

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

Form C-103
Revised July 18, 2013

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. 30-005-21164
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> M </u> <u> 1298 </u> feet from the <u> S </u> line and <u> 1306 </u> feet from the <u> W </u> line Section <u> 9 </u> Township <u> 08S </u> Range <u> 30E </u> NMPM County Chaves		8. Well Number <u> 328 </u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4058		9. OGRID Number 248802
		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.

Please see attached report.

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 9/16/24

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 #328

1298' FSL & 1306' FWL, Section 9, T8S, R30E

Chaves County, NM / API 30-005-21164

Work Summary:

- 12/13/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 12/14/21** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 320 psi, Bradenhead: 0 psi. Bled down well. Removed horse's head in preparation to pull rods. Worked stuck sucker rod pump free. L/D polish rod, 128- 3/4" sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. Worked stuck tubing. L/D 2 - 8' 2-3/8" subs, 105 joints of 2-3/8" tubing, seating nipple, 4' perforated pup joint, and 1 joint of 2-3/8" tubing with bull plug. P/U casing scraper and work string and tallied in the wellbore above top perforation to a depth of 3,160'. Secured and shut-in well for the day.
- 12/15/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U CR, TIH and set at 3,161'. Stung out of CR. R/U cementing services. Attempted to circulate wellbore with 80 bbls of fresh water but was unsuccessful. Pumped plug #1 from 3,161'-2,954' to cover the San Andres perforations and formation top. TOOH with tubing. WOC 4 hours. TIH and tagged plug #1 top at 3,155'. Tag depth was below minimum tag depth for plug #1. R/U cementing services. Re-pumped plug #1 from 3,155'-2,954' to cover the San Andres perforations and formation top. TOOH with tubing. WOC overnight. Secured and shut-in well for the day.
- 12/16/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 3,130'. R/U cementing services. Circulated wellbore with 40 bbls of fresh water.

Attempted to pressure test production casing to 500 psi in which it failed to hold pressure. Re-pumped plug #1 from 3,130'-2,864' to cover the San Andres perforations and formation top. TOOH. WOC 4 hours. R/U wireline services. Ran CBL from top of plug #1 at approximately 2,864' to surface. CBL results were sent to NMOCD office for review. Pressure tested production casing to 500 psi in which it successfully held pressure. RIH and perforated squeeze holes at 1,490'. Attempted to establish injection rate into perforations at 1,490' but was unsuccessful. RIH and perforated squeeze holes at 1,400'. Attempted to establish injection rate into perforations at 1,400' but was unsuccessful. RIH and perforated squeeze holes at 1,000'. Attempted to establish injection rate into perforations at 1,000' but was unsuccessful. TIH and tagged plug #1 top at 2,829'. Pumped 9.5 ppg mud spacer from 2,829'-1,595'. L/D tubing up to next plug depth. TOOH with remaining tubing. Secured and shut-in well for the day.

12/17/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with work string to 1,580'. R/U cementing services. Pumped plug #2 from 1,580'-872' to cover the Yates and Rustler formation tops. WOC 4 hours. L/D tubing up to next plug depth. TOOH with remaining tubing. TIH and tagged plug #2 top at 1,198'. R/U cementing services. Re-pumped plug #2 from 1,198'-800' to cover the Yates and Rustler formation tops. WOC 4 hours. TOOH with tubing. TIH and tagged plug #2 top at 878'. Pumped 9.5 ppg mud spacer from 878'-583'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 583'. R/U cementing services. Successfully established circulation down 5 ½" production casing through perforations at 583' and back around and out Bradenhead valve at surface. Successfully circulated cement down 5 ½" production casing through perforations at 583' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. WOC overnight. Secured and shut-in well for the day.

12/21/21 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 8-5/8" surface casing annulus and 5 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 3,161'-2,829', 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.

Plug #2:(Yates and Rustler Formation Tops 1,580'-878', 110 Sacks Type III Cement(Re-pumped 40 sx))

RIH and perforated squeeze holes at 1,490'. Attempted to establish injection rate into perforations at 1,490' but was unsuccessful. RIH and perforated squeeze holes at 1,400'. Attempted to establish injection rate into perforations at 1,400' but was unsuccessful. RIH and perforated squeeze holes at 1,000'. Attempted to establish injection rate into perforations at 1,000' but was unsuccessful. TIH and tagged plug #1 top at 2,829'. Pumped 9.5 ppg mud spacer from 2,829'-1,595'. L/D tubing up to next plug depth. TOOH with remaining tubing. TIH with work string to 1,580'. R/U cementing services. Pumped plug #2 from 1,580'-872' to cover the Yates and Rustler formation tops. WOC 4 hours. L/D tubing up to next plug depth. TOOH with remaining tubing. TIH and tagged plug #2 top at 1,198'. R/U cementing services. Re-pumped plug #2 from 1,198'-800' to cover the Yates and Rustler formation tops. WOC 4 hours. TOOH with tubing. TIH and tagged plug #2 top at 878'.

