

Submit One Copy To Appropriate District  
Office

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

811 S. First St., Artesia, NM 88210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

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 November 3, 2011

WELL API NO. 30-005-10586
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 Twin Lakes San Andres
8. Well Number 069
9. OGRID Number 248802
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 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 17 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 ☐

## SUBSEQUENT REPORT OF:

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

OTHER: ☐☒ Location is ready for OCD inspection after P&A

- ☒ All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan.
- ☒ Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned.
- ☒ A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the

**OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. ALL INFORMATION HAS BEEN WELDED OR PERMANENTLY STAMPED ON THE MARKER'S SURFACE.**

- ☐ The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
- ☐ Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
- ☐ If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
- ☐ All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
- ☐ All other environmental concerns have been addressed as per OCD rules.
- ☐ Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.
- ☐ If this is a one-well lease or last remaining well on lease: all electrical service poles and lines have been removed from lease and well location, except for utility's distribution infrastructure.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE Ethan Wakefield TITLE Authorized RepresentativeDATE 6/20/23

TYPE OR PRINT NAME Ethan Wakefield  
For State Use Only

E-MAIL: e.wakefield@dwsrigs.comPHONE (405) 343-7736TITLE Petroleum SpecialistDATE 7/19/23

## **Cano Petro**

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

#### **Cato San Andres #069**

660' FNL & 660' FEL, Section 17, 08S, 30E

Chaves County, NM / API 30-005-10586

#### **Work Summary:**

- 6/8/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 6/9/23** Arrived on location. Held safety meeting. Built road to location. Moved all equipment onto location. Rigged up unit. Removed horses head. Worked rod string. L/D polished rod, 20 -7/8" stick rods, and 106 - 3/4" stick rods. N/D WH, NU BOP, R/U floor. Worked tubing string. L/D 95 - 2 3/8" tubing joints and SN. Prepped and tallied 2 3/8" work string. P/U 4.5" casing scraper. TIH and tagged hard at 3190'. TOO H. L/D scraper. P/U 4.5" CR. TIH to 863. Shut in and secured well for the night.
- 6/10/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. Continued to TIH. Set CR at 3170'. R/U cementing services. Successfully circulated hole with 23 bbls, pumped 50 total. Pumped plug #1 from 3170' to 2414'. R/D cementers. L/D 26 joints and TOO H. WOC 4 hours. R/U wireline services. RIH and logged well. POOH. TIH and tagged at 2545'. R/U cementing services. Continued pumping plug #1 from 2545' to 2414'. R/D cementers. L/D 5 joints and TOO H. WOC 4 hours. TIH and tagged toc at 2389'. Pumped mud/gel spacer from 2389' to 1367'. L/D 32 joints and TOO H. Shut in and secured well.
- 6/11/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. R/U wireline. RIH and perforated at 1367'. POOH. P/U 4.5" packer. TIH and set at 946', EOT at 1041'. R/U cementing services. Successfully

established an injection rate. Pumped plug #2 from 1367' to 1090'. R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged plug #2 at 1094'. Pumped mud/gel spacer from 1094' to 1044'. R/D cementers. TOOH. R/U wireline. RIH and perforated at 1044'. POOH. P/U 4.5" packer. TIH and set at 631'. EOT at 726'. R/U cementers. Successfully established an injection rate. Pumped plug #3 from 1044' to 767'. R/D cementers. Unset packer and TOOH. WOC overnight. Shut in and secured well for the day.

**6/12/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bleed down well. TIH and tagged plug #3 at 663'. R/U cementing services. Pumped mud/gel spacer from 663' to 567'. R/D cementers. L/D tubing. R/U wireline services. RIH and perforated at 567'. POOH. R/U cementing services. Attempted to circulate water down 4.5" casing into perforations, and out BH valve at surface but was unable to. Perforations took 35 bbls with no returns. Pumped plug #4 down 4.5" casing into perforations at 567' then displaced into perforations. R/D cementers. WOC 4 hours. TIH and tagged plug #4 at 483'. TOOH. R/U cementing services. Attempted to circulate water but casing pressured up. Attempted to pump down BH valve but it also pressured up. R/D cementers. R/U wireline services. RIH and tagged at 65'. POOH. P/U casing scraper. TIH to 483'. TOOH. R/U wireline services. RIH and perforated at 470'. POOH. Attempted to circulate water, but again casing pressured up. R/U wireline services. RIH and perforated at 370'. POOH. Attempted to circulate into perforations but again casing pressured up. TIH to 483'. R/U cementing services. Continued pumping plug #4 from 483' to surface. R/D cementers. L/D tubing. Secured equipment and prepared to MOL.

**6/15/23** 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 25' inside and 8' outside. Filled casing to surface with 6 sacks. Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 3,170'-2,389', 75 Sacks Type I/II Cement)**

P/U 4.5" CR. Set CR at 3170'. R/U cementing services. Successfully circulated hole with 23 bbls, pumped 50 total. Pumped plug #1 from 3170' to 2414'. R/D cementers. L/D 26 joints and TOOH. WOC 4 hours. TIH and tagged at 2545'. R/U cementing services. Continued

pumping plug #1 from 2545' to 2414'. R/D cementers. L/D 5 joints and TOOH. WOC 4 hours. TIH and tagged toc at 2389'.

