

State of New Mexico
Energy, Minerals and Natural Resources

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

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. 30-005-20002
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>16</u> Township <u>08S</u> Range <u>30E</u> NMPM County Chaves		8. Well Number <u>96</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4118		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:		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"/>	PNR <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 plans to plug this well in accordance with the attached procedure and any agreed modifications thereto.

ESTIMATED START DATE 1/25/21

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 2/15/21

Type or print name Drake McCulloch E-mail address: drake@dwsrigns.com PHONE: 505 320 1180

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/8/21

Conditions of Approval (if any)

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #96

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

Chaves County, NM / API 30-005-20002

Work Summary:

- 2/23/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 2/24/21** 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. P/U and M/U mule shoe sub. TIH and tagged up at 970'. Worked down to 1,010' but could not work mule shoe sub down any further. TOO H and L/D mule shoe sub. Kerry Fortner approved to TIH and set packer above 1,010' and pump cement to account for wellbore volume from 900' to perforations with 100% excess. P/U 1 joint of tubing, 4.5" packer, and additional tubing to a EOT depth of 888' with packer set at 857'. R/U cementing services. Successfully established circulation below packer. Pumped plug #1 from 3,274'-900' to cover the San Andres perforations and formation top, Yates, and Rustler formation tops. WOC overnight. Release packer and TOO H. Shut-in well for the day.
- 2/25/21** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 827'. Loaded wellbore with 16 bbls of fresh water. Attempted to pressure test production casing but circulation started coming out of Bradenhead. Kerry Fortner with NMOCD requested to perforate squeeze holes at 491'. TOO H with tubing. R/U wireline services. RIH and perforated squeeze holes at 491'. TIH with 16 joints of tubing to a EOT depth of 509'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Pumped surface plug with 267 sx Class C cement. During pumping circulation to the Bradenhead was lost.

NMOCD requested to WOC and tag surface plug since circulation was lost. WOC 4 hours. TIH and tagged surface plug at perforation depth of 491'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing through perforations at 491' and back around and out Bradenhead valve at surface. WOC overnight. Shut-in well for the day.

2/26/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 1 joint of tubing and tagged cement 17' down in 4.5" production casing. N/D BOP. R/D P&A rig. Performed wellhead cut-off. Cement was 5' down in 8-5/8" surface casing. Kerry Fortner with NMOCD approved installing P&A marker and plate. 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, Yates/Rustler Formation Tops 3,274'-827', 267 Sacks Class C Cement)

Kerry Fortner approved to TIH and set packer above 1,010' and pump cement to account for wellbore volume from 900' to perforations with 100% excess. P/U 1 joint of tubing, 4.5" packer, and additional tubing to a EOT depth of 888' with packer set at 857'. R/U cementing services. Successfully established circulation below packer. Pumped plug #1 from 3,274'-900' to cover the San Andres perforations and formation top, Yates, and Rustler formation tops.

Plug #2: (Surface Casing Shoe 509'-Surface, 404 Sacks(Re-pumped 137 sacks) Class C Cement)

Kerry Fortner with NMOCD requested to perforate squeeze holes at 491'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 491'. TIH with 16 joints of tubing to a EOT depth of 509'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Pumped surface plug with 267 sx Class C cement. During pumping circulation to the Bradenhead was lost. NMOCD requested to WOC and tag surface plug since circulation was lost. WOC 4 hours. TIH and tagged surface plug at perforation depth of 491'. R/U cementing services. Successfully established circulation down tubing through perforations at 491' and back around and out Bradenhead valve at surface. Successfully circulated cement down tubing through perforations at 491' and back around and out

Bradenhead valve at surface. P/U 1 joint of tubing and tagged cement 17' down in 4.5" production casing. N/D BOP. R/D P&A rig. Performed wellhead cut-off. Cement was 5' down in 8-5/8" surface casing. Kerry Fortner with NMOCD approved installing P&A marker and plate. Installed P&A marker and plate per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates.

Wellbore Diagram

Cato San Andres Unit #096

API #: 30-005-20002

Chaves County, New Mexico

Plug 2

509 feet - Surface

509 feet plug

404 sacks of Class C Cement

137 sacks re-pumped

Plug 1

3274 feet - 827 feet

2447 feet plug

267 sacks of Class C Cement

Surface Casing

8.625" 20# @ 441 ft

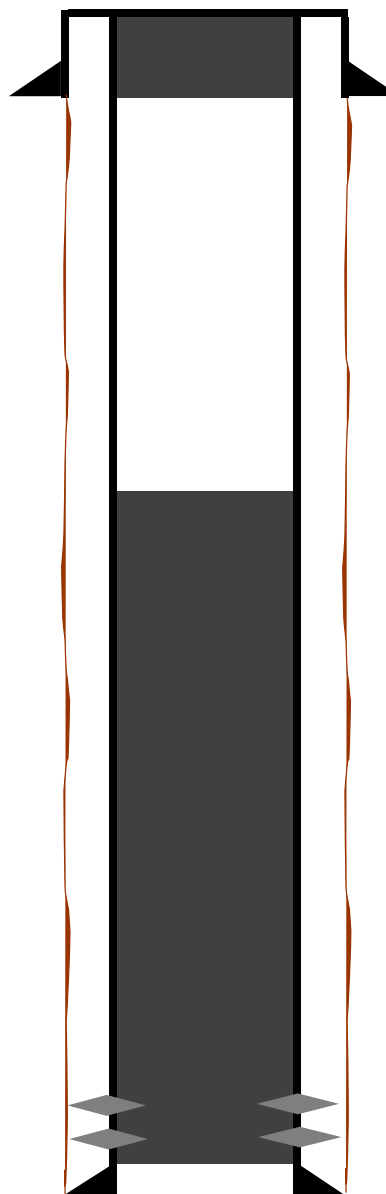
Formation

Rustler - 1072 ft

Yates - 1545 ft

Production Casing

4.5" 9.5# @ 3597 ft



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CONDITIONS

Action 20681

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 20681
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	None	7/8/2021