

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

<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. 30-005-10538
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>K</u> <u>1980</u> feet from the <u>S</u> line and <u>1980</u> feet from the <u>W</u> line Section <u>10</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number <u>046</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4035		9. OGRID Number 330485
		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.

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

Spud Date:

Rig Release Date:

Accepted for record – NMOCD	
JRH	05/03/2023

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Authorized Representative

DATE 5/4/22

Type or print name Drake McCulloch

E-mail address: [drake@dwsrigs.com](mailto:drake@dwsrigs.com)

PHONE: 505 320 1180

**For State Use Only**

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):



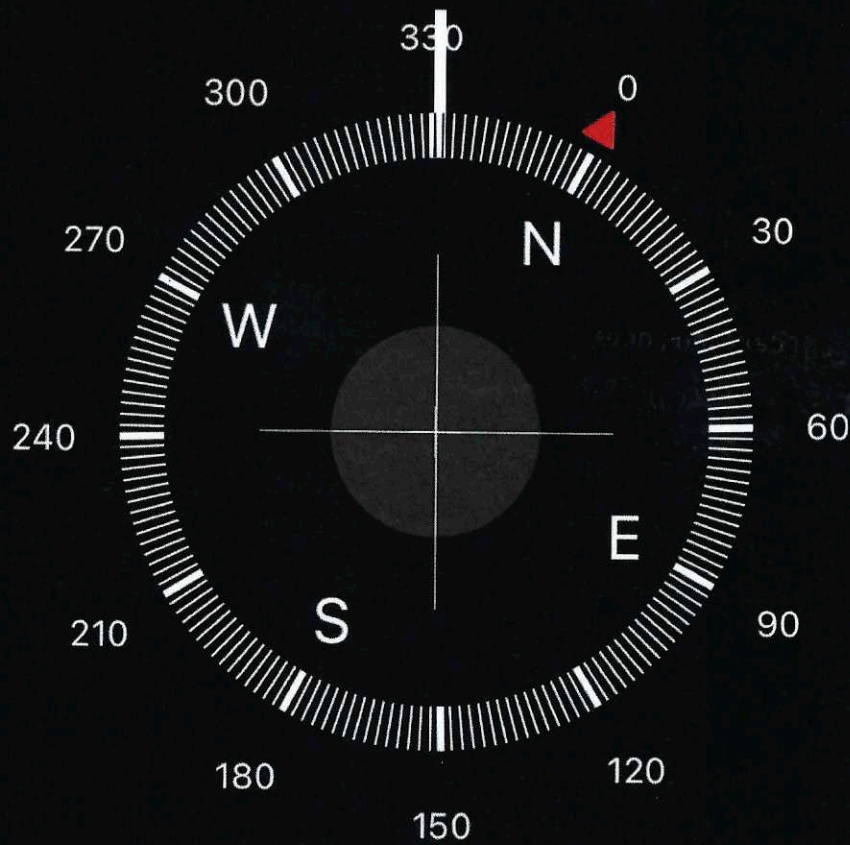








3:09



331° NW

33°37'58" N 103°52'10" W

4050 ft Elevation

**Cano Petro Inc./NMOCD OWP****Plug And Abandonment End Of Well Report****Cato San Andres Unit #046**

1980' FSL &amp; 1980' FWL, Section 10, T8S, R30E

Chaves County, NM / API 30-005-10538

**Work Summary:**

- 4/26/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 4/27/22** 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. P/U casing scraper and work string. Tallied in the wellbore to a depth of 602' where casing scraper tagged solid. TOOH and L/D casing scraper. P/U notched collar and worked down to a depth of 635' where BHA worked tight. TOOH and unplugged last joint of tubing with formation. TIH to 635'. R/U power swivel and drilled out to 760'. TOOH with tubing. Secured and shut-in well for the day.
- 4/28/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with work string and tagged up at 635'. R/U power swivel. Drilled out to 822'. At 822' a lot of formation and sand was coming back in returns. Circulated wellbore and TOOH. P/U 4 ½" packer, TIH and set at 506'. Attempted to establish injection rate below packer at 506' but was unsuccessful. Un-set packer and TOOH. P/U 4 ½" CR, TIH and set at 506'. TOOH. Secured and shut-in well for the day.
- 4/29/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. RIH and perforated squeeze holes at 502'. Successfully established circulation down production casing through perforations at 502' and back around and out Bradenhead valve at surface. Pumped 38 sx of cement down production casing when wellbore locked up. Circulated cement out of wellbore down to 220'. R/U wireline services. RIH and perforated

