

Submit 1 Copy To Appropriate District 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

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

Form C-103
Revised July 18, 2013

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. 30-005-20065
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>E</u> 1980 feet from the <u>N</u> line and 660 feet from the <u>W</u> line Section <u>9</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>		8. Well Number 036
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4047		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:

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:

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 4/18/22

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):

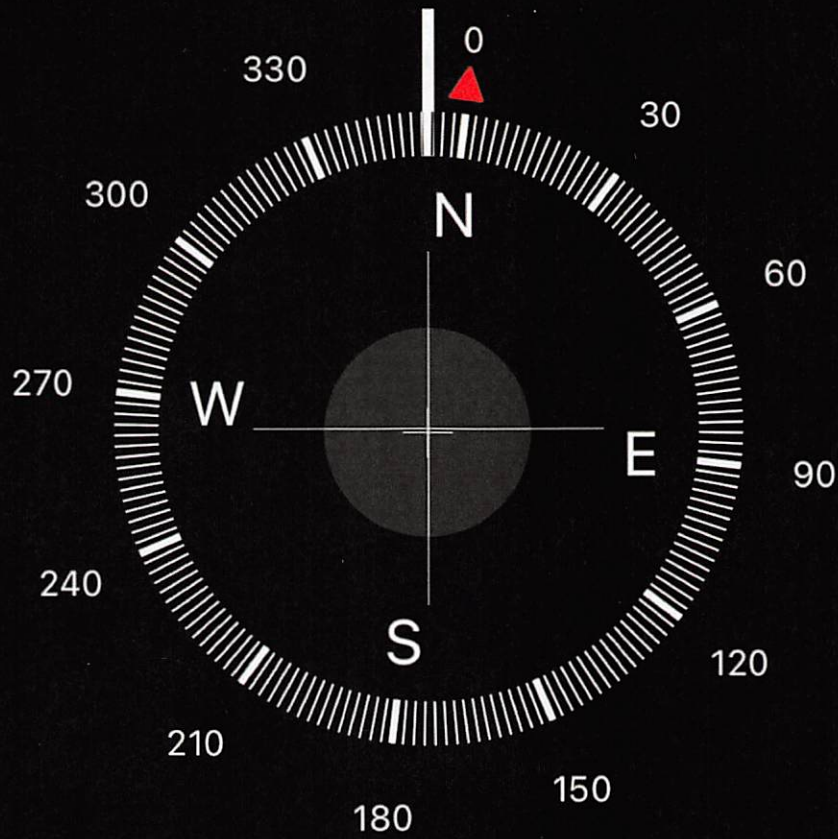
Accepted for record – NMOCD

JRH 05/03/2023





5:57



353° N

33°38'10" N 103°53'29" W

4030 ft Elevation

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #036

1980' FNL & 660' FWL, Section 9, T8S, R30E

Chaves County, NM / API 30-005-20065

Work Summary:

- 4/12/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 4/13/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Secured and shut-in well for the day.
- 4/14/22** 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 casing scraper and work string. TIH to 412' where casing scraper tagged up. Worked down to a depth of 474' and could not make anymore headway down wellbore. TOOH. L/D casing scraper. P/U mule shoe sub. TIH to 3,189' but had to work tight pipe entire trip in the hole. L/D two joints of tubing. R/U cementing services. Pumped plug #1 from 3,124'-2,624' to cover the San Andres perforations and formation top. TOOH with tubing. With 800' of tubing out of wellbore work string started coming out twisted and then parted with 1,105' out of wellbore. P/U 4 ½" packer, TIH and set at 286'. Attempted to establish injection rate below packer at 286' with 16 bbls of fresh water but water started circulating out of Bradenhead. Un-set packer, TOOH and L/D packer. P/U cementing sub and TIH to 883'. R/U cementing services. Pumped plug #2 from 883'-397' to cover the Yates and Rustler formation tops. L/D four joints of tubing. TOOH with remaining tubing. WOC overnight. Secured and shut-in well for the day.
- 4/15/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 412'. TOOH with

tubing. P/U 4 ½" packer, TIH and set at 222'. Successfully circulated 12 bbls of fresh water down tubing through packer at 222' and back around and out Bradenhead valve at surface. Un-set packer and TOO. L/D packer. P/U 4 ½" CR, TIH and set at 222'. R/U cementing services. Pumped cement through CR at 222' from 412'-222' and circulated cement back around and out Bradenhead valve at surface. Stung out of CR. Pumped cement from 222'-surface. L/D tubing to surface. N/D BOP, N/U wellhead. WOC over the weekend. R/D and MOL.

