

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

Form C-103

Revised July 18, 2013

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

WELL API NO. 30-005-10563
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 089
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 <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>G</u> <u>1980</u> feet from the <u>N</u> line and <u>1980</u> feet from the <u>E</u> line Section <u>15</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>
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 ☒  
 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 7/6/22

Type 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):

Accepted for record – NMOCD

JRH 05/03/2023

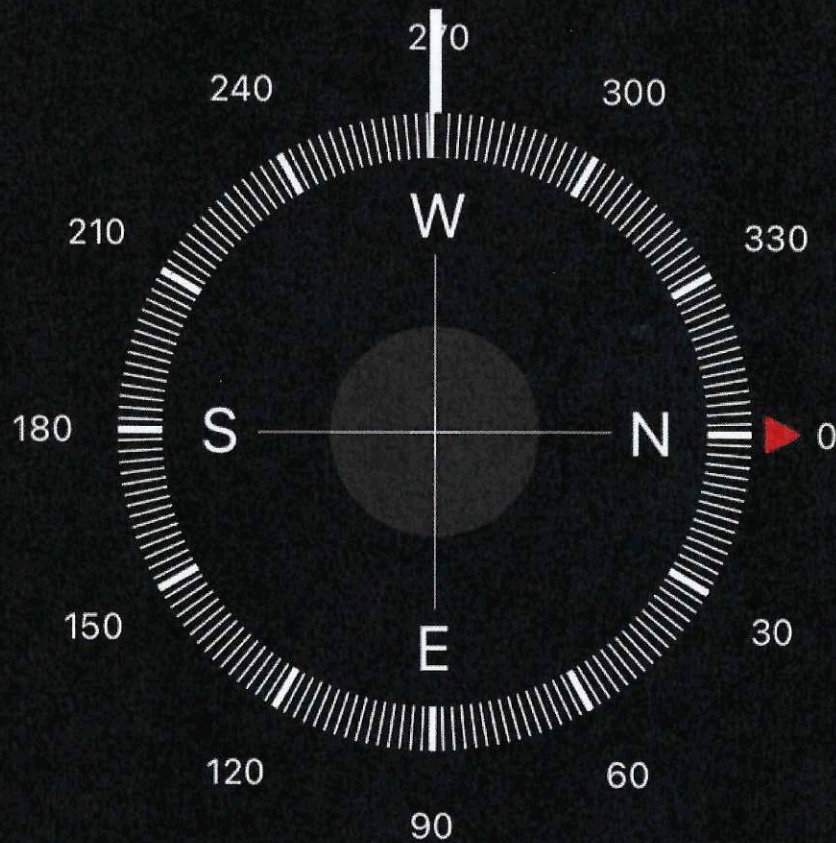








11:17



269° W

33°37'18" N 103°51'56" W

4100 ft Elevation

**Cano Petro Inc./NMOCD OWP****Plug And Abandonment End Of Well Report****Cato San Andres Unit #089**

1980' FNL &amp; 1980' FEL, Section 15, T8S, R30E

Chaves County, NM / API 30-005-10563

**Work Summary:**

- 6/24/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/25/22** 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. P/U 4 ½" casing scraper and work string and TIH to a depth of 984' where casing scraper tagged up. TOOH. P/U mule shoe sub. TIH and tagged up at 984'. TOOH. Secured and shut-in well for the day.
- 6/26/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with mule shoe sub to 984'. R/U power swivel. Attempted to drill deeper but could not make any further progress down wellbore. Waited on orders from NMOCD on how to proceed. NMOCD requested to start cementing operations at 984'. R/U cementing services. Pumped plug #1 from 984'-610' to cover the San Andres perforations and formation top and Yates and Rustler formation tops. TOOH. WOC 4 hours. TIH and tagged back at 984'. R/U cementing services. Attempted to pressure test 4 ½" production casing but it failed to hold pressure. Re-pumped plug #1 from 984'-610'. TOOH. WOC 4 hours. TIH and tagged plug #1 top at 924'. R/U cementing services. Re-pumped plug #1 from 924'-510'. TOOH. WOC overnight. Secured and shut-in well for the day.
- 6/27/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 746'. R/U cementing services. Spotted 9.5 ppg mud spacer from 746'-569'. R/U wireline services. RIH and perforated squeeze holes at 569'. R/U



cementing services. Successfully established circulation down 4 ½" production casing through perforations at 569' and back around and out Bradenhead valve at surface with fresh water. While circulating cement down 4 ½" production casing through perforations at 569' and back around and out Bradenhead valve at surface circulation was lost. Cement was displaced with fresh water down to perforations at 569'. WOC 4 hours. TIH and tagged plug #2 top at 427'. R/U wireline services. RIH and perforated squeeze holes at 407'. Successfully established circulation down 4 ½" production casing through perforations at 407' and back around and out Bradenhead valve at surface with fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 407' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

