

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
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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

WELL API NO. 30-005-20020
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 71
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"/>	
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>C</u> <u>660</u> feet from the <u>N</u> line and <u>1980</u> feet from the <u>W</u> line Section <u>16</u> Township <u>08S</u> Range <u>30E</u> NMPM County <u>Chaves</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4099	

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.

See attached documentation below.

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: Ethan Wakefield

TITLE: Authorized Representative

DATE 8/21/24

Type or print name: Ethan Wakefield E-mail address: e.wakefield@dwsrigs.com

PHONE: 405-343-7736

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #71

660' FNL & 1980' FWL, Section 16, T8S, R30E

Chaves County, NM / API 30-005-20020

Work Summary:

- 3/24/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 3/25/21** MOL and R/U P&A rig. Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/U BOP and function tested. Shut-in well for the day.
- 3/26/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U casing scraper and TIH to 1,270' where casing scraper tagged up. TOOH and L/D casing scraper. P/U mule shoe sub. TIH to 1,112' and tagged up but was able to work down to 1,270' where mule shoe sub tagged up again. Kerry Fortner requested to swivel up and circulate down wellbore to attempt to make more progress. Moved in pump and pit to circulate wellbore. P/U power swivel and attempted to establish circulation with 110 bbls of fresh water but was unsuccessful. Pumped 20 bbls of cedar fiber slug to stop loss circulation. Displaced out of tubing. TOOH with mule shoe sub. Shut-in well for the day.
- 3/29/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U mule shoe sub and TIH to 1,270'. Established circulation with 40 bbls of fresh water. Circulated down wellbore to 2,400', while making progress down wellbore tubing kept hanging up on casing collars. Circulated an additional 40 bbls of fresh water at 2,400' but could not make any further progress down wellbore. Work string got stuck at 2,400' but was able to work free. Kerry Fortner approved setting a balanced plug accounting for wellbore capacity from 2,400' to top perforation depth which

calculated out to 55 sx of cement. R/U cementing services. Pumped plug #1 from 2,400'-1,604' to cover the San Andres perforations and formation top. TOOH and L/D mule shoe sub. WOC 4 hours. P/U tagging sub. TIH and tagged plug #1 top at 2,320'. R/U cementing services. Re-pumped plug #1 from 2,320'-1,524' to cover the San Andres perforations and formation top. TOOH and L/D tagging sub. WOC overnight. Shut-in well for the day.

3/30/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U tagging sub. TIH and tagged plug #1 top at 2,230'. Kerry Fortner requested to PUH to the Yates top and pump plug #2. PUH to an EOT depth of 1,617'. R/U cementing services. Pumped plug #2 from 1,617'-749' to cover the Yates and Rustler formation tops. TOOH and L/D tagging sub. WOC 4 hours. P/U tagging sub. TIH and attempted to tag plug #2 top but never tagged up and TIH to 2,230'. PUH to 1,617'. R/U cementing services. Re-pumped plug #2 from 1,617'-604' to cover the Yates and Rustler formation tops. TOOH and L/D tagging sub. WOC overnight. Shut-in well for the day.

3/31/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 1,580'. R/U cementing services. Re-pumped plug #2 from 1,580'-567' to cover the Yates and Rustler formation tops. TOOH and L/D tagging sub. WOC 4 hours. P/U tagging sub. TIH and tagged plug #2 top at 1,540'. R/U cementing services. Circulated wellbore with 5 bbls of fresh water. Re-pumped plug #2 from 1,540'-527' to cover the Yates and Rustler formation tops. TOOH and L/D tagging sub. WOC overnight. Shut-in well for the day.

4/1/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 880'. PUH to 504'. Circulated wellbore with 8 bbls of fresh water. Attempted to pressure test casing to 500 psi in which it failed to hold pressure. Attempted to establish circulation down tubing around backside of surface casing and back around and out Bradenhead valve at surface with 10 bbls of fresh water but was unsuccessful. TOOH and L/D tagging sub. Gilbert Cordero approved perforating at 200' and attempting to establish circulation back to surface. R/U wireline services. RIH and perforated squeeze holes at 200'. Successfully established circulation down casing through perforations at 200' and back around and out Bradenhead valve at surface. TIH with tubing to 504'. R/U cementing services. Successfully circulated cement down through perforations at 200' and back around and out Bradenhead valve at surface. WOC overnight. Shut-in well for the day.

