

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

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

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.)		WELL API NO. 30-005-10500
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>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>10</u> Township <u>08S</u> Range <u>30E</u> NMPM County Chaves		8. Well Number <u>058</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4100		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:		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.

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

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 5/16/22

Type or print name Drake McCulloch

E-mail address: 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 #058

660' FSL & 1980' FEL, Section 10, T8S, R30E

Chaves County, NM / API 30-005-10500

Work Summary:

- 5/6/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/9/22** 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. N/D wellhead, N/U BOP and function tested. P/U 4 ½" casing scraper and TIH to 3,084' where casing scraper tagged up hard. Casing scraper could not be worked any further down the wellbore. TOO H to 1,595'. Secured and shut-in well for the day.
- 5/10/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TOO H and L/D casing scraper. P/U 4 ½" CR, TIH and set at 3,084'. Stung out of CR. R/U cementing services. Circulated wellbore clean with 25 bbls of fresh water. Attempted to pressure test production casing to 500 psi in which it failed to hold pressure. Pumped plug #1 from 3,084'-2,712' to cover the San Andres perforations and formation top. L/D tubing up to next plug depth. TOO H with remaining tubing. WOC 4 hours. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,712' to surface. CBL results were sent to NMOCD office for review. TIH and tagged plug #1 top at 2,824'. R/U cementing services. Attempted to pressure test production casing to 500 psi in which it failed to hold pressure. Re-pumped plug #1 from 2,824'-2,674' to cover the San Andres perforations and formation top. L/D tubing up to next plug depth. TOO H with remaining tubing. WOC overnight. Secured and shut-in well for the day.

- 5/11/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,676'. R/U cementing services. Spotted 9.5 ppg mud spacer from 2,676'-1,595'. L/D tubing up to next plug depth. R/U cementing services. Pumped plug #2 from 1,595'-972' to cover the Yates and Rustler formation tops. L/D tubing up to next plug depth. TOOH with remaining tubing. WOC 4 hours. TIH and tagged plug #2 top at 1,139'. R/U cementing services. Re-pumped plug #2 from 1,139'-900' to cover the Rustler formation top. L/D tubing up to next plug depth. TOOH with remaining tubing. WOC 4 hours. TIH and tagged plug #2 top at 922'. R/U cementing services. Spotted 9.5 ppg mud spacer from 922'-495'. L/D tubing to surface. Secured and shut-in well for the day.
- 5/12/22** 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 495'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 495' and back around and out Bradenhead valve at surface with 12 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 495' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Secured and shut-in well for the day.
- 5/16/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus. Ran weighted tally tape down 4 ½" production casing and tagged cement 9' down. Ran ¾" poly pipe down 4 ½" production casing and topped-off well with 6 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 3,084'-2,676', 37 Sacks Type III Cement(Re-pumped 12 sx))**

Mixed 37 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top. Re-pumped 12 sx Type III.

Plug #2:(Yates and Rustler Formation Tops 1,595'-922', 58 Sacks Type III Cement(Re-pumped 16 sx))

Mixed 58 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops. Re-pumped 16 sx Type III.

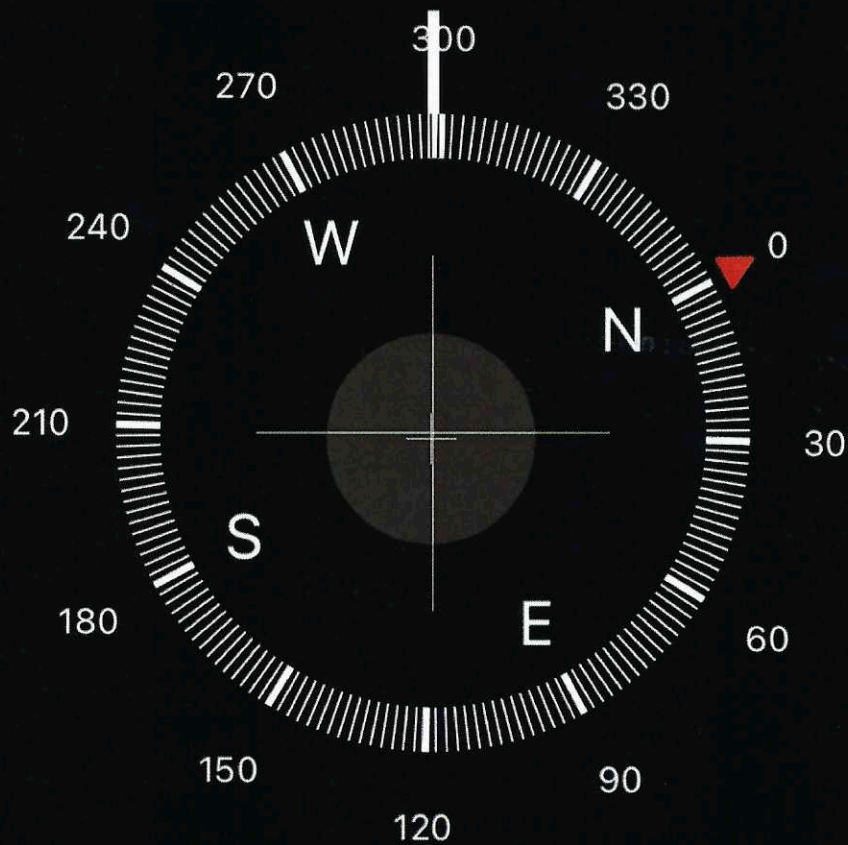
Plug #3: (Surface Casing Shoe 495'-Surface, 101 Sacks Type III Cement(6 sx for Top-off))

