

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

WELL API NO. 30-005-20070 <del>XXXX</del> 20071
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
8. Well Number: 127
9. OGRID Number: 248802
10. Pool name or Wildcat Cato; San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>
2. Name of Operator Cano Petro on NM. INC
3. Address of Operator 801 Cherry Street Unit 25 Suite 3200 Fort Worth, Texas 76102
4. Well Location Unit Letter: A : 660 feet from the N line and 660 feet from the E line Section 22 Township 08S Range 30E NMPM County: Chaves
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 ☐  
 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 Plugging Procedure/Events 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: 9/7/23

Type or print name: Ethan Wakefield E-mail address: [e.wakefield@dwsrigns.com](mailto:e.wakefield@dwsrigns.com) PHONE: (405)343-7736

For State Use Only

APPROVED BY: John Garcia TITLE: Petroleum Supervisor DATE: 9/13/23  
 Conditions of Approval (if any):

## **Cano Petro**

### **Plug And Abandonment End Of Well Report**

#### **Cato San Andres #127**

660' FNL & 660' FEL, Section 22, 8S, 30E

Chaves County, NM / API 30-005-20071

#### **Work Summary:**

- 8/11/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 8/12/23** Arrived on location and held safety meeting. Fixed roads to location. Move on location. R/U P&A unit. Shut down and secured location.
- 8/13/23** Arrived on location and held safety meeting. Preformed rig maintenance and made location bigger.
- 8/14/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. L/D 127 3/4" rods, and 12 5/8" rods. N/U BOP and function tested. L/D tubing. P/U casing scraper. TIH with casing scraper to 3472'. TOOH. L/D scraper. P/U CR. TIH and set CR at 3346'. Attempted to roll hole but was unable to establish circulation. Shut in and secured well.
- 8/15/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged CR at 3346'. R/U cementing services. Attempted to pressure test casing but was unsuccessful, test failed at 400 PSI. Pumped plug #1 from 3346' to 2660'. R/D cementers. TOOH. R/U wireline services. RIH and logged well. POOH. TIH and tagged plug #1 at 2730'. R/U cementing services. Continued pumping plug #1 from 2730' to 2660'. WOC overnight. Secured and shut in well.
- 8/16/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged plug #1 at 2510'. R/U cementing services. Pumped mud gel spacer from 2510' to 1640'. Attempted to pressure test casing but was

unsuccessful. R/U wireline services. RIH and perforated at 1648'. POOH. P/U packer. TIH and set at 1225'. R/U cementing services. Pumped plug #2 from 1648' to 1325'. WOC. TIH and tagged at 1313'. R/U cementing services. Attempted to pressure test casing but was unsuccessful. Pumped mud/gel spacer from 1313' to 1040'. TOOH. R/U wireline services. RIH and perforated at 1040'. P/U packer. TIH and set at 585'. R/U cementing services. Pumped plug #3 from 1040' to 717'. TOOH. WOC overnight. Shut in and secured well.

**8/17/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged plug #3 at 807'. R/U cementing services. Continued pumping plug #3 with 7 sx. WOC. Tagged at 700'. Pumped mud/gel spacer to 500'. R/U wireline services. RIH and perforated at 500'. POOH. R/U cementing services. Circulated with water down casing, through perforations, and out BH valve at surface. Pumped plug #4 down casing, through perforations, and out BH valve at surface. WOC overnight. Secured well.

**8/21/23** Arrived on location and held safety meeting. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at surface inside and tagged at 11' outside. Filled casing to surface with 3 sacks. Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 3,346'-2,510', 71 Sacks Type I/II Cement)**

P/U CR. TIH and set CR at 3346'. Ttagged CR at 3346'. R/U cementing services. Attempted to pressure test casing but was unsuccessful, test failed at 400 PSI. Pumped plug #1 from 3346' to 2660'. R/D cementers. TOOH. R/U wireline services. RIH and logged well. POOH. TIH and tagged plug #1 at 2730'. R/U cementing services. Continued pumping plug #1 from 2730' to 2660'. WOC overnight. TIH and tagged plug #1 at 2510'.

