

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. 30-005-10537
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 009
9. OGRID Number 330485
10. Pool name or Wildcat Cato; San Andres

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"/>	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4110
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>O</u> <u>660</u> feet from the <u>S</u> line and <u>1980</u> feet from the <u>E</u> line Section <u>3</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>	

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 5/4/22

Type or print name Drake McCulloch

E-mail address: drake@dwsrigs.com

PHONE: 505 320 1180

For State Use Only

APPROVED BY:

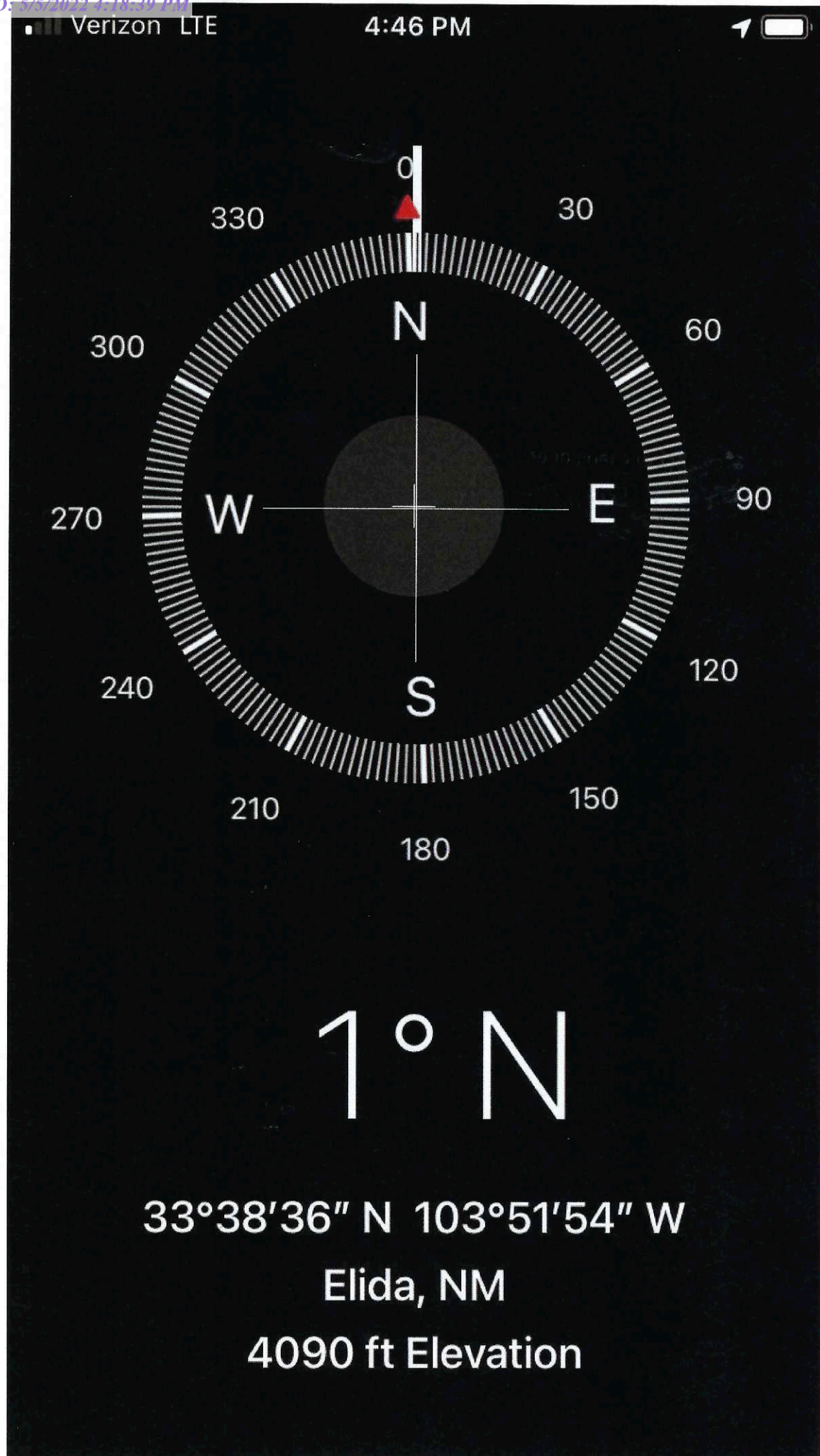
TITLE

DATE

Conditions of Approval (if any):







Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #009

660' FSL & 1980' FEL, Section 3, T8S, R30E

Chaves County, NM / API 30-005-10537

Work Summary:

- 4/17/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 4/18/22** 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. Worked stuck rod string. L/D 140 3/4" sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. Worked stuck tubing. L/D 113 joints of 2-3/8" tubing and seating nipple. Secured and shut-in well for the day.
- 4/19/22** 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 3,298'. While TIH casing scraper tagged up at a tight spot around 70-90' that was worked through on the way in the wellbore. The tight spot was not encountered on the way back out of the wellbore. P/U CR, TIH and CR tagged up and set at 90' which was at a similar depth where casing scraper tagged up. Kerry Fortner requested to attempt to establish injection rate below CR at 90' and pump wellbore capacity plus 100% excess or until wellbore locks up. TIH and stung into CR at 90'. R/U cementing services. Successfully established injection rate through CR at 90'. Pumped 221 sx of cement through CR to account for wellbore volume from CR at 90' to top perforation at 3,298'. After pumping 221 sx of cement wellbore locked up at 470 psi. Stung out of CR. TOOH. WOC overnight. Secured and shut-in well for the day.
- 4/20/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U CR stinger. TIH to 90' and stung into CR.

