

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. 30-005-10560
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 055
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 N 660 feet from the S 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.)
N/A

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 6/24/22

Type or print name Drake McCulloch

E-mail address: drake@dwsrigs.com

PHONE: 505 320 1180

For State Use Only

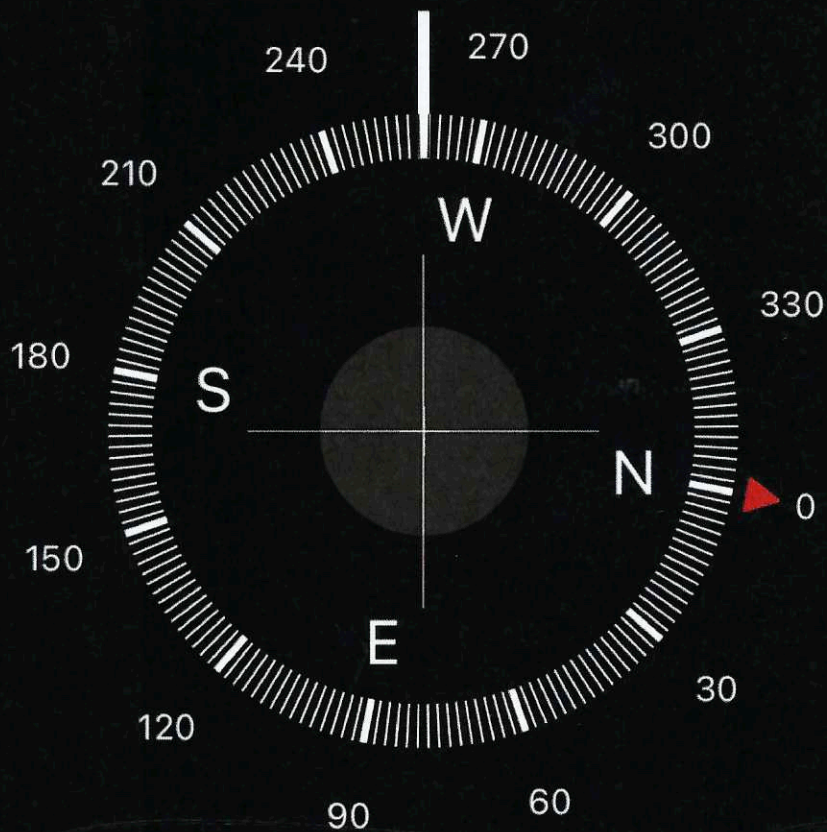
APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):





1:32



258° W

33°37'44" N 103°51'9" W

Elida, NM

4140 ft Elevation

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #055

660' FSL & 1980' FWL, Section 11, T8S, R30E

Chaves County, NM / API 30-005-10560

Work Summary:

- 6/10/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/13/22** 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. L/D 1 – 2-3/8" pup joint. P/U 4 1/2" casing scraper and work string and TIH to a depth of 1,162' where casing scraper tagged up. TOOH. P/U mule shoe sub. TIH and tagged up at 1,162'. R/U power swivel. Drilled down to 1,665' where no more progress could be made down wellbore. Circulated wellbore with fresh water. TOOH. Last 4 joints of tubing were twisted and cut, 9 joints were left in wellbore. Secured and shut-in well for the day.
- 6/14/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged up at 1,162'. TOOH. P/U 4 1/2" packer, TIH and set at 1,058'. Attempted to establish injection rate below packer at 1,058' but was unsuccessful. Un-set packer and TOOH. TIH to 1,152'. R/U cementing services. Pumped plug #1 from 1,152'-778' to cover the San Andres perforations and formation top and Yates and Rustler formation tops. TOOH. WOC 4 hours. TIH and tagged back at 1,162'. R/U cementing services. Re-pumped plug #1 from 1,152'-778'. TOOH. WOC 4 hours. TIH and tagged back at 1,162'. R/U cementing services. Re-pumped plug #1 from 1,152'-778'. TOOH. WOC overnight. Secured and shut-in well for the day.
- 6/15/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 827'. R/U

cementing services. Pressure tested 4 ½" production casing to 500 psi in which it successfully held pressure. Attempted to pressure test Bradenhead to 300 psi in which it failed to hold pressure. Spotted 9.5 ppg mud spacer from 827'-561'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 561'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 561' and back around and out Bradenhead valve at surface with 35 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 561' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

6/23/22 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 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, Yates and Rustler Formation Tops 1,152'-827', 75 Sacks Type III Cement(Re-pumped 50 sx))

Mixed 75 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top, Yates and Rustler formation tops. Re-pumped 50 sx.

Plug #2: (Surface Casing Shoe 561'-Surface, 146 Sacks Type III Cement)

RIH and perforated squeeze holes at 561'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 561' and back around and out Bradenhead valve at surface with 35 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 561' 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 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 #055
API #: 30-005-10560
Chaves County, New Mexico

Plug 2

561 feet - Surface
561 foot plug
146 sacks of Type III Cement

Plug1

1152 feet - 827 feet
325 foot plug
75 sacks of Type III Cement
Re-pumped 50 sks Type III Cement

Perforations

3478 feet - 3508 feet
3538 feet - 3557 feet

Surface Casing

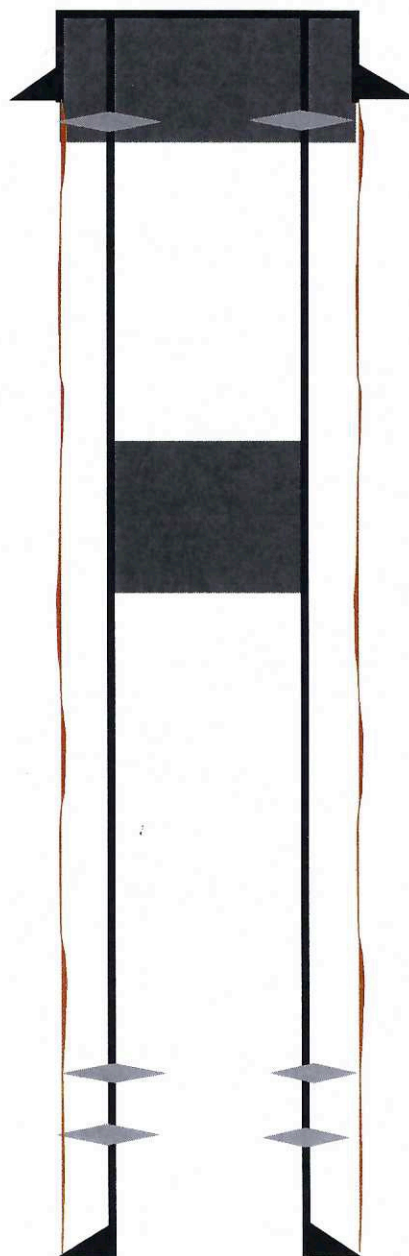
8.625" 28# @ 511 ft

Formation

Rustler - 1072 ft
Yates - 1545 ft
San Andres - 3428 ft

Production Casing

4.5" 9.5# @ 3596 ft



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State of New Mexico
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CONDITIONS

Action 123819

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 123819
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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