

State of New Mexico
Energy, Minerals and Natural ResourcesForm C-105
Revised July 18, 2013Office
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
87505OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-005-20069	
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 021	
9. OGRID Number 330485	
10. Pool name or Wildcat Cato; San Andres	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4124	

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 761024. Well Location
Unit Letter C 660 feet from the N line and 1980 feet from the W line
Section 11 Township 08S Range 30E NMPM County Chaves

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.

NMOCD plugged well according to attached EOW report and plugged WBD.

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 5/17/22Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180**For State Use Only**

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #021

660' FNL & 1980' FWL, Section 11, T8S, R30E

Chaves County, NM / API 30-005-20069

Work Summary:

- 5/12/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/13/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Worked stuck tubing free. L/D 103 joints of 2-3/8" tubing. Secured and shut-in well for the day.
- 5/14/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 4 1/2" casing scraper and work string and round tripped above top perforation to a depth of 3,383'. P/U 4 1/2" CR, TIH and set at 3,331'. Stung out of CR. R/U cementing services. Circulated wellbore clean with 60 bbls of fresh water. TOOH. R/U wireline services. Ran CBL from CR at 3,331' to surface. CBL results were sent to NMOCD office for review. P/U packer, TIH and set at 90'. Welder patched up 4 1/2" casing near surface. Secured and shut-in well for the day.
- 5/15/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to a depth of 3,331' where CR had been set. CR was tagged at 3,374' indicating CR had not set sufficiently inside casing and had fallen 43'. NMOCD requested to start plugging at CR depth of 3,374'. R/U cementing services. Pumped plug #1 from 3,374'-2,957' to cover the San Andres perforations and formation top. L/D tubing up to next plug depth. TOOH with remaining tubing. WOC 4 hours. TIH and tagged plug #1 top at 3,075'. R/U cementing services. Pressure tested production casing to 500 psi in which it

successfully to held pressure. Re-pumped plug #1 from 3,075'-2,925' to cover the San Andres perforations and formation top. WOC 4 hours. TIH and tagged plug #1 top at 2,890'. Spotted 9.5 ppg mud spacer from 2,890'-1,595'. L/D tubing up to next plug depth. TOOH with remaining tubing. Secured and shut-in well for the day.

5/16/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to 1,598'. R/U cementing services. Pumped plug #2 from 1,598'-860' to cover the Yates and Rustler formation tops. Spotted 9.5 ppg mud spacer from 860'-511'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 511'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 511' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½" production casing through perforations at 511' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Secured and shut-in well for the day.

5/23/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in both the 8-5/8" surface casing annulus and 4 ½" production casing. Installed subsurface P&A marker 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 3,374'-2,890', 40 Sacks Type III Cement(Re-pumped 10 sx))

Mixed 40 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top. Re-pumped 10 sx Type III.

Plug #2:(Yates and Rustler Formation Tops 1,598'-860', 50 Sacks Type III Cement)

Mixed 50 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

Plug #3: (Surface Casing Shoe 511'-Surface, 165 Sacks Type III Cement)

RIH and perforated squeeze holes at 511'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 511' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 ½"

production casing through perforations at 511' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in both the 8-5/8" surface casing annulus and 4 1/2" production casing. Installed subsurface P&A marker per NMOC regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.





No Service

9:39 AM



1° N

33°38'23" N 103°51'8" W

4140 ft Elevation

End of Well Wellbore Diagram

Cato San Andres Unit #021
API #: 30-005-20069
Chaves County, New Mexico

Plug 3

511 feet - Surface
511 foot plug
165 sacks of Type III Cement

Plug 2

1598 feet - 860 feet
738 foot plug
50 sacks of Type III Cement

Plug 1

3374 feet - 2890 feet
484 foot plug
40 sacks of Type III Cement
Re-pumped 10 sks type III cement

Perforations

3383 feet - 3392 feet
3403 feet - 3426 feet

Surface Casing

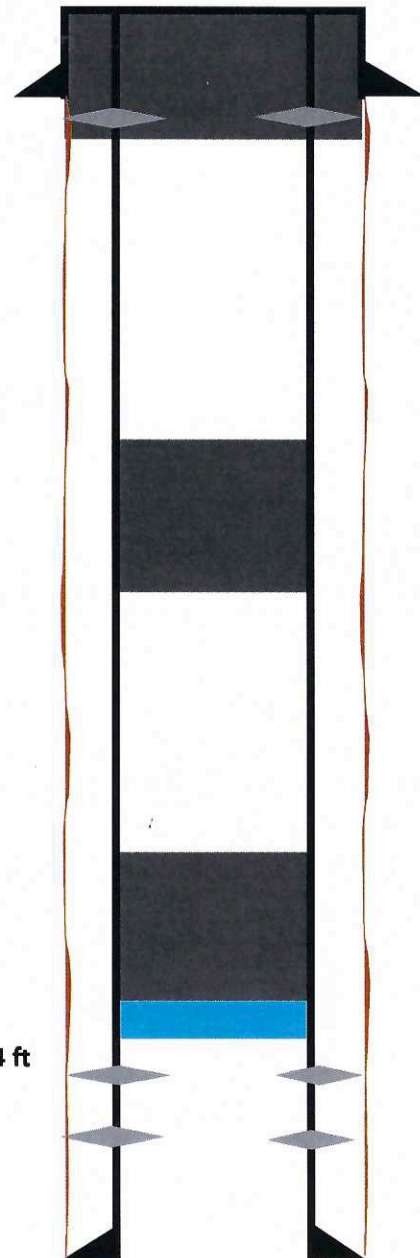
8.625" 28# @ 461 ft

Formation

Rustler - 1072 ft
Yates - 1545 ft
San Andres - 3333 ft

Retainer @ 3331 ft
Retainer fell to 3374 ft

Production Casing
4.5" 9.5# @ 3532 ft



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CONDITIONS

Action 110450

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 110450
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023