##### **Plug #2: (Yates Formation Top 1,648' -1,313', 93 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforated at 1648'. POOH. P/U packer. TIH and set at 1225'. R/U cementing services. Pumped plug #2 from 1648' to 1325'. WOC. TIH and tagged at 1313'.

**Plug #3: (Anhy Formation Tops, 1,040' to 700', 100 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforated at 1040'. P/U packer. TIH and set at 585'. R/U cementing services. Pumped plug #3 from 1040' to 717'. TOOH. WOC overnight. TIH and tagged plug #3 at 807'. R/U cementing services. Continued pumping plug #3 with 7 sx. WOC. Tagged at 700'

**Plug #4: (Surface Casing Shoe, 500' to Surface', 147 Sacks Type I/II Cement (3 sx for top off))**

R/U wireline services. RIH and perforated at 500'. POOH. R/U cementing services. Circulated with water down casing, through perforations, and out BH valve at surface. Pumped plug #4 down casing, through perforations, and out BH valve at surface. WOC overnight. Performed wellhead cutoff. Removed old wellhead. Tagged cement at surface inside and tagged at 11' outside. Filled casing to surface with 3 sacks. Welder attached marker per NMOCD regulations.

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## Completed Wellbore Diagram

Cano Petro Of New Mexico  
Cato San Andres #127  
API: 30-005-20071  
Chaves County, New Mexico

### Surface Casing

8.625" 24# @ 450 ft  
OH: 12.25"

### Plug 4

500 feet - Surface  
500 foot plug  
147 Sacks of Type I/II Cement

### Plug 3

1040 feet - 700 feet  
340 foot plug  
100 Sacks of Type I/II Cement

### Plug 2

1648 feet - 1313 feet  
335 foot plug  
93 Sacks of Type I/II Cement

### Plug 1

3446 feet - 2510 feet  
836 foot plug  
71 sacks of Type I/II Cement

### Formation

anhy 990'  
Yates - 1598'  
San Andres - 2760'

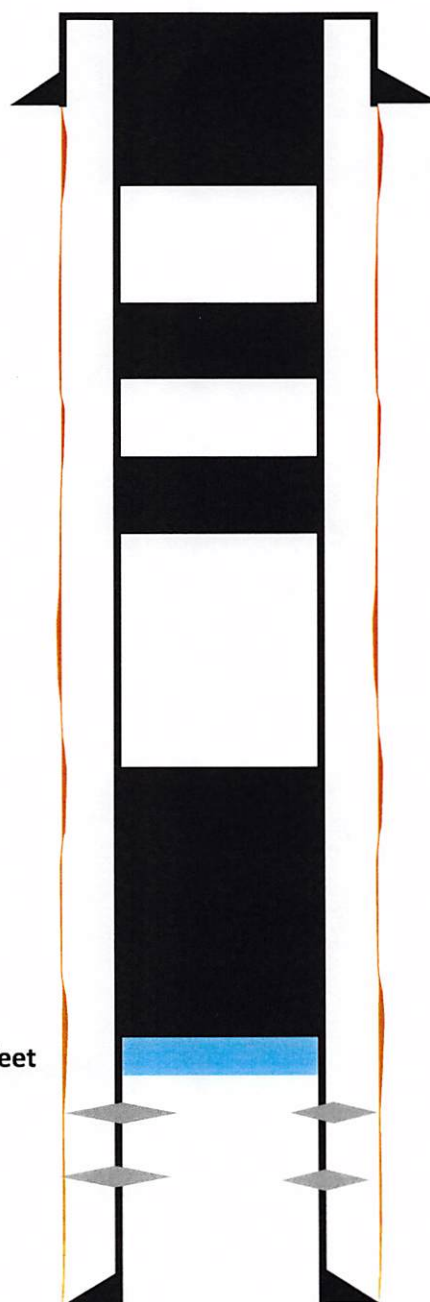
Retainer @ 3446 feet

### Perforations

3496 feet - 3569 feet

### Production Casing

4.5" 9.5# @ 3696 feet  
OH: 7.875"

