

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

Energy, Minerals and Natural Resources

Revised July 18, 2013

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

WELL API NO. 30-005-10571
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 060
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4075

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 M 660 feet from the S line and 660 feet from the W line  
Section 10 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.

Accepted for record – NMOCD

JRH 05/03/2023

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 5/11/22

Type or print name Drake McCulloch E-mail address: [drake@dwsrigns.com](mailto:drake@dwsrigns.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 #060**

660' FSL &amp; 660' FWL, Section 10, T8S, R30E

Chaves County, NM / API 30-005-10571

**Work Summary:**

- 5/4/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/5/22** 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 rods. Worked stuck sucker rod pump free. L/D polish rod, 12 - 7/8" sucker rods, 124- 3/4" sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. Worked stuck tubing free. L/D 106 joints of 2-3/8" tubing, seating nipple, 4' pup joint, and 1 perforated joint of 2-3/8" tubing with bull plug. Secured and shut-in well for the day.
- 5/6/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U casing scraper and work string and round tripped above top perforation to a depth of 3,345'. P/U 4 1/2" CR, TIH and set at 3,247'. Stung out of CR. R/U cementing services. Circulated wellbore clean with 50 bbls of fresh water. Pressure tested production casing to 500 psi in which it successfully held pressure. Pumped plug #1 from 3,247'-2,875' to cover the San Andres perforations and formation top. Spotted 9.5 ppg mud spacer from 2,875'-1,595'. L/D tubing up to next plug depth. TOOH with remaining tubing. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,875' to surface. CBL results were sent to NMOCD office for review. Secured and shut-in well for the day.
- 5/9/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to 1,595'. 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'-500'. TOOH. R/U wireline services. RIH and perforated squeeze holes at 500'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 500' and back around and out Bradenhead valve at surface with 25 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 500' and back around and out Bradenhead valve at surface. N/D BOP. 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 3,247'-2,875', 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 1,595'-972', 42 Sacks Type III Cement)**

Mixed 42 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

##### **Plug #3: (Surface Casing Shoe 500'-Surface, 146 Sacks Type III Cement)**

RIH and perforated squeeze holes at 500'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 500' and back around and out Bradenhead valve at surface with 25 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 500' and back around and out Bradenhead valve at surface. N/D BOP. 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.

