established out of surface casing. Surface casing was shut-in for the rest of the pumping of plug #1. WOC overnight. TIH to tag plug #1 top but tagged up at 1,540' which was the same depth that was tagged prior to pumping plug #1. TOOH and L/D tagging sub. Kerry Fortner requested pumping another 200 sx at 1,540' if injection rate could be established. P/U and M/U 1 joint of tubing, 4.5" packer, and 44 additional joints of tubing to an EOT depth of 1,430'. Set packer and loaded wellbore above packer with 15 bbls of fresh water. R/U cementing services. Successfully established injection rate underneath packer with 15 bbls of fresh water at a rate of 2.8 bpm at 80 psi. Re-pumped plug #1 with 144 sx of Class C cement. Once 144 sx had been pumped wellbore locked up at 1100 psi. Released packer. TOOH and L/D packer. WOC 4 hours. TIH and tagged plug #1 top at 1,302'.

Plug #2:(Rustler Formation Top 1,072'-592', 50 Sacks Class C Cement(Squeezed 25 sx))

RIH and perforated squeeze holes at 1,072'. Successfully established injection rate into perforations at 1,072'. P/U and M/U 1 joint of tubing, 4.5" packer, and 18 additional joints of tubing to an EOT depth of 602'. R/U cementing services. Pumped plug #2 from 1,072'-716' to cover the Rustler formation top. WOC overnight. TIH and tagged plug #2 top at 592'.

Plug #3: (Surface Casing Shoe 509'-Surface, 167 Sacks Class C Cement)

RIH and perforated squeeze holes at 430'. Successfully established circulation with 22 bbls of fresh water down tubing through perforations at 430' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing through

perforations at 430’ and back around and out Bradenhead valve at surface. Performed wellhead cut-off. Cement was at surface in 4.5” production casing and 1.5’ 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.

Wellbore Diagram

Cato San Andres Unit #102
API #: 30-005-20039
Chaves County, New Mexico

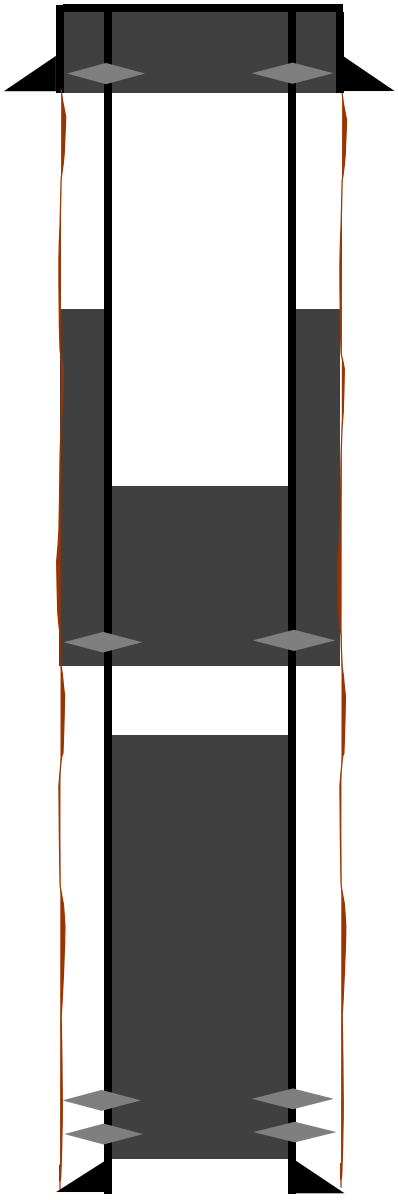
Plug 3
509 feet - Surface
509 feet plug
167 sacks of Class C Cement

Plug 2
1072 feet - 592 feet
480 feet plug
50 sacks of Class C Cement
25 sacks squeezed

Plug 1
3268 feet - 1302 feet
1966 feet plug
400 sacks of Class C Cement
144 sacks re-pumped

Surface Casing
8.625" 20# @ 457 ft

Formation
Rustler - 1072 ft
Yates - 1545 ft



Production Casing
4.5" 9.5# @ 3500 ft

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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 20682

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 20682
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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