

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. 30-005-10491
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 027
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 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 F 1980 feet from the N line and 1980 feet from the W line
Section 11 Township 08S Range 30E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4149

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 5/31/22

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 #027

1980' FNL & 1980' FWL, Section 11, T8S, R30E

Chaves County, NM / API 30-005-10491

Work Summary:

- 5/18/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/19/22** 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. Secured and shut-in well for the day.
- 5/20/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 4 ½" casing scraper and work string and TIH to a depth of 494' where casing scraper tagged up. TOO H. P/U mule shoe sub. TIH and tagged up at 494'. R/U power swivel. Drilled down to a depth of 1,152' where another tag point was encountered. Continued to work tubing with power swivel but couldn't make any further progress down wellbore. TOO H. Secured and shut-in well for the day.
- 5/24/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U mule shoe sub. TIH and tagged up at 1,152'. R/U power swivel. Drilled down to a depth of 1,160' and lost circulation in wellbore. Pumped 20 bbls of fresh water and 10 sx cedar fiber LCM to attempt to re-establish circulation but was unsuccessful. NMOCD requested to start plugging operations at 1,089'. R/U cementing services. Pumped plug #1 and accounted for wellbore volume from 1,089' to top perforation at 3,413' plug 100% excess to cover the San Andres perforations and formation top and Yates formation top. TOO H. WOC 4 hours. TIH to tag plug #1 but tagged at 1,152' without tagging cement. R/U cementing services.

Attempted to circulate wellbore with fresh water but was unsuccessful. Re-pumped plug #1 from 1,089'-3,413'. TOO. WOC overnight. Secured and shut-in well for the day.

5/25/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to tag plug #1 top but tagged back at 1,152'. R/U cementing services. Attempted to circulate wellbore but could not establish circulation. Re-pumped plug #1 accounting for wellbore volume from 1,089' to top perforation depth at 3,413' with 100% excess to cover the San Andres perforations and formation top. TOO. WOC 4 hours. TIH and tagged back at 1,152'. R/U cementing services. Circulated wellbore with 19 bbls of fresh water. Re-pumped plug #1 from 1,152'-835' to cover the Yates and Rustler formation tops. TOO. WOC 4 hours. TIH and tagged up at 1,152'. R/U cementing services. Re-pumped plug #1 from 1,152'-835'. TOO. WOC overnight. Secured and shut-in well for the day.

5/26/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 744'. R/U cementing services. Spotted 9.5 ppg mud spacer from 744'-452'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 452'. R/U cementing services. Attempted to establish circulation down 4 1/2" production casing through perforations at 452' and back around and out Bradenhead valve at surface but was unsuccessful. R/U wireline services. RIH and re-perforated squeeze holes at 452'. R/U cementing services. Successfully established circulation down 4 1/2" production casing through perforations at 452' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 1/2" production casing through perforations at 452' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

5/31/22 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 both the 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 3,413'-744', 900 Sacks Type III Cement(Re-pumped 675 sx))

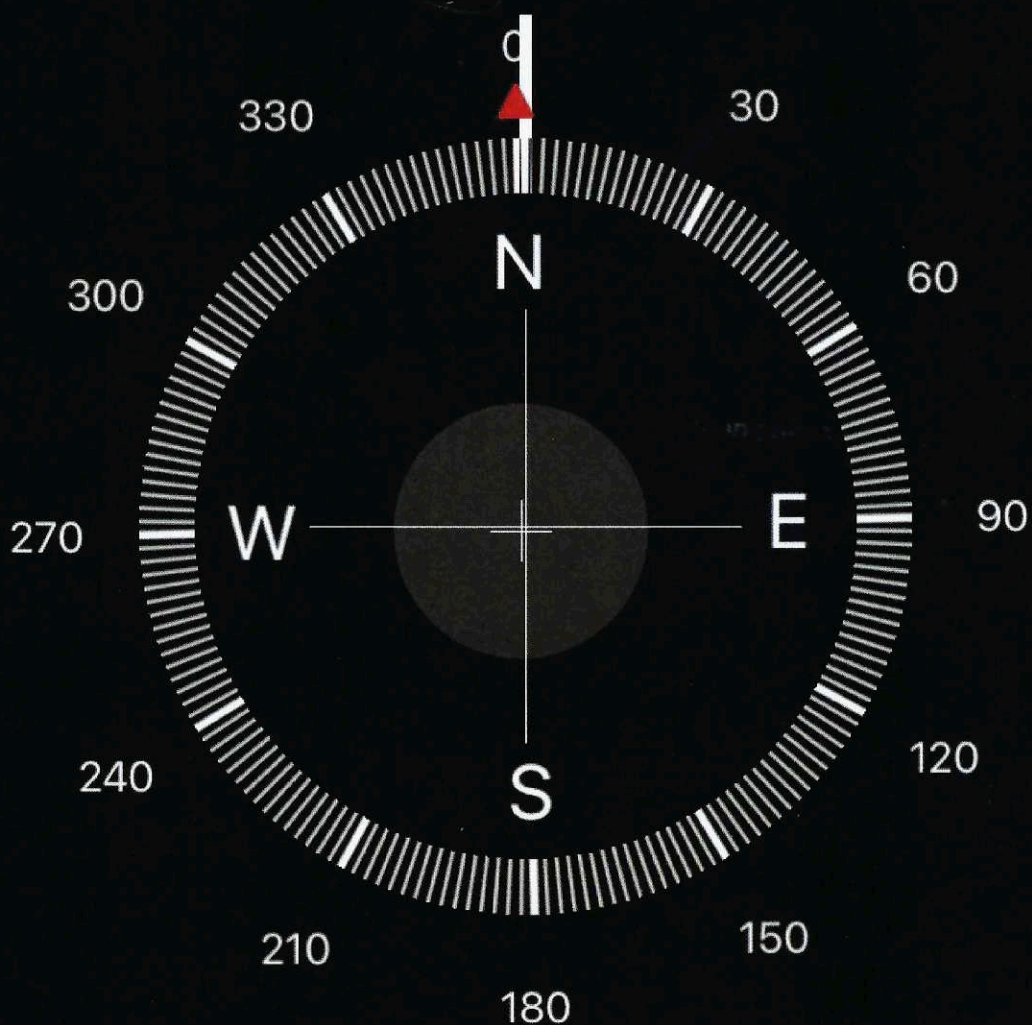
Pumped plug #1 and accounted for wellbore volume from 1,089' to top perforation at 3,413' plug 100% excess to cover the San Andres perforations and formation top and Yates formation top. TOOH. WOC 4 hours. TIH to tag plug #1 but tagged at 1,152' without tagging cement. R/U cementing services. Attempted to circulate wellbore with fresh water but was unsuccessful. Re-pumped plug #1 from 1,089'-3,413'. TOOH. WOC overnight. TIH to tag plug #1 top but tagged back at 1,152'. R/U cementing services. Attempted to circulate wellbore but could not establish circulation. Re-pumped plug #1 accounting for wellbore volume from 1,089' to top perforation depth at 3,413' with 100% excess to cover the San Andres perforations and formation top. TOOH. WOC 4 hours. TIH and tagged back at 1,152'. R/U cementing services. Circulated wellbore with 19 bbls of fresh water. Re-pumped plug #1 from 1,152'-835' to cover the Yates and Rustler formation tops. TOOH. WOC 4 hours. TIH and tagged up at 1,152'. R/U cementing services. Re-pumped plug #1 from 1,152'-835'. TOOH. WOC overnight. TIH and tagged plug #1 top at 744'.

