

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

Form C-103

Revised July 18, 2013

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.)		WELL API NO. 30-005-20271
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Cano Petro of New Mexico, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102		7. Lease Name or Unit Agreement Name Cato San Andres Unit
4. Well Location Unit Letter <u>L</u> <u>1650</u> feet from the <u>S</u> line and <u>330</u> feet from the <u>W</u> line Section <u>02</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number <u>005</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4115		9. OGRID Number 248802
10. Pool name or Wildcat Cato; San Andres		

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.

Please see attached report.

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: Ethan WakefieldTITLE: Authorized RepresentativeDATE 9/5/24Type or print name: Ethan WakefieldE-mail address: e.wakefield@dwsrigs.comPHONE: 405-343-7736**For State Use Only**

APPROVED BY: _____ TITLE _____ DATE _____

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #005

1650' FSL & 330' FWL, Section 2, T8S, R30E

Chaves County, NM / API 30-005-20271

Work Summary:

- 5/11/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/12/21** MOL and R/U P&A rig. Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Prepped location with backhoe. Shut-in well for the day.
- 5/13/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TOOH and L/D 115 - ¾" sucker rods, 20 - 7/8" sucker rods, and sucker rod pump. N/U BOP and function tested. TOOH and L/D 110 joints of 2-3/8" tubing. P/U casing scraper and round tripped to a depth of 3,305'. P/U CR, TIH and set at 3,294'. Stung out of CR and circulated wellbore with 60 bbls of fresh water. Pressure tested production casing to 500 psi in which it successfully held pressure. R/U cementing services. Pumped plug #1 from 3,294'-3,047' to cover the San Andres perforations and formation top. TOOH and L/D setting tool. WOC overnight. Shut-in well for the day.
- 5/14/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 3,050'. Circulated wellbore with 27 bbls of 9.5 ppg mud spacer. R/U wireline services. Ran CBL from plug #1 top at 3,050' to surface. CBL results were sent to NMOCD office for review. CBL indicated TOC at 2,560'. RIH and perforated squeeze holes at 1,595'. Successfully established injection rate into perforations at 1,595' of 1.3 bbl/min at 700 psi. P/U packer. TIH and set packer at 984' with an EOT depth of 1,080'. R/U cementing services. Pumped plug #2 from 1,595'-1,150' to cover the Yates formation top. 59 sx of cement were squeezed into perforations

at 1,595'. TOOH with tubing. WOC over the weekend. Shut-in well for the day.

5/17/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U tagging sub. TIH and tagged plug #2 top at 1,127'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 1,127'. Attempted to establish injection rate into perforations at 1,127' but was unsuccessful. Kerry Fortner approved setting a balanced plug from 1,127'-884' to cover the Rustler formation top. R/U cementing services. Pumped plug #2 from 1,127'-884' to cover the Rustler formation top. TOOH with tubing. WOC overnight. Shut-in well for the day.

5/18/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U tagging sub. TIH and tagged plug #2 top at 970'. Spotted 9.5 ppg mud spacer from 970'-450'. R/U wireline services. RIH and perforated squeeze holes at 464'. R/U cementing services. Successfully established circulation down casing through perforations at 464' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 464' and back around and out Bradenhead valve at surface. WOC 4 hours. P/U tagging sub. TIH and tagged surface plug at 25'. N/D BOP. R/U welding services. Used backhoe to dig out wellhead for cut-off. Performed wellhead cut-off. Topped-off production casing with 3 sx of cement. Cement was at surface in surface casing. Installed P&A marker and plate per NMOCDC regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL. Material left on location: 115 - 3/4" sucker rods, 20 - 7/8" sucker rods, sucker rod pump, wellhead, pumpjack

Plug Summary:

Plug #1:(San Andres Perforations and Formation Top 3,294'-3,050', 25 Sacks Class C Cement)

Mixed 25 sx Class C cement and spotted a balanced plug to cover the San Andres perforations and formation top.

