

Submit 1 Copy To Appropriate District Office

State of New Mexico  
Energy, Minerals and Natural ResourcesForm C-103  
Revised July 18, 2013

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

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

WELL API NO. 30-005-10573
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 074
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4103

## 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 76102

## 4. Well Location

Unit Letter D 660 feet from the N line and 660 feet from the W line  
Section 15 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:

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 Drake McCulloch TITLE Authorized Representative DATE 7/6/22Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

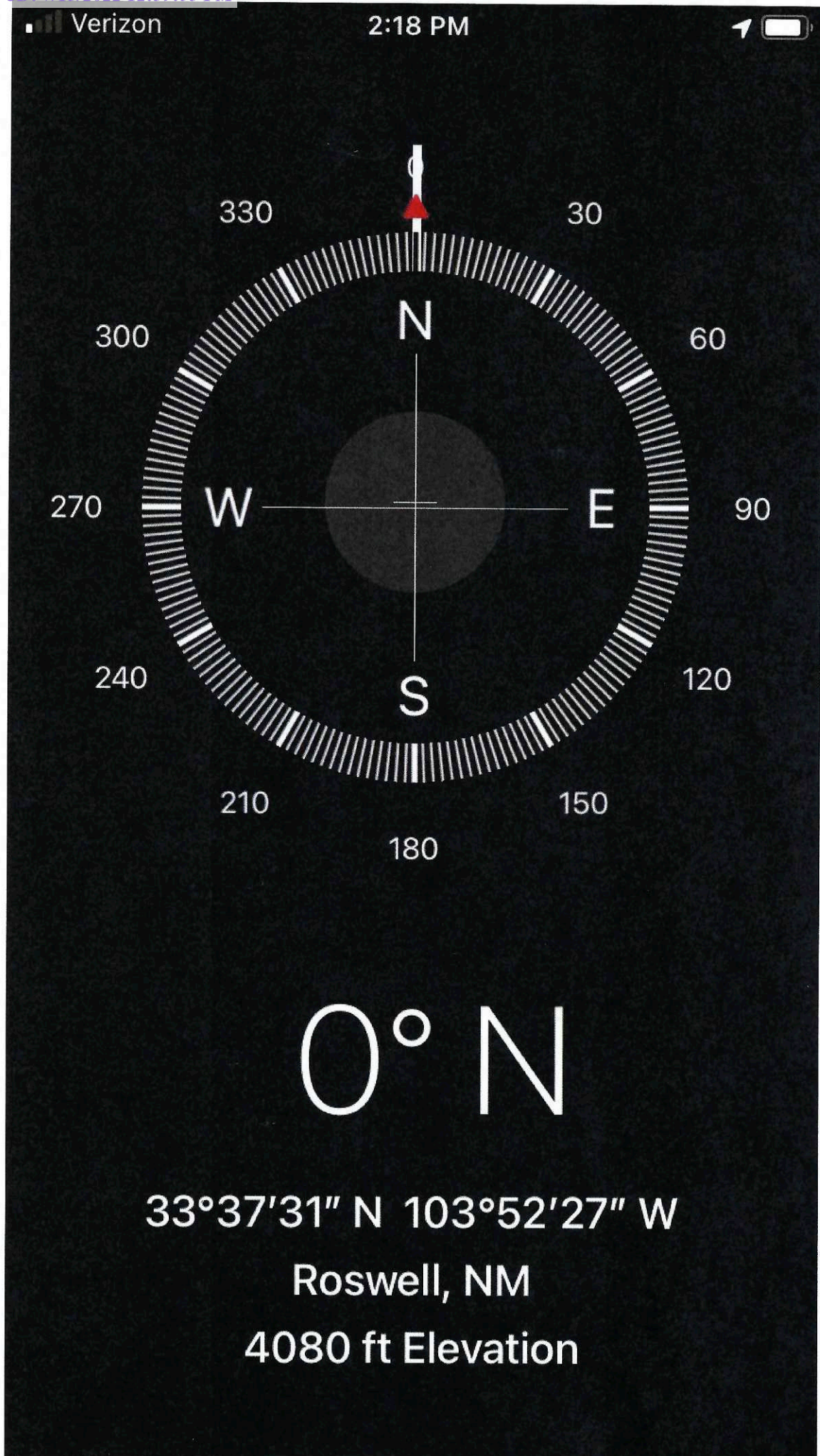
Conditions of Approval (if any): \_\_\_\_\_