Plug #2: (Surface Casing Shoe 452'-Surface, 164 Sacks Type III Cement)

RIH and perforated squeeze holes at 452'. R/U cementing services. Attempted to establish circulation down 4 1/2" production casing through perforations at 452' and back around and out Bradenhead valve at surface but was unsuccessful. R/U wireline services. RIH and re-perforated squeeze holes at 452'. R/U cementing services. Successfully established circulation down 4 1/2" production casing through perforations at 452' and back around and out Bradenhead valve at surface. Successfully circulated cement down 4 1/2" production casing through perforations at 452' 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. Cement was at surface in both the 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.







1° N

33°38'10" N 103°51'8" W

4150 ft Elevation

End of Well Wellbore Diagram

Cato San Andres Unit #027
API #: 30-005-10491
Chaves County, New Mexico

Plug 2

452 feet - Surface
452 foot plug
164 sacks of Type III Cement

Plug 1

3413 feet - 744 feet
2669 foot plug
900 sack of Type III Cement
Re-pumped 675 sks Type III Cement

Surface Casing

8.625" 28# @ 402 ft

Formation

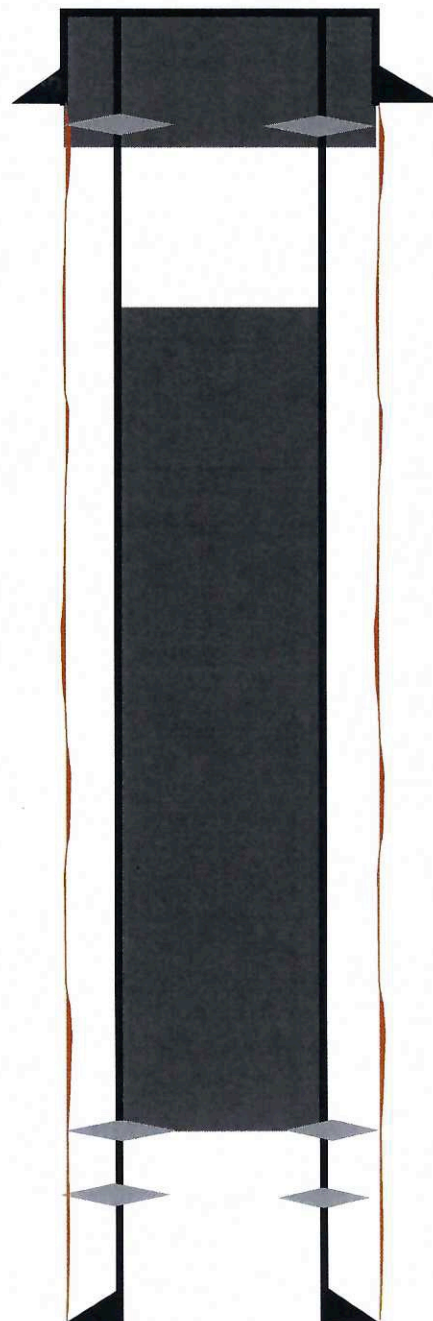
Rustler - 1072 ft
Yates - 1545 ft
San Andres - 3363 ft

Perforations

3413 feet - 3420 feet
3426 feet - 3434 feet
3436 feet - 3445 feet
3484 feet - 3492 feet
3495 feet - 3498 feet
3500 feet - 3505 feet
3507 feet - 3512 feet
3596 feet - 3598 feet

Production Casing

4.5" 9.5# @ 3562 ft



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 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 113976

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 113976
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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