4/2/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U tagging sub. TIH and tagged surface plug at 50'. TOOH and L/D tagging sub. N/D BOP. Dug-out wellhead with backhoe. Performed wellhead cut-off. Ran weighted tally tape down surface casing annulus and tagged cement 50' down. R/U cementing services. Topped-off well with 14 sx of cement. Installed P&A marker and plate 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 2,400'-2,230', 110 Sacks Class C Cement(Re-pumped 55 sx))

Mixed 110 sx Class C cement and spotted a balanced plug to cover the San Andres perforations and formation top.

Plug #2:(Yates and Rustler Formation Tops 1,617'-880', 270 Sacks Class C Cement(Re-pumped 210 sx))

Mixed 270 sx Class C cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

Plug #3: (Surface Casing Shoe 504'-Surface, 154 Sacks) Class C Cement(14 sx for Top-off))

R/U wireline services. RIH and perforated squeeze holes at 200'. Successfully established circulation down casing through perforations at 200' and back around and out Bradenhead valve at surface. TIH with tubing to 504'. R/U cementing services. Successfully circulated cement down through perforations at 200' and back around and out Bradenhead valve at surface. WOC overnight. P/U tagging sub. TIH and tagged surface plug at 50'. TOOH and L/D tagging sub. N/D BOP. Dug-out wellhead with backhoe. Performed wellhead cut-off. Ran weighted tally tape down surface casing annulus and tagged cement 50' down. R/U cementing services. Topped-off well with 14 sx of cement. Installed P&A marker and plate 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.

Wellbore Diagram

Cato San Andres Unit #071
API #: 30-005-20020
Chaves County, New Mexico

Plug 3

504 feet - Surface
504 feet plug
154 sacks of Class C Cement
14 sacks for top-off

Plug 2

1617 feet - 880 feet
737 feet plug
270 sacks of Class C Cement
210 sacks re-pumped

Plug 1

2400 feet - 2230 feet
170 feet plug
110 sacks of Class C Cement
55 sacks re-pumped