Plug #2:(Yates and Rustler Formation Tops 1,595'-970', 129 Sacks Class C Cement(Squeezed 59 sx, Re-Pumped 25 sx))

RIH and perforated squeeze holes at 1,595'. Successfully established injection rate into perforations at 1,595' of 1.3 bbl/min at 700 psi. P/U packer. TIH and set packer at 984' with an EOT depth of 1,080'. R/U cementing services. Pumped plug #2 from 1,595'-1,150' to cover the Yates formation top. 59 sx of cement were squeezed into perforations at 1,595'. TOOH with tubing. WOC over the weekend.

P/U tagging sub. TIH and tagged plug #2 top at 1,127'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 1,127'. Attempted to establish injection rate into perforations at 1,127' but was unsuccessful. Kerry Fortner approved setting a balanced plug from 1,127'-884' to cover the Rustler formation top. R/U cementing services. Pumped plug #2 from 1,127'-884' to cover the Rustler formation top. TOOH with tubing. WOC overnight. P/U tagging sub. TIH and tagged plug #2 top at 970'.

Plug #3: (Surface Casing Shoe 464'-Surface, 148 Sacks, Class C Cement(Topped-Off with 3 sx))

RIH and perforated squeeze holes at 464'. R/U cementing services. Successfully established circulation down casing through perforations at 464' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 464' and back around and out Bradenhead valve at surface. WOC 4 hours. P/U tagging sub. TIH and tagged surface plug at 25'. N/D BOP. R/U welding services. Used backhoe to dig out wellhead for cut-off. Performed wellhead cut-off. Topped-off production casing with 3 sx of cement. Cement was at surface in surface casing. 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.

