

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-005-27980
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>N</u> <u>20</u> feet from the <u>S</u> line and <u>1375</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>505</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4126		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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 Wakefield

TITLE: Authorized Representative

DATE 9/10/24

Type or print name: Ethan Wakefield E-mail address: e.wakefield@dwsrigs.com

PHONE: 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 #505**

20' FSL & 1375' FWL, Section 2, T8S, R30E

Chaves County, NM / API 30-005-27980

#### **Work Summary:**

- 6/13/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/14/21** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 10 psi, Bradenhead: 5 psi. Bled down well. N/U BOP and function tested. TOOH and L/D 2-7/8" production tubing. P/U casing scraper and work string and TIH above top perforation to a depth of 3,362'. TOOH with 10 stands. Shut-in well for the day.
- 6/15/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 5 psi. Bled down well. Finished round tripping casing scraper. Shut-in well for the day.
- 6/16/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 3 psi. Bled down well. P/U CR, TIH and set at 3,325'. Stung out of CR and circulated wellbore with 40 bbls of fresh water. Pressure tested 5 1/2" production casing to 800 psi in which it successfully held pressure. TOOH with tubing and L/D stinger nose. R/U wireline services. Ran CBL from CR at 3,325' to surface. CBL results were sent to NMOCD office for review. P/U cementing sub. TIH with tubing to CR at 3,325'. R/U cementing services. Pumped plug #1 from 3,325'-3,081' to cover the San Andres perforations and formation top. Spotted 9.5 ppg mud spacer from 3,081'-1,595'. PUH to 1,595'. Shut-in well for the day.
- 6/17/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Pumped plug #2 from

1,595'-972' to cover the Yates and Rustler formation tops. Spotted 9.5 ppg mud spacer from 972'-570'. PUH. R/U cementing services. Pumped plug #3 from 570'-surface. L/D remaining tubing to surface. N/D BOP. WOC overnight. Shut-in well for the day.

**6/18/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Ran weighted tally tape down 5 ½" production casing and tagged cement 26' down. Cement was at surface in 8-5/8" surface casing annulus. Ran ¾" poly pipe down 5 ½" production casing and topped-off production casing with 7 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. Back filled P&A marker. R/D and MOL.

**Plug Summary:**

**Plug #1:(San Andres Perforations and Formation Top 3,325'-3,081', 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'-972', 73 Sacks Class C Cement)**

Mixed 73 sx Class C cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

**Plug #3: (Surface Casing Shoe 570'-Surface, 65 Sacks Class C Cement(7 sx for top-off))**

Pumped plug #3 from 570'-surface. L/D remaining tubing to surface. N/D BOP. WOC overnight. Performed wellhead cut-off. Ran weighted tally tape down 5 ½" production casing and tagged cement 26' down. Cement was at surface in 8-5/8" surface casing annulus. Ran ¾" poly pipe down 5 ½" production casing and topped-off production casing with 7 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. Back filled P&A marker. R/D and MOL.

## Wellbore Diagram

Cato San Andres Unit #505  
API #: 30-005-27980  
Chaves County, New Mexico

### Plug 3

570 feet - Surface  
570 feet plug  
65 sacks of Class C Cement  
7 sacks for top-off

