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

WELL API NO. 30-005-20021

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Cato San Andres Unit

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 72

2. Name of Operator: Cano Petro of New Mexico, Inc.

9. OGRID Number: 330485

3. Address of Operator: 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102

10. Pool name or Wildcat: Cato; San Andres

4. Well Location
Unit Letter B 660 feet from the N line and 1980 feet from the E line
Section 16 Township 08S Range 30E NMPM County Chaves

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 4079

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☒
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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.

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 #72

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

Chaves County, NM / API 30-005-20021

Work Summary:

4/4/21 Made NMOCD P&A operations notifications at 9:00 AM MST.

4/5/21 MOL and R/U P&A rig. Checked well pressures: Tubing: N/A, Casing: 25 psi, Bradenhead: 0 psi. Bled down well. L/D rod string and rod pump. L/D 122- ¾" rods, 13 7/8" guided rods, and rod pump. R/D wellhead, R/U companion flange. N/U BOP and function tested. Worked tubing free. TOOH and L/D 60 joints of 2-3/8" tubing. Once tubing was out of the hole H2S gas was detected. Killed well with fresh water to control H2S returns. Shut-in well for the day.

4/6/21 Checked well pressures: Tubing: 150 psi, Casing: 20 psi, Bradenhead: 0 psi. Bled down well. When well was bled down the presence of H2S gas was detected. Pumped 20 bbls of fresh water and 10 bbls of 9.5 ppg mud to kill well. TOOH with 98 joints of 2-3/8" tubing, 4 ½" AD1 packer, 7 additional joints of 2-3/8" tubing, seating nipple, and perf sub. Packer had to be stripped out of wellhead to L/D. R/U wellhead. N/U BOP and function tested. P/U casing scraper and round tripped above top perforation at 3,210'. P/U CR, TIH and set at 3,190'. R/U cementing services. Loaded tubing with fresh water. Stung out of CR and loaded casing with fresh water. Attempted to pressure test production casing to 500 psi but pressure bled down to 450 psi within 15 minutes. Pumped plug #1 from 3,190'-2,367' to cover the San Andres perforations and formation top. WOC overnight. L/D 23 joints of tubing. TOOH with tubing and L/D setting tool. Shut-in well for the day.

4/7/21 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. RIH and tagged plug #1 top at 2,460'. Ran CBL from 2,200' to surface. CBL results were sent to NMOCD for review. Kerry Fortner requested to perforate at 1,595'. TIH to 2,460'. R/U cementing services. Spotted 9.5 ppg mud spacer from 2,460'-1,600'. TOOH with work string. R/U wireline services. RIH and perforated squeeze holes at 1,595'. Successfully established injection rate of 1.7 bpm at 700 psi into perforations at 1,595'. P/U 1 joint of tubing, and 4 ½" packer. TIH to an EOT depth of 440'. Set packer. Successfully established injection rate of 1.7 bpm at 500 psi below packer. R/U cementing services. Pumped plug #2 from 1,595'-800' to cover the Yates and Rustler formation tops. Released packer and TOOH. While TOOH well started to flow back. Shut-in well. WOC 4 hours. P/U tagging sub. TIH and tagged plug #2 top at 460'. Kerry Fortner approved tag depth and requested to perforate at 440'. TOOH. R/U wireline services. RIH and perforated squeeze holes at 440'. R/U cementing services. Successfully established circulation down casing through perforations at 440' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 440' and back around and out Bradenhead valve at surface. WOC overnight. Shut-in well for the day.

4/8/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged surface plug at 15'. N/D BOP. Used backhoe to dig out wellhead for cut-off. Performed wellhead cut-off. Cement was 5' down in surface casing and at surface in annulus. 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. Material left on location: 122- ¾" sucker rods, 13- 7/8" guided rods, rod pump, 105 joints of 2-3/8" tubing, wellhead, pumpjack, 4 ½" packer.

Plug Summary:

Plug #1:(San Andres Perforations and Formation Top 3,190'-2,460', 50 Sacks Class C Cement)

Mixed 50 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 1,595'-460', 150 Sacks Class C Cement(Squeezed 72 sacks)

RIH and perforated squeeze holes at 1,595'. Successfully established injection rate of 1.7 bpm at 700 psi into perforations at 1,595'. P/U 1 joint of tubing, and 4 ½" packer. TIH to an EOT depth of 440'. Set packer. Successfully established injection rate of 1.7 bpm at 500 psi

below packer. R/U cementing services. Pumped plug #2 from 1,595'-800' to cover the Yates and Rustler formation tops. Released packer and TOOH. While TOOH well started to flow back. Shut-in well. WOC 4 hours. P/U tagging sub. TIH and tagged plug #2 top at 460'. Kerry Fortner approved tag depth and requested to perforate at 440'.

Plug #3: (Surface Casing Shoe 440'-Surface, 135 Sacks) Class C Cement)

RIH and perforated squeeze holes at 440'. R/U cementing services. Successfully established circulation down casing through perforations at 440' and back around and out Bradenhead valve at surface. Successfully circulated cement down casing through perforations at 440' and back around and out Bradenhead valve at surface. WOC overnight. TIH and tagged surface plug at 15'. N/D BOP. Used backhoe to dig out wellhead for cut-off. Performed wellhead cut-off. Cement was 5' down in surface casing and at surface in annulus. 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 #072
API #: 30-005-20021
Chaves County, New Mexico