4/18/22 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 ½" production casing and tagged cement 30' down. R/U cementing services. Ran ¾" poly pipe down 4 ½" production casing and topped-off well with 12 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 3,124'-2,624', 33 Sacks Type III Cement)

Mixed 33 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 and Surface Casing Shoe 883'-Surface, 131 Sacks Type III Cement(12 sx for Top-off))

With 800' of tubing out of wellbore work string started coming out twisted and then parted with 1,105' out of wellbore. P/U 4 ½" packer, TIH and set at 286'. Attempted to establish injection rate below packer at 286' with 16 bbls of fresh water but water started circulating out of Bradenhead. Un-set packer, TOO and L/D packer. P/U cementing sub and TIH to 883'. R/U cementing services. Pumped plug #2 from 883'-397' to cover the Yates and Rustler formation tops. L/D four joints of tubing. TOO with remaining tubing. WOC overnight. TIH and tagged plug #2 top at 412'. TOO with tubing. P/U 4 ½" packer, TIH and set at 222'. Successfully circulated 12 bbls of fresh water down tubing through packer at 222' and back around and out Bradenhead valve at surface. Un-set packer and TOO. L/D packer. P/U 4 ½" CR, TIH and set at 222'. R/U cementing services. Pumped cement through CR at 222' from 412'-222' and circulated cement back around and out Bradenhead valve at surface. Stung out of CR. Pumped cement from 222'-surface. L/D tubing to surface. N/D

BOP, N/U wellhead. WOC over the weekend. 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 30' down. R/U cementing services. Ran 3/4" poly pipe down 4 1/2" production casing and topped-off well with 12 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.

End of Wellbore Diagram

Cato San Andres Unit #036

API #: 30-005-20065

Chaves, New Mexico

Plug 2

883 feet - Surface

883 feet plug

131 sacks of Type III Cement

12 sacks of cement for top off

Plug 1

3124 feet - 2624 feet

500 feet plug

33 sacks of Type III Cement

Perforations

3100 ft - 3168 ft

3260 ft - 3294 ft

Surface Casing

8.625" 24# @ 476 ft

Retainer @ 222 ft

Formation

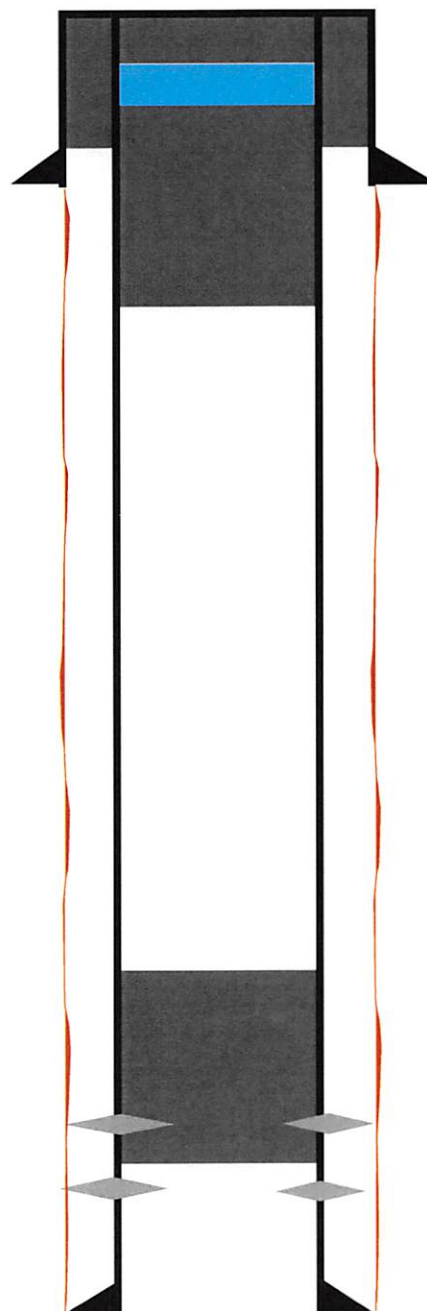
Anhy - 1010 ft

Yates - 1362 ft

San Andres - 3050 ft

Production Casing

4.5" 9.5# @ 3350 ft



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CONDITIONS

Action 99978

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 99978
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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