Surface Casing

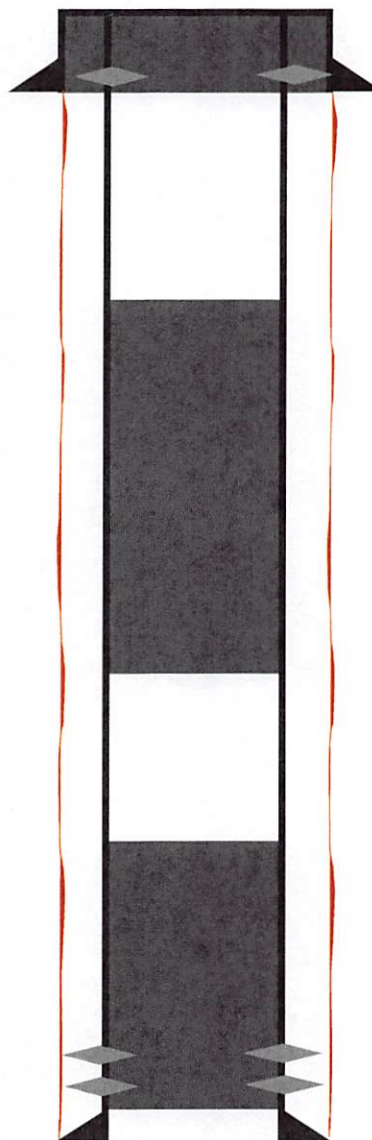
8.625" 20# @ 451 ft

Formation

Rustler - 1072 ft
Yates - 1545 ft

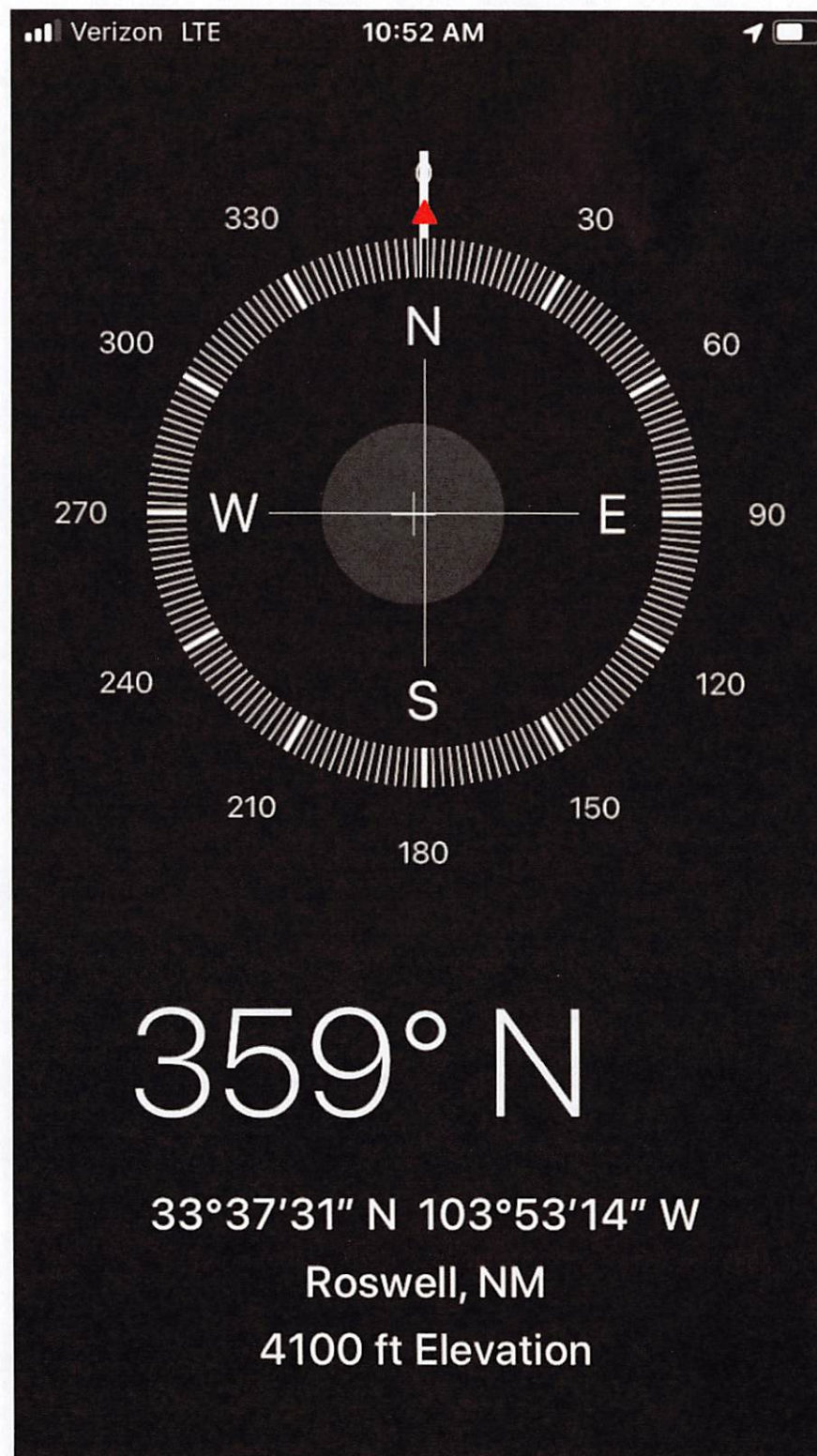
Production Casing

4.5" 9.5# @ 3480 ft









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CONDITIONS

Action 379258

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 379258
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	8/30/2024