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. 30-005-20932

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 002

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

9. OGRID Number: 248802

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 G 2230 feet from the N line and 1980 feet from the E line
Section 3 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.

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

Conditions of Approval (if any):

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

Cato San Andres Unit #002

2230' FNL & 1980' FEL, Section 3, T8S, R30E

Chaves County, NM / API 30-005-20932

Work Summary:

1/4/22	Made NMOCD P&A operations notifications at 9:00 AM MST.
1/5/22	MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 240 psi. Bled down well. Removed horse's head in preparation to pull rods. Worked stuck sucker rod pump free. L/D polish rod, 1 – 8' ¾" pony rod, 121- ¾" sucker rods, 12 – 7/8" guided sucker rods, and sucker rod pump. Secured and shut-in well for the day.
1/6/22	Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Worked stuck tubing. Continued to work stuck tubing but could not get it to break loose. N/D BOP, N/U wellhead. R/D and move to Cato San Andres Unit #001.
1/12/22	MOL and R/U P&A rig. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Worked stuck tubing but could not get tubing to break free. R/U wireline services. RIH and jet cut tubing at 3,248'. Continued to work stuck tubing but still could not work it free. Pumped fresh water down tubing to attempt to circulate wellbore but could not establish circulation. The tubing has approximately 5' of travel up-ward. According to pipe stretch calculations the tubing would be stuck below TD of well. Secured and shut-in well for the day.

1/13/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Worked stuck tubing but had no luck working it free. Attempted to circulate down tubing with 20 bbls of fresh water but could not establish circulation. R/U wireline services. RIH and jet-cut tubing at 2,000'. L/D 63 joints of 2-3/8" tubing and a 15' joint of tubing. P/U casing scraper and work string and round tripped to 2,000'. P/U CR, TIH and set at 1,990'. R/U cementing services. Pumped plug #1 below CR at 1,990'. Squeezed 104 sx of cement below CR before wellbore locked up to account for wellbore capacity from 3,288'-1,990' cover the San Andres perforations and formation top. Stung out of CR and spotted 4 sx of cement on top of CR at 1,990'. TOOH with tubing. R/U wireline services. Ran CBL from 1,900' to surface. CBL results were sent to NMOCD office for review. Secured and shut-in well for the day.

1/14/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 1,927'. Pressure tested production casing to 500 psi in which it successfully held pressure. Pumped 9.5 ppg mud spacer from 1,927'-1,595'. TOOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 1,595'. Successfully established injection rate into perforations at 1,595'. P/U CR, TIH and set at 1,198'. R/U cementing services. Pumped plug #2 from 1,595'-1,198' to cover the Yates formation top. R/U wireline services. RIH and perforated squeeze holes at 1,112'. Successfully established circulation down production casing through perforations at 1,112' and back around and out Bradenhead valve at surface. Secured and shut-in well for the day.

1/18/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Successfully established circulation down production casing through perforations at 1,112' and back around and out Bradenhead valve at surface. Successfully circulated cement down production casing through perforations at 1,112' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D P&A rig. Secured and shut-in well for the day.

1/19/22 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 18' down. Ran ¾" poly pipe down 4 ½" production casing and topped-off well with 2 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 3,288'-1,927', 108 Sacks Type III Cement(Squeezed 104 sx))

P/U CR, TIH and set at 1,990'. R/U cementing services. Pumped plug #1 below CR at 1,990'. Squeezed 104 sx of cement below CR before wellbore locked up to account for wellbore capacity from 3,288'-1,990' cover the San Andres perforations and formation top. Stung out of CR and spotted 4 sx of cement on top of CR at 1,990'. TIH and tagged plug #1 top at 1,927'.

Plug #2:(Yates and Rustler Formation Tops 1,595'-1,198', 150 Sacks Type III Cement(Squeezed 125 sx)

RIH and perforated squeeze holes at 1,595'. Successfully established injection rate into perforations at 1,595'. P/U CR, TIH and set at 1,198'. R/U cementing services. Pumped plug #2 from 1,595'-1,198' to cover the Yates formation top.

Plug #3: (Rustler Formation Top and Surface Casing Shoe 1,112'-Surface, 384 Sacks Type III Cement(2 sx for Top-Off))

RIH and perforated squeeze holes at 1,112'. Successfully established circulation down production casing through perforations at 1,112' and back around and out Bradenhead valve at surface. Successfully circulated cement down production casing through perforations at 1,112' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. 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 18' down. Ran ¾" poly pipe down 4 ½" production casing and topped-off well with 2 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.