RIH and perforated squeeze holes at 495'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 495' and back around and out Bradenhead valve at surface with 12 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 495' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus. Ran weighted tally tape down 4 ½" production casing and tagged cement 9' down. Ran ¾" poly pipe down 4 ½" production casing and topped-off well with 6 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.





3:23 ↗



298° NW

33°37'44" N 103°51'55" W

4100 ft Elevation

End of Well Wellbore Diagram

Cato San Andres Unit #058

API #: 30-005-10500

Chaves County, New Mexico

Plug 3

495 feet - Surface

495 feet plug

101 sacks of Type III Cement

6 sacks of Type III Top off

Plug 2

1595 feet - 922 feet

673 feet plug

58 sacks of Type III Cement

Repumped 16 sacks of Type III
Cement

Plug 1

3084 feet - 2676 feet

408 feet plug

37 sacks of Type III Cement

Repumped 12 sacks of Type III
cement

Perforations

3378 feet - 3380 feet

3399 feet - 3402 feet

3404 feet - 3414 feet

3442 feet - 3457 feet

3475 feet - 3480 feet

Surface Casing

8.625" 24# @ 445 ft

Formation

Rustler - 1072 ft

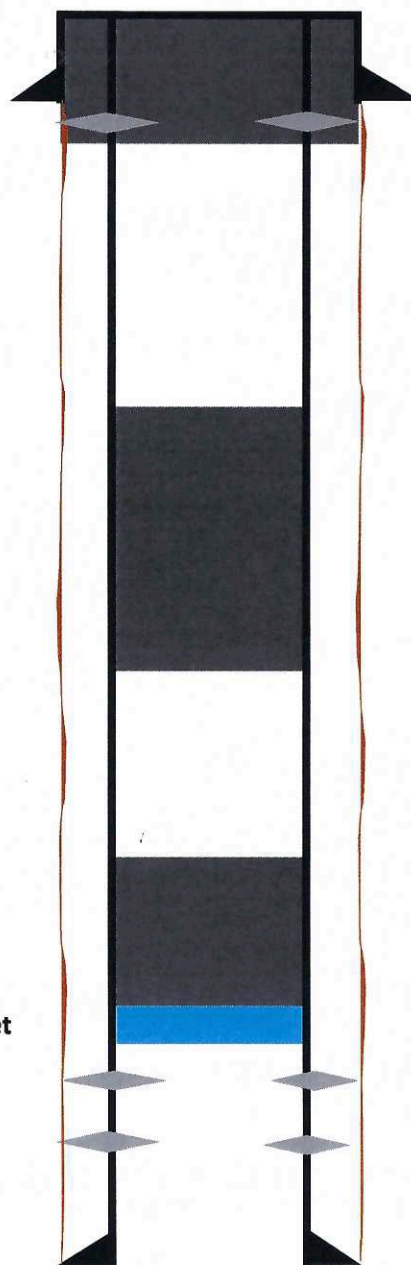
Yates - 1545

San Andres - 3328 ft

Retainer @ 3084 feet

Production Casing

4.5" 9.5# @ 3515 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 109151

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 109151
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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