

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 CS-105  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-005-10562
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 075
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 ☒ Gas Well ☐ Other

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 C 660 feet from the N line and 1980 feet from the W line  
Section 15 Township 08S Range 30E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4100

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☒  
CASING/CEMENT JOB ☐

P N R

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.

NMOCD plugged well according to attached EOW report and plugged WBD.

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 6/24/22

Type or print name Drake McCulloch E-mail address: [drake@dwsrigs.com](mailto:drake@dwsrigs.com) PHONE: 505 320 1180

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/1/22

Conditions of Approval (if any)





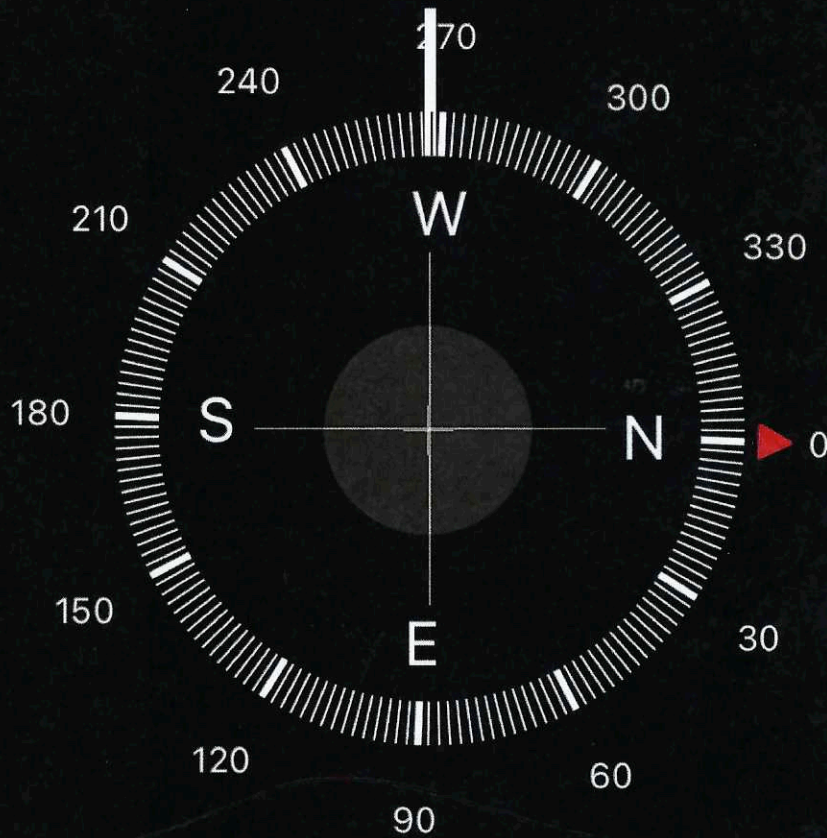






11:06 ↗

LTE 



267° W

33°37'31" N 103°52'11" W

Roswell, NM

4090 ft Elevation

**Cano Petro Inc./NMOCD OWP****Plug And Abandonment End Of Well Report****Cato San Andres Unit #075**

660' FNL &amp; 1980' FWL, Section 15, T8S, R30E

Chaves County, NM / API 30-005-10562

**Work Summary:**

- 6/17/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 6/20/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Removed horse's head in preparation to pull sucker rods. Worked stuck sucker rod string free. L/D polish rod, 127 - 3/4" sucker rods, 12 - 7/8" sucker rods, and sucker rod pump. N/D wellhead, N/U BOP and function tested. Worked stuck tubing free. L/D 1 - 4' pup joint, 2 - 6' pup joints, and 60 joints of 2-3/8" production tubing. Shut down due to lightning. Secured and shut-in well for the day.
- 6/21/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. L/D 44 joints of 2-3/8" production tubing, tubing anchor, 3 - joints of 2-3/8" tubing, 1 - 4' perforated sub, and 1 additional joint of 2-3/8" tubing with bull plug. P/U 4 1/2" casing scraper and work string and round tripped above top perforation to a depth of 3,390'. P/U 4 1/2" CR, TIH and set at 3,325'. Stung out of CR. R/U cementing services. Circulated wellbore clean with 35 bbls of fresh water. Pumped plug #1 from 3,325'-2,958' 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 2,958' to surface. CBL results were sent to NMOCD office for review. TIH and tagged plug #1 top at 2,934'. R/U cementing services. Attempted to pressure test production casing but it failed to hold pressure. Spotted 9.5 ppg mud spacer from 2,934'-1,595'. L/D tubing up to next plug depth. R/U cementing services. Pumped plug #2 from



1,595'-900' to cover the Yates and Rustler formation tops. TOOH. WOC overnight. Secured and shut-in well for the day.