Plug #3: (Surface Casing Shoe 583'-Surface, 186 Sacks Type III Cement)

RIH and perforated squeeze holes at 583'. R/U cementing services. Successfully established circulation down 5 ½" production casing through perforations at 583' and back around and out Bradenhead valve at surface. Successfully circulated cement down 5 ½" production casing through perforations at 583' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. WOC overnight. Dug out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in both 8-5/8" surface casing annulus and 5 ½" production casing. Installed subsurface P&A marker per NMOC 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 #328

API #: 30-005-21164

Chaves County, New Mexico

Plug 3

583 feet - Surface

583 feet plug

186 sacks of Type III Cement

Plug 2

1580 feet - 878 feet

702 feet plug

110 sacks of Type III Cement

40 sacks re-pumped

Plug 1

3161 feet - 2829 feet

332 feet plug

75 sacks of Type III Cement

50 sacks re-pumped

Perforations

3224 ft - 3250 ft

Surface Casing

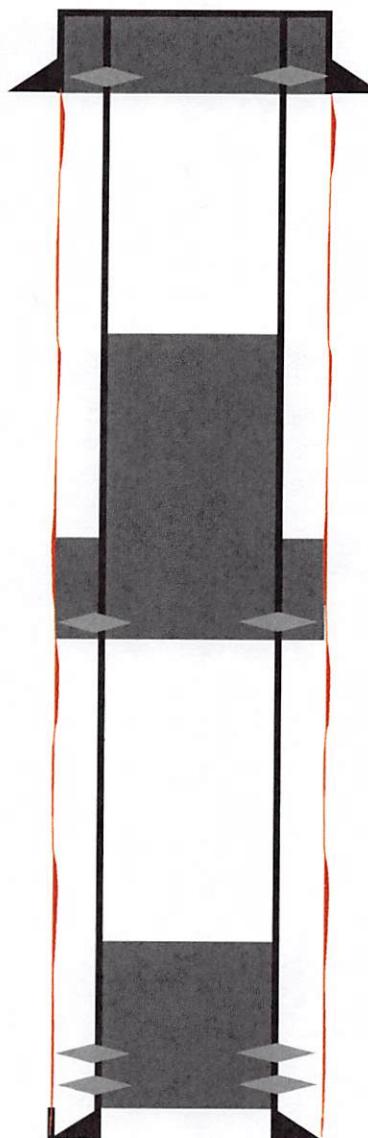
8.625" 24# @ 533 ft

Formation

San Andres - 2474 ft

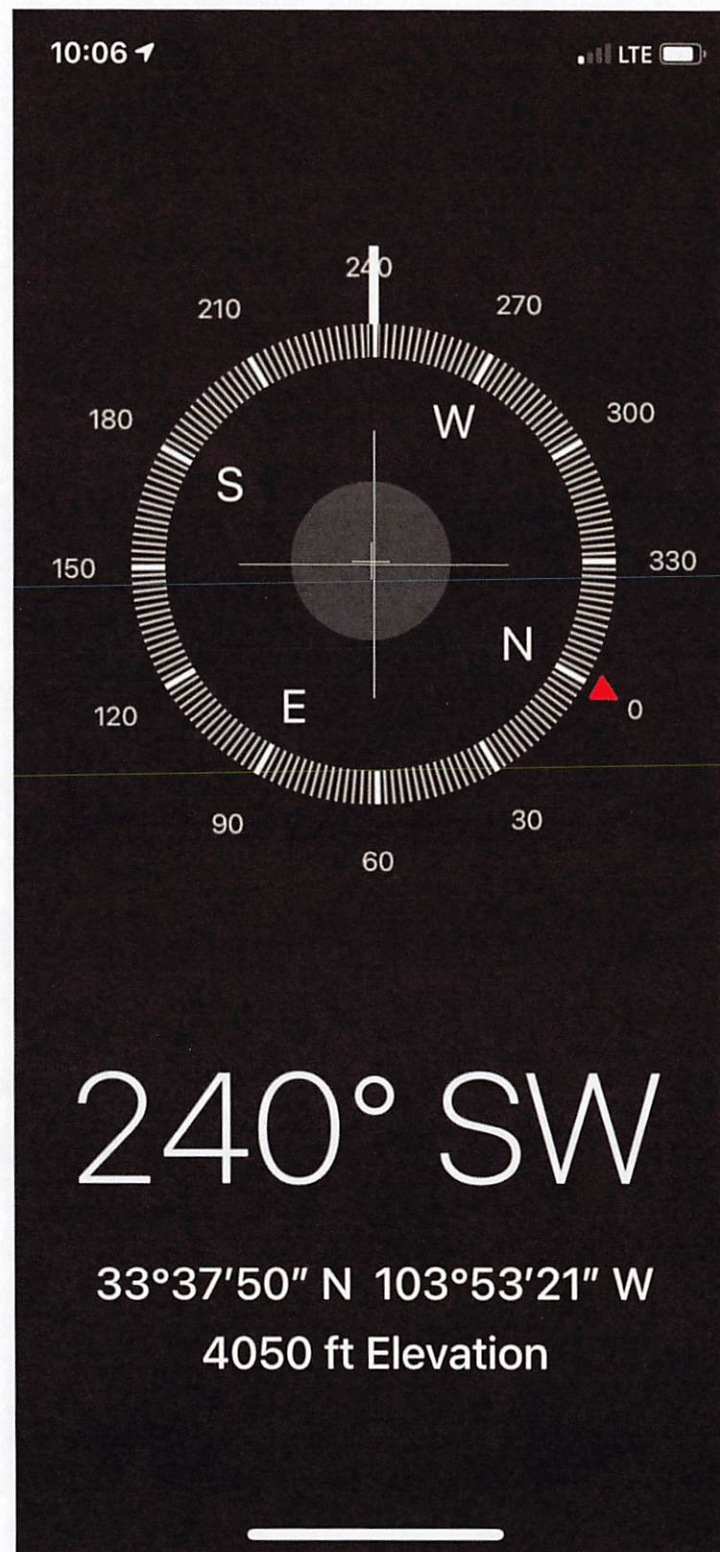
Production Casing

5.5" 15.5# @ 3444 ft









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CONDITIONS

Action 383882

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 383882
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
samuel.romero	Operator must submit a C-103Q within one year from plugging date in order for OCD to perform a site inspection.	10/2/2024