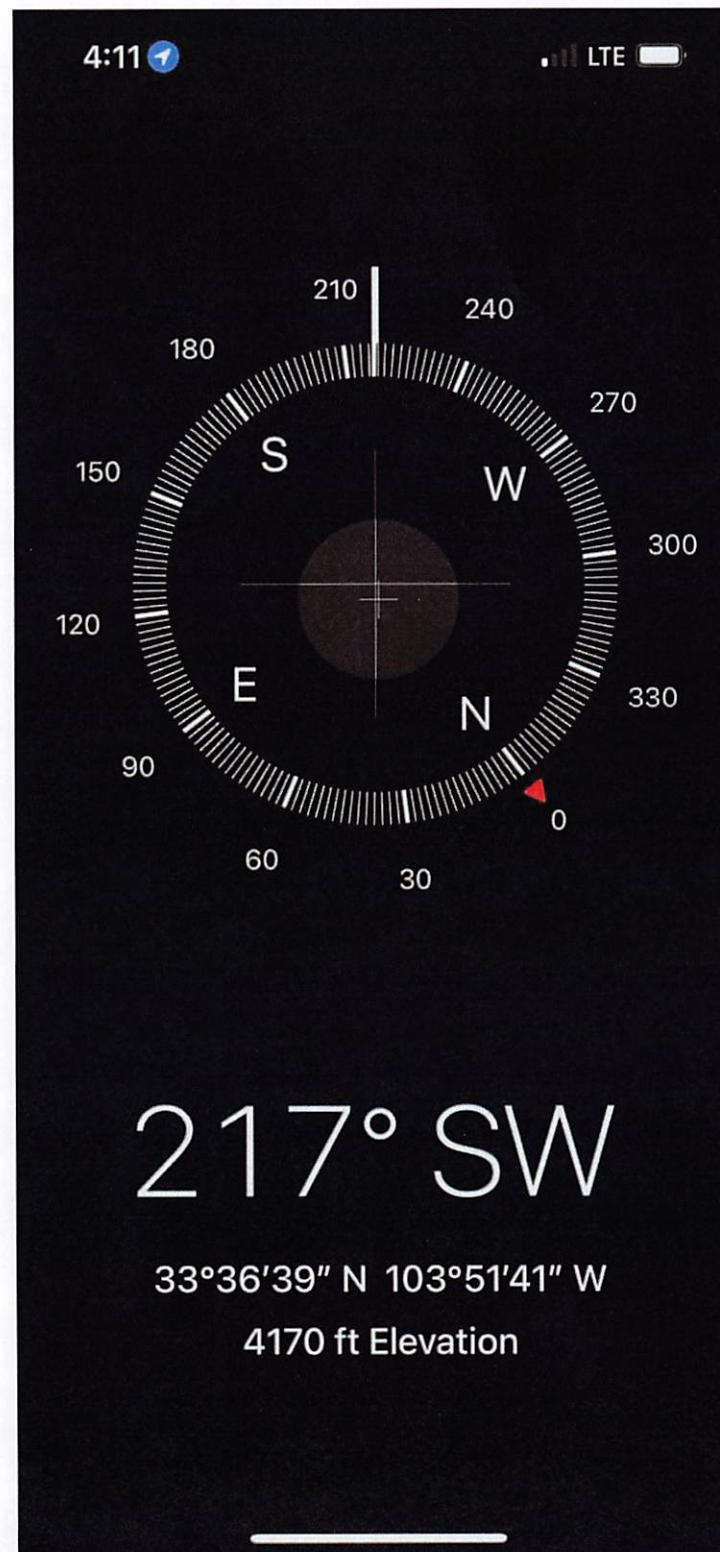
















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**State of New Mexico**  
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**Santa Fe, NM 87505**

CONDITIONS  
  
Action 264402

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 264402
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Plugging of the wellbore is completed and approved, future work may be required on the marker.	10/24/2023