**6/22/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #2 top at 945'. R/U cementing services. Spotted 9.5 ppg mud spacer from 945'-510'. L/D tubing to surface. R/U wireline services. RIH and perforated squeeze holes at 510'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 510' and back around and out Bradenhead valve at surface with 29 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 510' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

**6/23/22** 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 both the 8-5/8" surface casing annulus and 4 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 3,325'-2,934', 25 Sacks Type III Cement)**

Mixed 25 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 1,595'-945', 46 Sacks Type III Cement)**

Mixed 46 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

##### **Plug #3: (Surface Casing Shoe 510'-Surface, 125 Sacks Type III Cement)**

RIH and perforated squeeze holes at 510'. R/U cementing services. Successfully established circulation down 4 ½" production casing through perforations at 510' and back around and out Bradenhead valve at surface with 29 bbls of fresh water. Successfully circulated cement down 4 ½" production casing through perforations at 510' and back around and out Bradenhead valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Dug-out wellhead with backhoe. Performed wellhead cut-off. Cement was at surface in both the 8-5/8" surface

casing annulus and 4 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.

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## End of Well Wellbore Diagram

Cato San Andres Unit #075  
API #: 30-005-10562  
Chaves County, New Mexico

### Plug 3

510 feet - Surface  
510 foot plug  
125 sacks of Type III Cement

### Plug 2

1595 feet - 945 feet  
650 foot plug  
46 sacks of Type III Cement

### Plug 1

3325 feet - 2934 feet  
391 foot plug  
25 sacks of Type III Cement

### Perforations

3370 feet - 3422 feet

### Surface Casing

8.625" 24# @ 460 ft

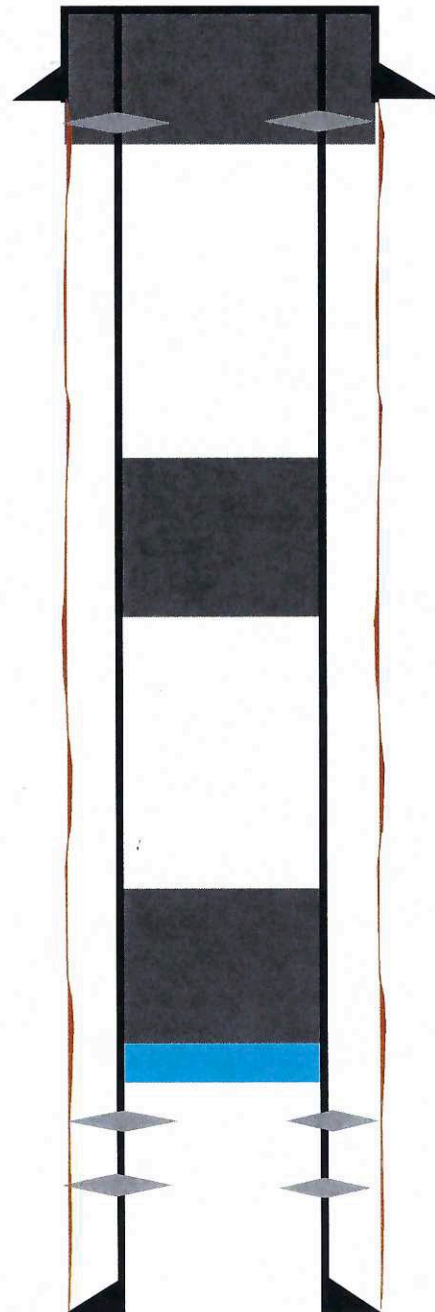
### Formation

Rustler - 1072 ft  
Yates - 1545 ft  
San Andres - 3320 ft

Retainer @ 3325 ft

### Production Casing

4.5" 9.5# @ 3530 ft





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COMMENTS

Action 120449

COMMENTS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 120449
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	7/6/2022



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CONDITIONS  
  
Action 120449

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Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 120449
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Need C103Q and marker pics to release	7/1/2022