## **Cano Petro Inc./NMOCD OWP**

### **Plug And Abandonment End Of Well Report**

#### **Cato San Andres Unit #074**

660' FNL & 660' FWL, Section 15, T8S, R30E

Chaves County, NM / API 30-005-10573

#### **Work Summary:**

- 6/21/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/22/22** 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. Removed horse's head in preparation to pull sucker rods. Worked stuck sucker rod string free. L/D polish rod, 112 - 3/4" sucker rods, 12 - 7/8" sucker rods, and sucker rod pump. N/D wellhead and noticed a split in the 8-5/8" surface casing underneath wellhead at surface. Waited on orders from NMOCD on how to proceed. Secured and shut-in well for the day.
- 6/23/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Welder made repair to 8-5/8" surface casing so operations could continue. N/D wellhead, N/U BOP and function tested. Worked stuck tubing free. L/D 103 joints of 2-3/8" production tubing, tubing anchor, 2 - joints of 2-3/8" tubing, 1 - 3' perforated sub, and 1 additional joint of 2-3/8" tubing with bull plug. P/U 4 1/2" casing scraper and work string and round tripped above top perforation to a depth of 3,343'. P/U 4 1/2" CR, TIH and set at 3,295'. Stung out of CR. R/U cementing services. Circulated wellbore clean with 50 bbls of fresh water. Pumped plug #1 from 3,295'-2,921' to cover the San Andres perforations and formation top. TOOH. WOC 4 hours. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,921' to surface. CBL results were sent to NMOCD office for review. Secured and shut-in well for the day.



- 6/24/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,939'. R/U cementing services. Pressure tested 4 ½" production casing to 600 psi in which it successfully held pressure. Spotted 9.5 ppg mud spacer from 2,939'-1,595'. L/D tubing up to next plug depth. R/U cementing services. Pumped plug #2 from 1,597'-898' to cover the Yates and Rustler formation tops. TOOH. WOC 4 hours. TIH and tagged plug #2 top at 930'. R/U cementing services. Spotted 9.5 ppg mud spacer from 930'-567'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 567'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 567' and back around and out Bradenhead valve at surface with fresh water. Secured and shut-in well for the day.
- 6/25/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. While pumping surface plug wellbore pressured up to 700 psi. Shut-down pumping and displaced cement down to 309'. WOC 4 hours. TIH and tagged surface plug top at 309'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 309'. R/U cementing services. Attempted to establish circulation down 4 ½" production casing through perforations at 309' and back around and out Bradenhead valve at surface but was unsuccessful. R/U wireline services. RIH and perforated squeeze holes at 250'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 250' and back around and out Bradenhead valve at surface. TIH to 309'. R/U cementing services. Pumped surface plug from 309'-250' and successfully circulated cement down 4 ½" production casing through perforations at 250' 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. Ran weighted tally tape down both the 8-5/8" surface casing annulus and 4 ½" production casing. Tagged cement 19' down in 8-5/8" surface casing annulus and 24' down in 4 ½" production casing. Ran ¾" poly pipe down both strings of casing. R/U cementing services. Topped-off both strings of casing with 10 sx of cement. 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 3,295'-2,939', 25 Sacks Type III Cement)**