### Plug 2

1595 feet - 972 feet  
623 feet plug  
73 sacks of Class C Cement

### Plug 1

3325 feet - 3081 feet  
244 feet plug  
25 sacks of Class C Cement

### Surface Casing

8.625" 24# @ 520 ft

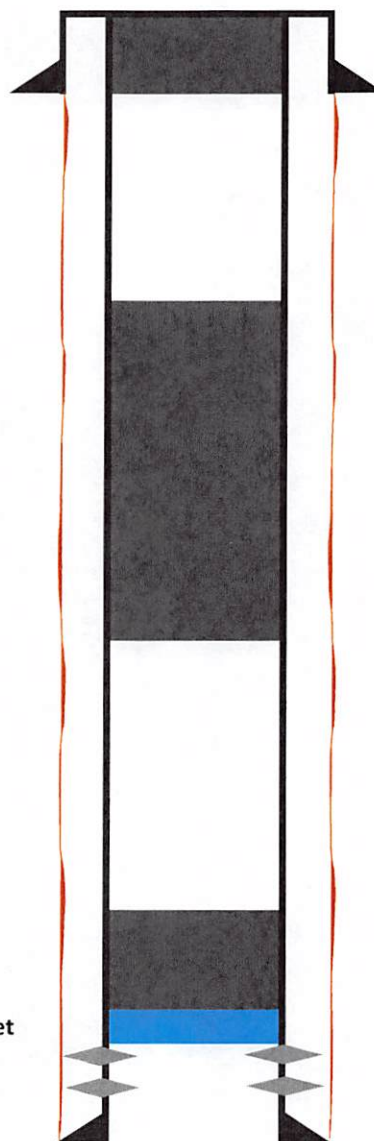
### Formation

Rustler - 1072 ft  
Yates - 1545 ft

Retainer @ 3325 feet

### Production Casing

5.5" 15.5# @ 3905 ft



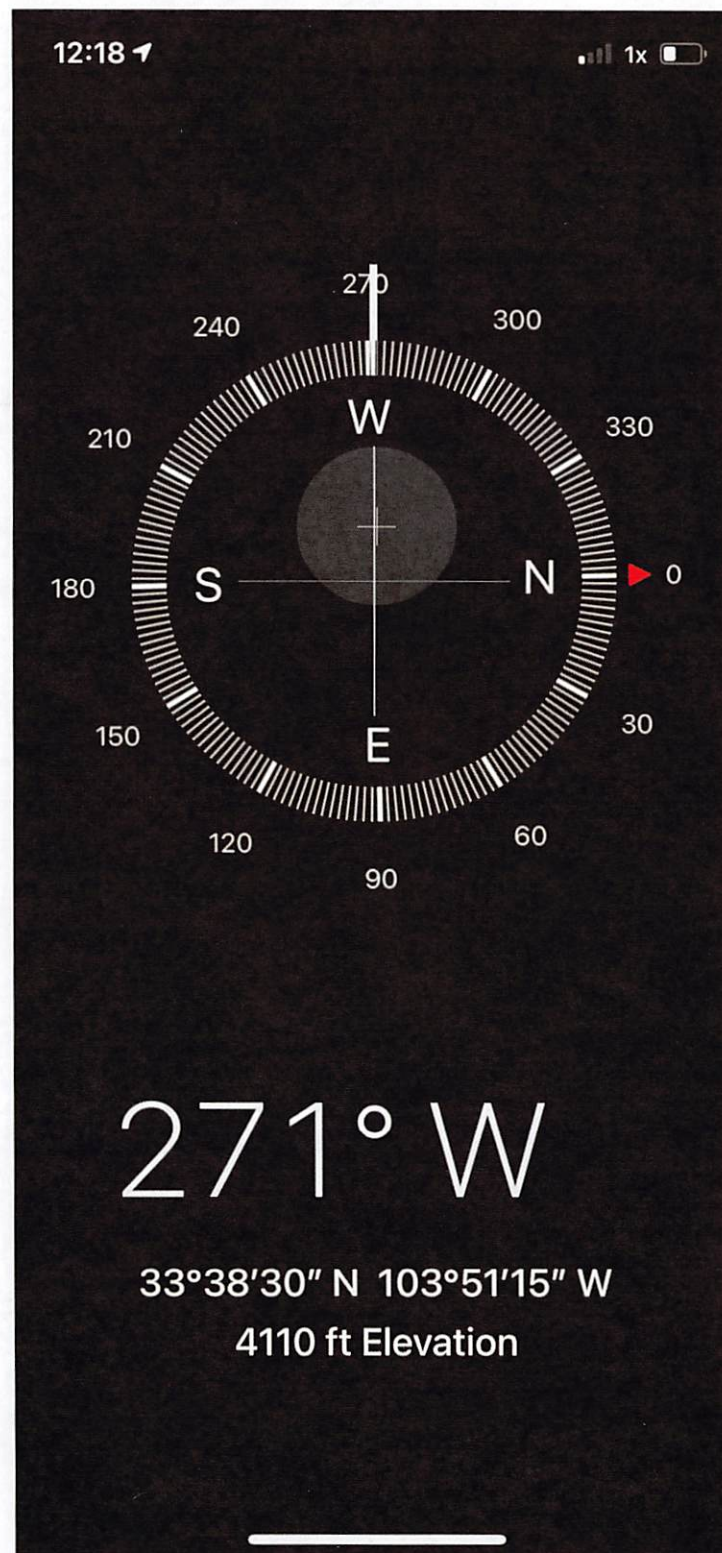












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CONDITIONS

Action 382133

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 382133
	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 for OCD to perform a site inspection.	9/16/2024