Plug 3

440 feet - Surface

440 feet plug

135 sacks of Class C Cement

Plug 2

1595 feet - 460 feet

1135 feet plug

150 sacks of Class C Cement

72 sacks squeezed

Plug 1

3190 feet - 2460 feet

730 feet plug

50 sacks of Class C Cement

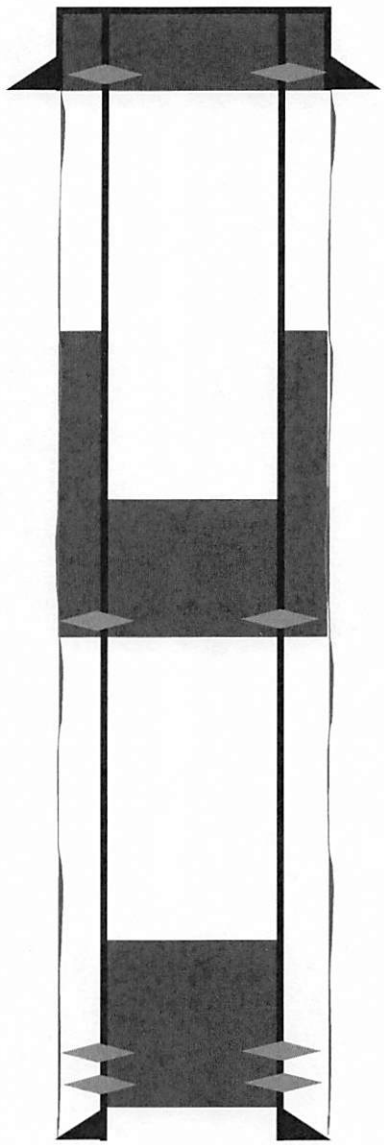
Surface Casing

8.625" 20# @ 453 ft

Formation

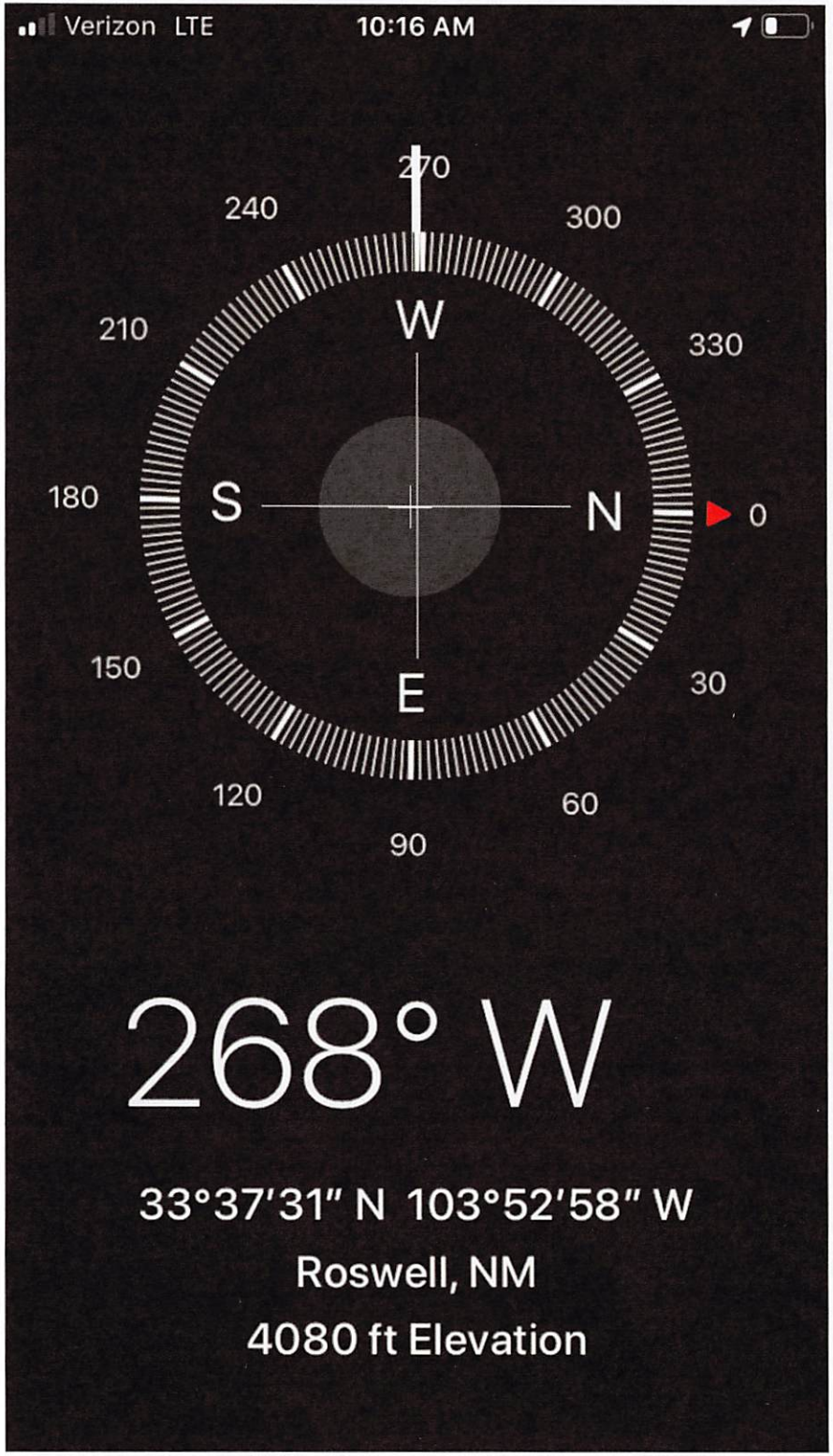
Rustler - 1072 ft

Yates - 1545 ft



Production Casing

4.5" 9.5# @ 3444 ft


Verizon LTE
10:16 AM
270
240
300
210
W
330
180
S
N
0
150
E
30
120
60
90
268° W
33°37'31" N 103°52'58" W
Roswell, NM
4080 ft Elevation

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 379260

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 379260
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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