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

**Plug #2:(Yates and Rustler Formation Tops 1,597'-930', 47 Sacks Type III Cement)**

Mixed 47 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

**Plug #3: (Surface Casing Shoe 567'-Surface, 155 Sacks Type III Cement(10 sx for Top-Off))**

R/U wireline services. RIH and perforated squeeze holes at 567'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 567' and back around and out Bradenhead valve at surface with fresh water. R/U cementing services. While pumping surface plug wellbore pressured up to 700 psi. Shut-down pumping and displaced cement down to 309'. WOC 4 hours. TIH and tagged surface plug top at 309'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 309'. R/U cementing services. Attempted to establish circulation down 4 ½" production casing through perforations at 309' and back around and out Bradenhead valve at surface but was unsuccessful. R/U wireline services. RIH and perforated squeeze holes at 250'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 250' and back around and out Bradenhead valve at surface. TIH to 309'. R/U cementing services. Pumped surface plug from 309'-250' and successfully circulated cement down 4 ½" production casing through perforations at 250' 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. Ran weighted tally tape down both the 8-5/8" surface casing annulus and 4 ½" production casing. Tagged cement 19' down in 8-5/8" surface casing annulus and 24' down in 4 ½" production casing. Ran ¾" poly pipe down both strings of casing. R/U cementing services. Topped-off both strings of casing with 10 sx of cement. 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 #074

API #: 30-005-10573

Chaves County, New Mexico

### Plug 3

567 feet - Surface

567 foot plug

155 sacks of Type III Cement

10 sacks of Type III Top Out

### Plug 2

1597 feet - 930 feet

667 foot plug

47 sacks of Type III Cement

### Plug 1

3295 feet - 2939 feet

356 foot plug

25 sacks of Type III Cement

### Perforations

3343 feet - 3374 feet

### Surface Casing

8.625" 28# @ 517 ft

### Formation

Rustler - 1072 ft

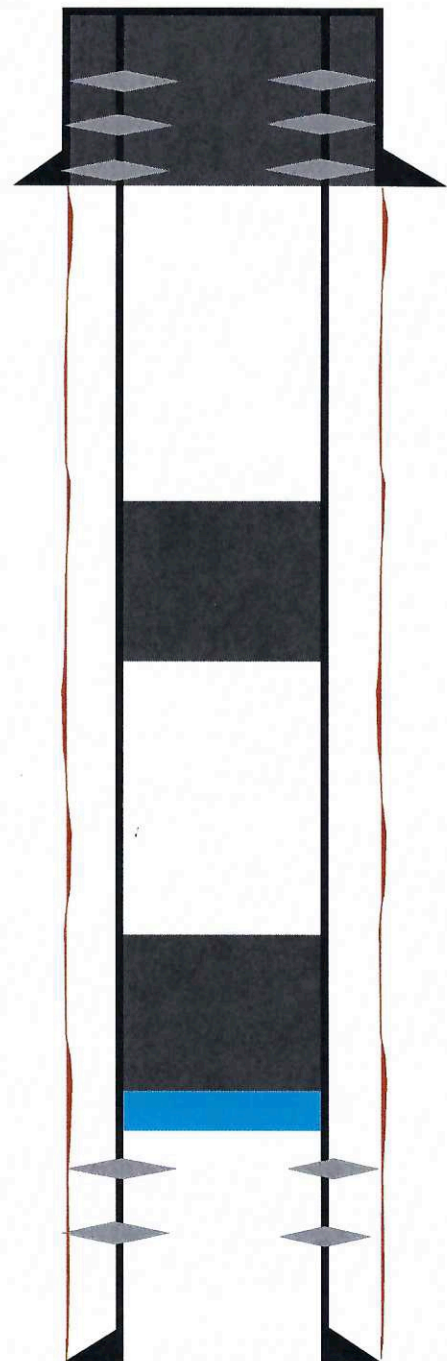
Yates - 1545 ft

San Andres - 3293 ft

Retainer @ 3295 ft

### Production Casing

4.5" 9.5# @ 3536 ft





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State of New Mexico  
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1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 125057

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 125057
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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