squeeze holes at 200'. Successfully established circulation down production casing through perforations at 200' and back around and out Bradenhead valve at surface with 12 bbls of fresh water. Successfully circulated cement down production casing through perforations at 200' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. Secured and shut-in well for the day.

**5/2/22** 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 8-5/8" surface casing annulus and 4 1/2" 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, and Surface Casing Shoe 506'-Surface 108 Sacks Type III Cement)**

P/U 4 1/2" CR, TIH and set at 506'. R/U wireline services. RIH and perforated squeeze holes at 502'. Successfully established circulation down production casing through perforations at 502' and back around and out Bradenhead valve at surface. Pumped 38 sx of cement down production casing when wellbore locked up. Circulated cement out of wellbore down to 220'. R/U wireline services. RIH and perforated squeeze holes at 200'. Successfully established circulation down production casing through perforations at 200' and back around and out Bradenhead valve at surface with 12 bbls of fresh water. Successfully circulated cement down production casing through perforations at 200' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. Dug out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in 8-5/8" surface casing annulus and 4 1/2" 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 #046

API #: 30-005-10538

Chaves County, New Mexico

### Plug 1

506 feet - Surface

506 feet plug

108 sacks of Type III Cement

### Surface Casing

8.625" 24# @ 507 ft

### Formation

Rustler - 1072 ft

Yates - 1545

San Andres - 3258 ft

Retainer @ 506 feet

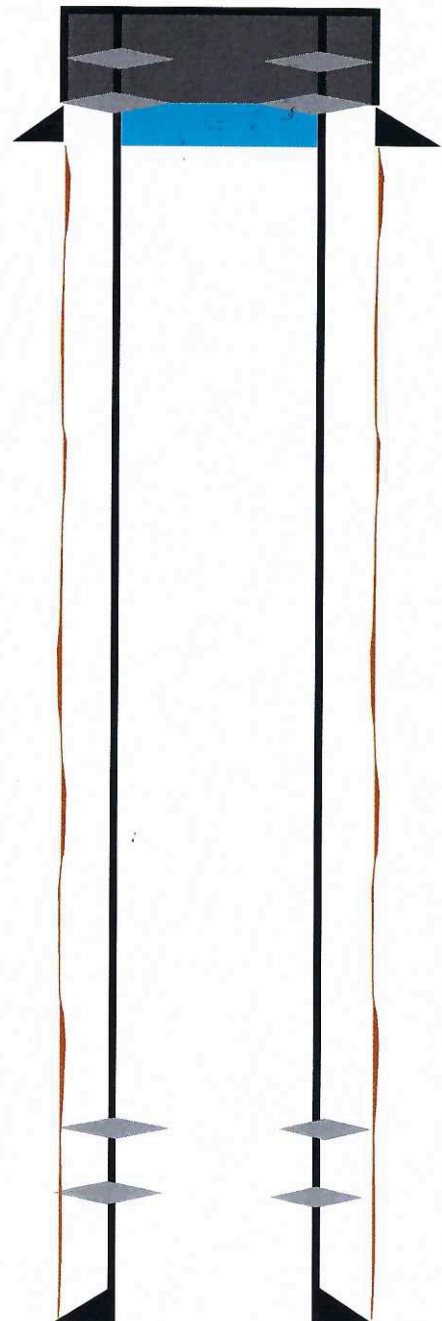
### Perforations

3308 feet - 3332 feet

3370 feet - 3416 feet

### Production Casing

4.5" 9.5# @ 3258 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 105042

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 105042
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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