Wellbore Diagram

Cato San Andres Unit #002
API #: 30-005-20932
Chaves County, New Mexico

Plug 3

1112 feet - Surface

1112 feet plug

384 sacks of Type III

2 sacks for top-off

Plug 2

1595 feet - 1198 feet

397 feet plug

150 sacks of Type III

125 sacks squeezed

Plug 1

3288 feet - 1927 feet

1361 feet plug

108 sacks of Type III

104 sacks squeezed

Perforations

3288 ft - 3364 ft

3372 ft - 3394 ft

Surface Casing

8.625" 24# @ 1062 ft

Formation

Anhy - 1010 ft

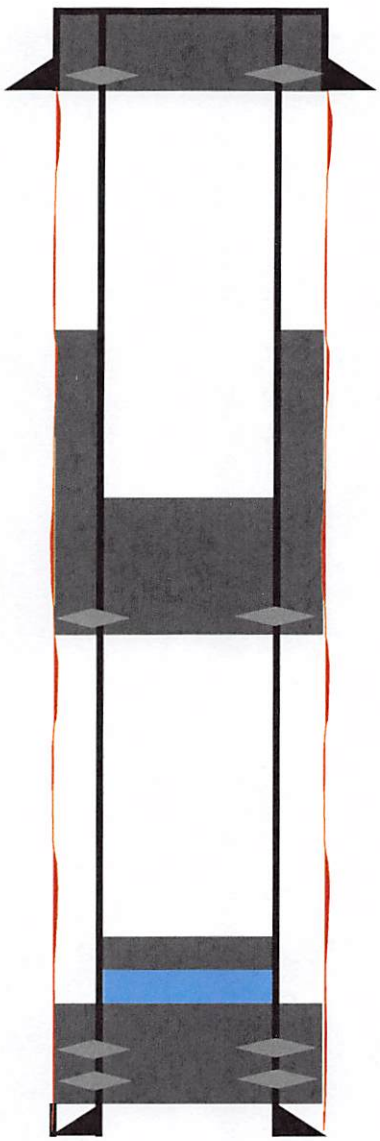