Attempted to establish injection rate below CR at 90' with 13 bbls of fresh water when wellbore pressured up to 250 psi. Waited on orders from Kerry Fortner. Kerry Fortner requested to sting out of CR, perforate at 90', and attempt to circulate cement to surface. Stung out of CR and TOO. R/U wireline services. RIH and perforated squeeze holes at 90'. R/U cementing services. Attempted to establish circulation down production casing through perforations at 90' and back around and out Bradenhead valve at surface but there were holes in the casing near surface. Successfully established circulation by tying onto Bradenhead valve and circulating fresh water down Bradenhead valve to perforations at 90' and back around and out production casing valve at surface. Successfully circulated cement down Bradenhead valve through perforations at 90' and back around and out production casing valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

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. Ran weighted tally tape down 4 1/2" production casing and tagged cement 2 1/2' down. 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 3,298'-Surface 259 Sacks Type III Cement)

P/U CR, TIH and CR tagged up and set at 90' which was at a similar depth where casing scraper tagged up. Kerry Fortner requested to attempt to establish injection rate below CR at 90' and pump wellbore capacity plus 100% excess or until wellbore locks up. TIH and stung into CR at 90'. R/U cementing services. Successfully established injection rate through CR at 90'. Pumped 221 sx of cement through CR to account for wellbore volume from CR at 90' to top perforation at 3,298'. After pumping 221 sx of cement wellbore locked up at 470 psi. Stung out of CR. TOO. WOC overnight. P/U CR stinger. TIH to 90' and stung into CR. Attempted to establish injection rate below CR at 90' with 13 bbls of fresh water when wellbore pressured up to 250 psi. Waited on orders from Kerry Fortner. Kerry Fortner requested to sting out of CR, perforate at 90', and attempt to circulate cement to surface. Stung out of CR and TOO. R/U wireline services. RIH and perforated squeeze holes at 90'. R/U cementing services. Attempted to establish circulation down production casing

through perforations at 90' and back around and out Bradenhead valve at surface but there were holes in the casing near surface. Successfully established circulation by tying onto Bradenhead valve and circulating fresh water down Bradenhead valve to perforations at 90' and back around and out production casing valve at surface. Successfully circulated cement down Bradenhead valve through perforations at 90' and back around and out production casing 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 8-5/8" surface casing annulus. Ran weighted tally tape down 4 1/2" production casing and tagged cement 2 1/2' down. 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 #009
API #: 30-005-10537
Chaves County, New Mexico

Plug 1

3298 feet - Surface
3298 feet plug
259 sacks of Type III Cement

Surface Casing

8.625" 28# @ 508 ft

Formation

Rustler - 1072 feet
Yates - 1545 feet
San Andres - 3532 ft

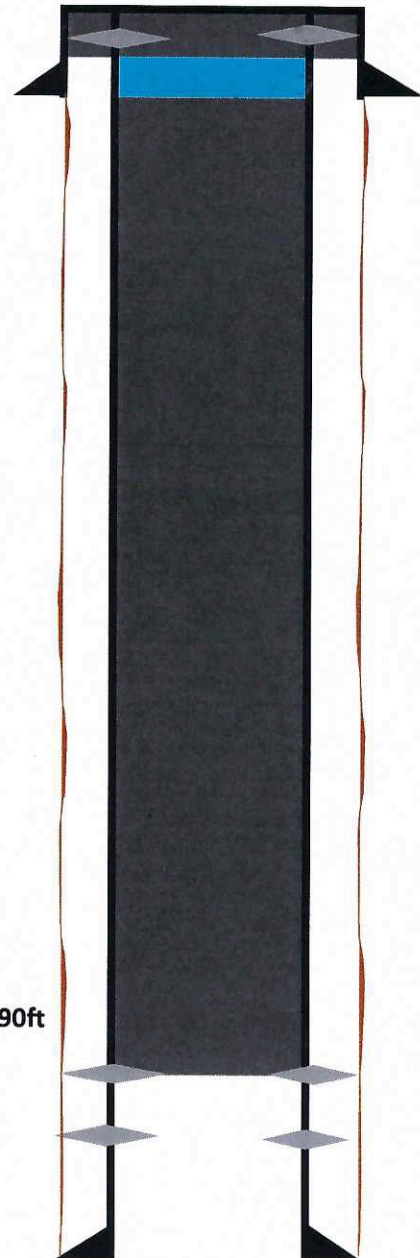
Perforations

3298 ft - 3324 ft
3357 ft - 3384 ft

Cement Retainer @ 90ft

Production Casing

4.5" 9.5# @ 3582 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 104761

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 104761
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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