**6/30/22** 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, Yates and Rustler Formation Tops 984'-746', 75 Sacks Type III Cement(Re-pumped 50 sx))**

Mixed 75 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top, Yates and Rustler formation tops. Re-pumped 50 sx.

**Plug #2: (Surface Casing Shoe 569'-Surface, 334 Sacks Type III Cement)**

RIH and perforated squeeze holes at 569'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 569' and back around and out Bradenhead valve at surface with fresh water. While circulating cement down 4 ½" production casing through perforations at 569' and back around and out Bradenhead valve at surface circulation was lost. Cement was displaced with fresh water down to perforations at 569'. WOC 4 hours. TIH and tagged plug #2 top at 427'. R/U wireline services. RIH and perforated squeeze holes at 407'. Successfully established circulation down 4 ½" production casing through perforations at 407' and back around and out Bradenhead valve at surface with fresh

water. Successfully circulated cement down 4 ½" production casing through perforations at 407' 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 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.

## End of Well Wellbore Diagram

Cato San Andres Unit #089

API #: 30-005-10563

Chaves County, New Mexico

### Plug 2

569 feet - Surface

569 foot plug

334 sacks of Type III Cement

### Plug 1

984 feet - 746 feet

238 foot plug

75 sacks of Type III Cement

Repumped 50 sacks of Type III

### Surface Casing

8.625" 28# @ 519 ft

### Formation

Rustler - 1072 ft

Yates - 1545 ft

San Andres - 3342 ft

### Perforations

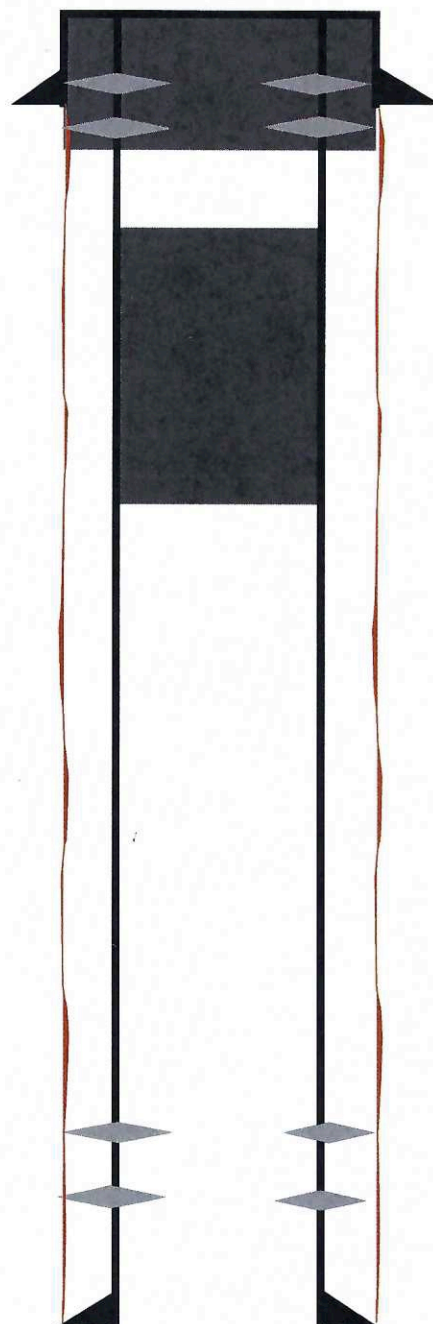
3392 feet - 3424 feet

3455 feet - 3470 feet

3480 feet - 3488 feet

### Production Casing

4.5" 9.5# @ 3558 ft





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CONDITIONS

Action 123804

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 123804
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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