Wellbore Diagram

Cato San Andres Unit #005

API #: 30-005-20271

Chaves County, New Mexico

Plug 3

464 feet - Surface

464 feet plug

148 sacks of Class C Cement

3 sacks for top-off

Plug 2

1595 feet - 970 feet

625 feet plug

129 sacks of Class C Cement

59 sacks squeezed

25 sacks re-pumped

Plug 1

3294 feet - 3050 feet

244 feet plug

25 sacks of Class C Cement

Surface Casing

8.625" 24# @ 414 ft

Formation

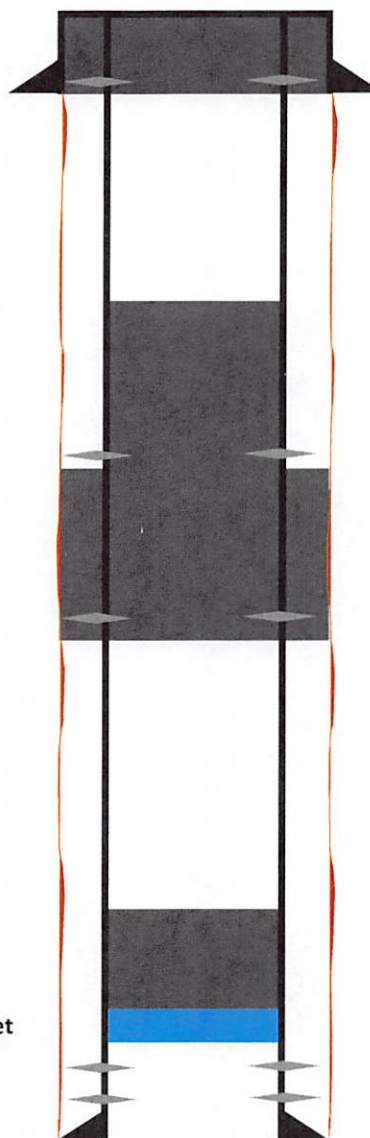
Rustler - 1072 ft

Yates - 1545 ft

Retainer @ 3294 feet

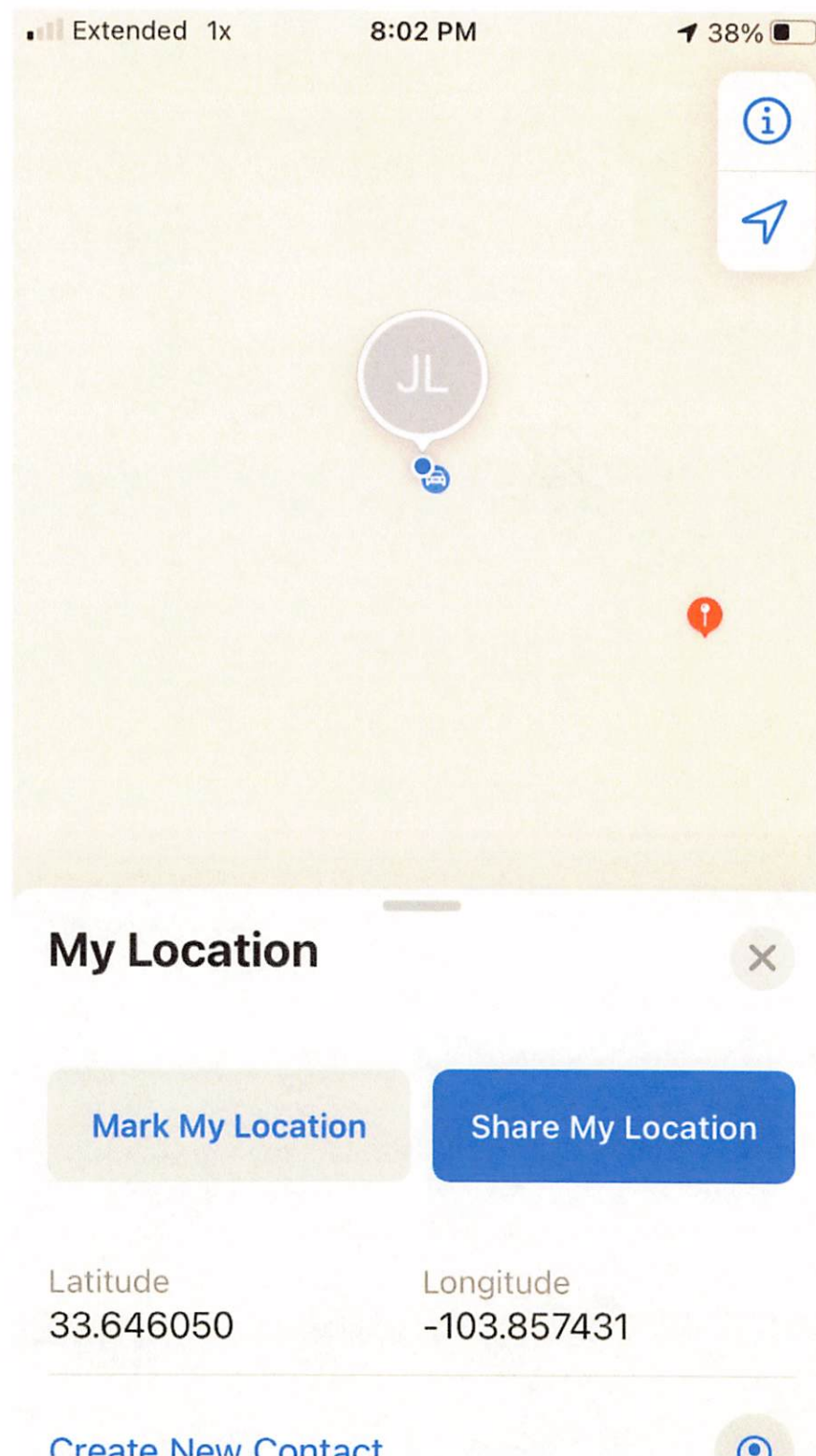
Production Casing

5.5" 15.5# @ 3489 ft









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Phone:(505) 476-3470 Fax:(505) 476-3462

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CONDITIONS

Action 381708

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 381708
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
samuel.romero	Operator must submit a C-103Q within one year from plugging date in order to perform a site inspection.	9/18/2024