Yates - 1550 ft

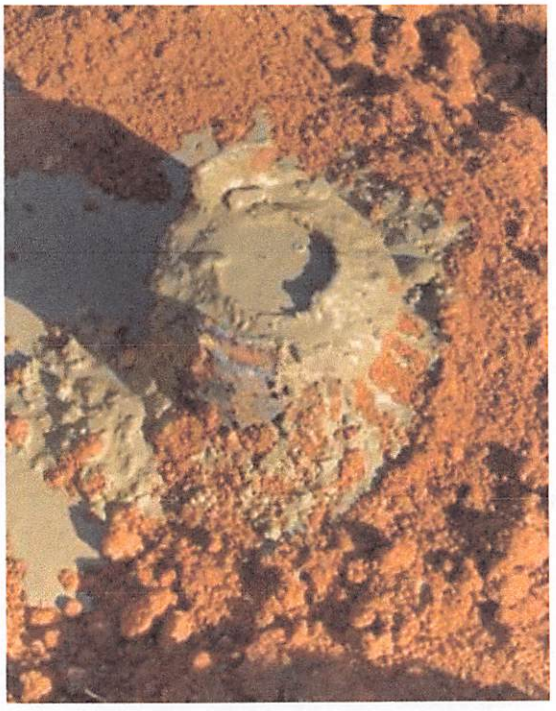
San Andres - 2985 ft

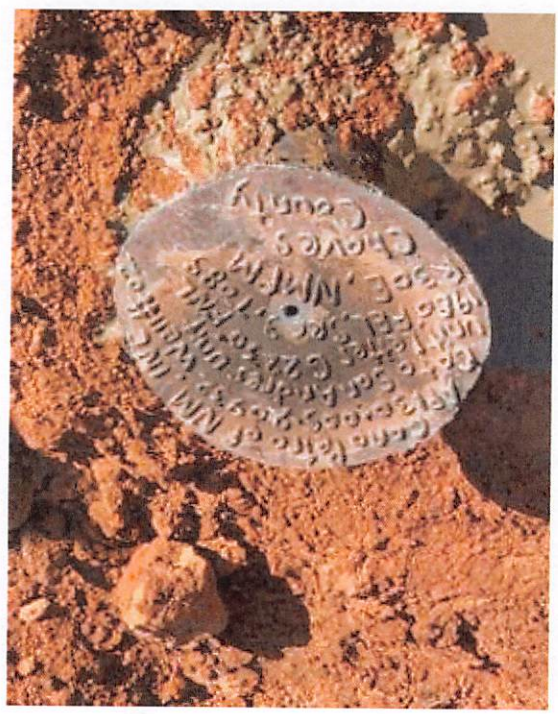
Retainer @ 1990 ft

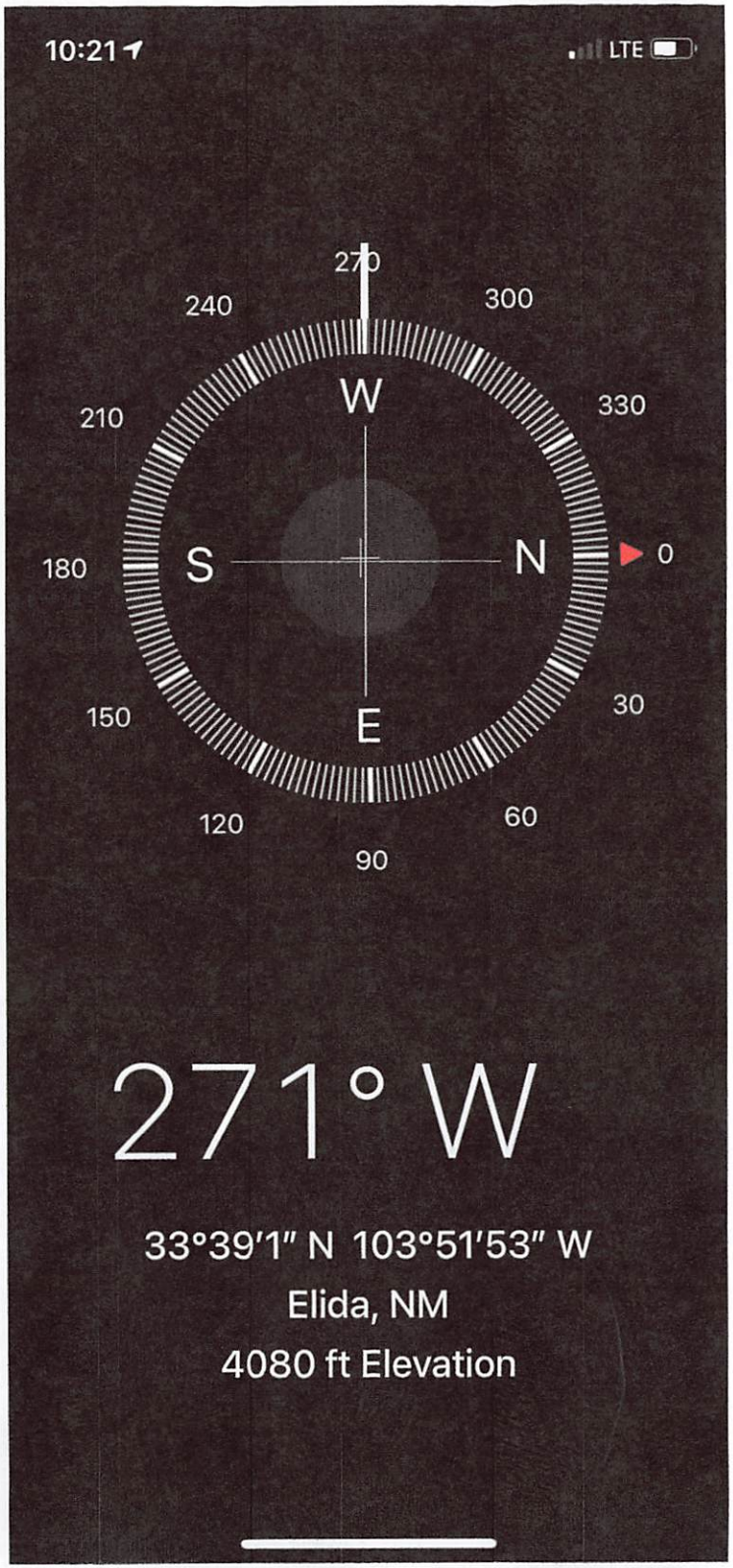
Production Casing

4.5" 10.5# @ 3445 ft





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90
271° W
33°39′1″ N 103°51′53″ W
Elida, NM
4080 ft Elevation

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 383884

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 383884
	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