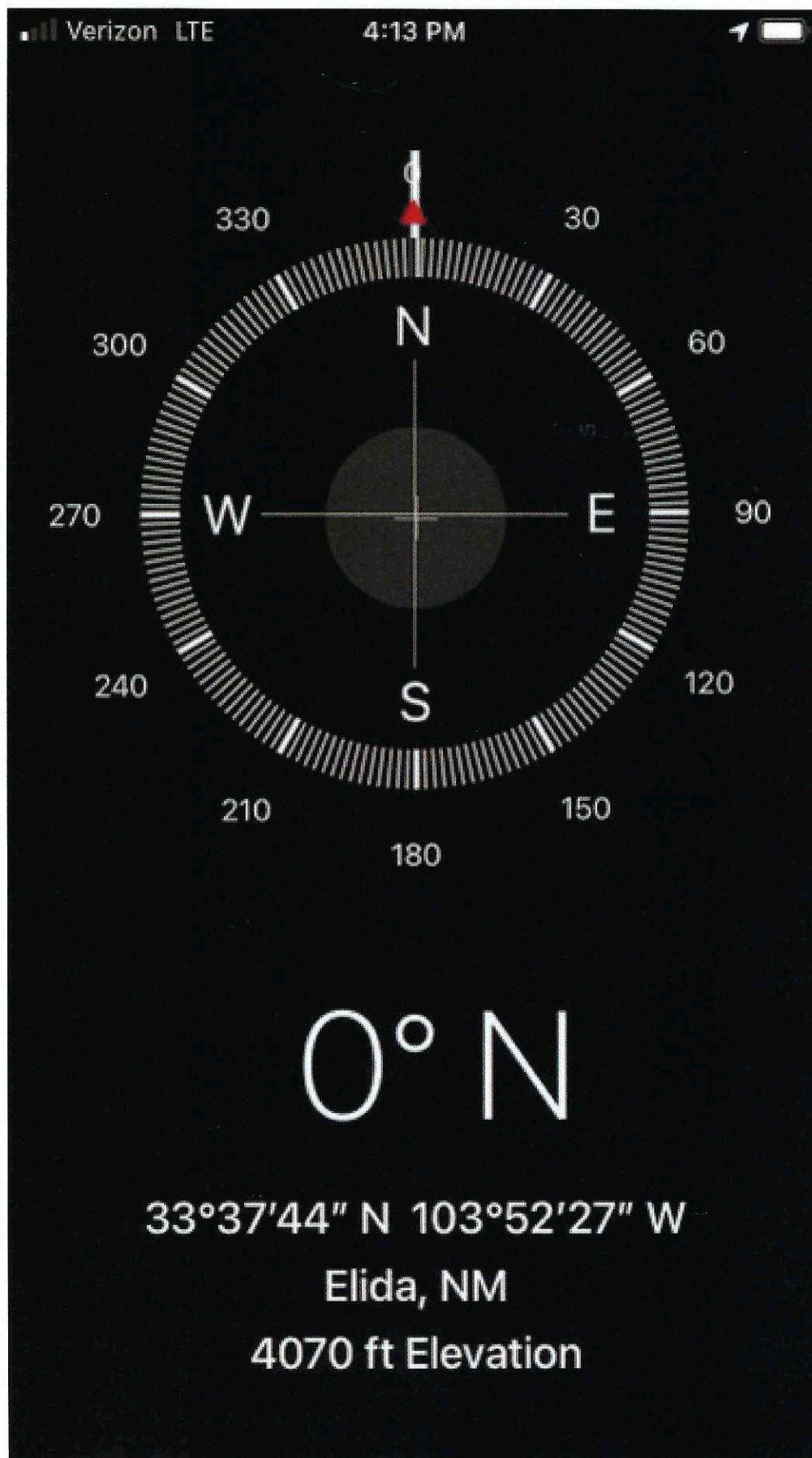












## End of Well Wellbore Diagram

Cato San Andres Unit #060

API #: 30-005-10571

Chaves County, New Mexico

### Plug 3

500 feet - Surface

500 feet plug

146 sacks of Type III Cement

### Plug 2

1595 feet - 972 feet

623 feet plug

42 sacks of Type III Cement

### Plug 1

3247 feet - 2875 feet

372 feet plug

25 sacks of Type III Cement

### Perforations

3303 feet - 3352 feet

### Surface Casing

8.625" 24# @ 450 ft

### Formation

Rustler - 1072 ft

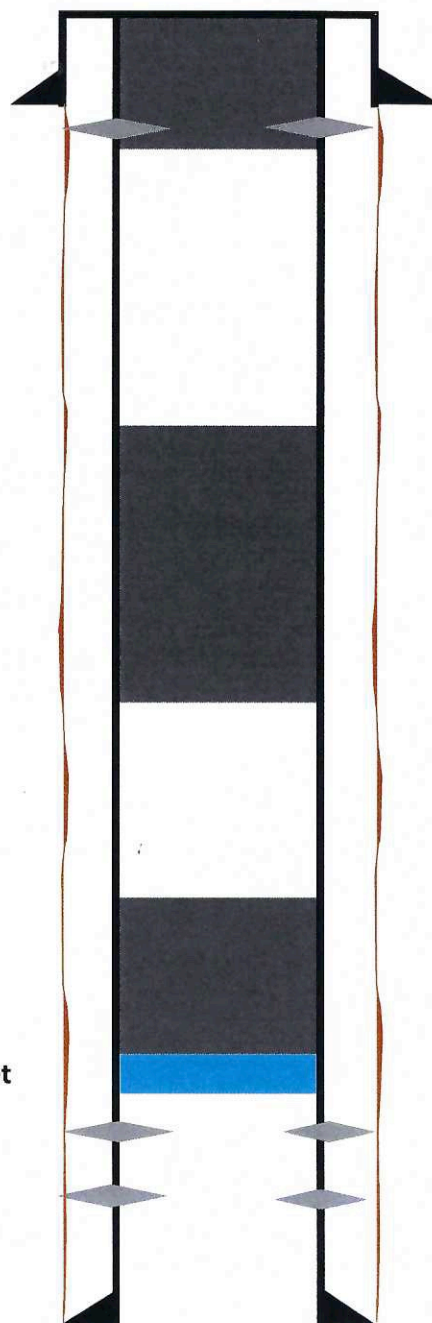
Yates - 1545

San Andres - 3253 ft

Retainer @ 3247 feet

### Production Casing

4.5" 9.5# @ 3492 ft



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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
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CONDITIONS

Action 109149

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 109149
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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