**Plug #2: (Yates Formation Top 1,367 -1,094', 81 Sacks Type I/II Cement)**

R/U wireline. RIH and perforated at 1367'. POOH. P/U 4.5" packer. TIH and set at 946', EOT at 1041'. R/U cementing services. Successfully established an injection rate. Pumped plug #2 from 1367' to 1090' with 81 sx (22 sx inside, 59 sx outside). R/D cementers. Unset packer and TOOH. WOC 4 hours. TIH and tagged plug #2 at 1094'.

**Plug #3: (Anhy Formation Top, 1044' to 663', 80 Sacks Type I/II Cement)**

R/U wireline. RIH and perforated at 1044'. POOH. P/U 4.5" packer. TIH and set at 631'. EOT at 726'. R/U cementers. Successfully established an injection rate. Pumped plug #3 from 1044' to 767' with 80 sx (22 sx inside, 58 outside). R/D cementers. Unset packer and TOOH. WOC overnight. TIH and tagged plug #3 at 663'.

**Plug #4: (Surface Casing Shoe, 561' to Surface', 83 Sacks Type I/II Cement (6 sx for top off))**

R/U wireline services. RIH and perforated at 567'. POOH. R/U cementing services. Attempted to circulate water down 4.5" casing into perforations, and out BH valve at surface but was unable to. Perforations took 35 bbls with no returns. Pumped plug #4 down 4.5" casing into perforations at 567' then displaced into perforations. R/D cementers. WOC 4 hours. TIH and tagged plug #4 at 483'. TOOH. R/U cementing services. Attempted to circulate water but casing pressured up. Attempted to pump down BH valve but it also pressured up. R/D cementers. R/U wireline services. RIH and tagged at 65'. POOH. P/U casing scraper. TIH to 483'. TOOH. R/U wireline services. RIH and perforated at 470'. POOH. Attempted to circulate water, but again casing pressured up. R/U wireline services. RIH and perforated at 370'. POOH. Attempted to circulate into perforations but again casing pressured up. TIH to 483'. R/U cementing services. Continued pumping plug #4 from 483' to surface. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 25' inside and 8' outside. Filled casing to surface with 6 sacks. Welder attached marker per NMOCD regulations.



## Completed Wellbore Diagram

Cano Petro Of New Mexico  
Cato San Andres #069  
API: 30-005-10586  
Chaves County, New Mexico

### Surface Casing

8.625" 28# @ 517 ft  
OH: 12.25"

### Plug 4

561 feet - Surface  
561 foot plug  
83 Sacks of Type I/II Cement

### Plug 3

1044 feet - 663 feet  
381 foot plug  
80 Sacks of Type I/II Cement

### Plug 2

1367 feet - 1094 feet  
273 foot plug  
81 Sacks of Type I/II Cement

### Plug 1

3170 feet - 2389 feet  
781 foot plug  
75 sacks of Type I/II Cement

### Perforations

3282 feet - 3438 feet

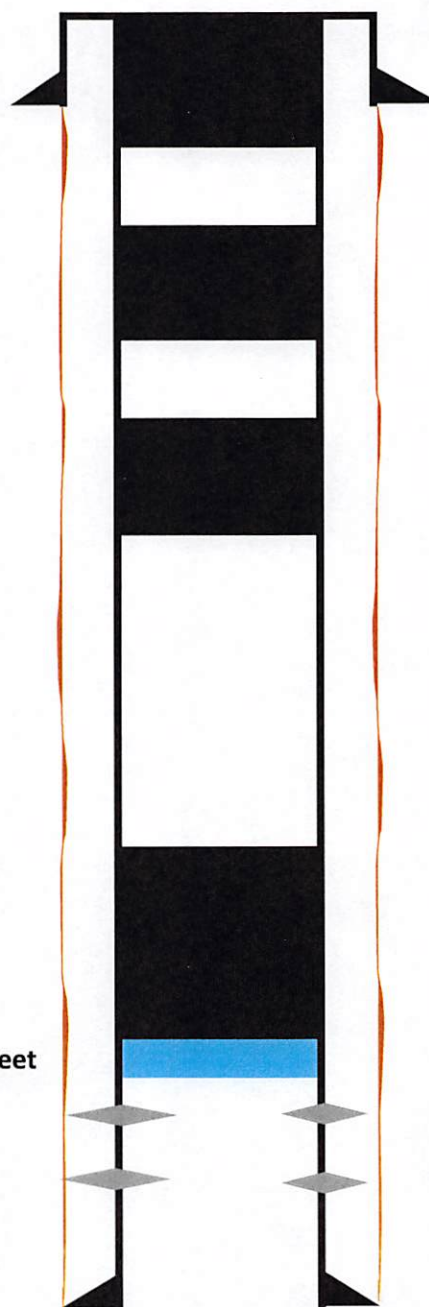
### Formation

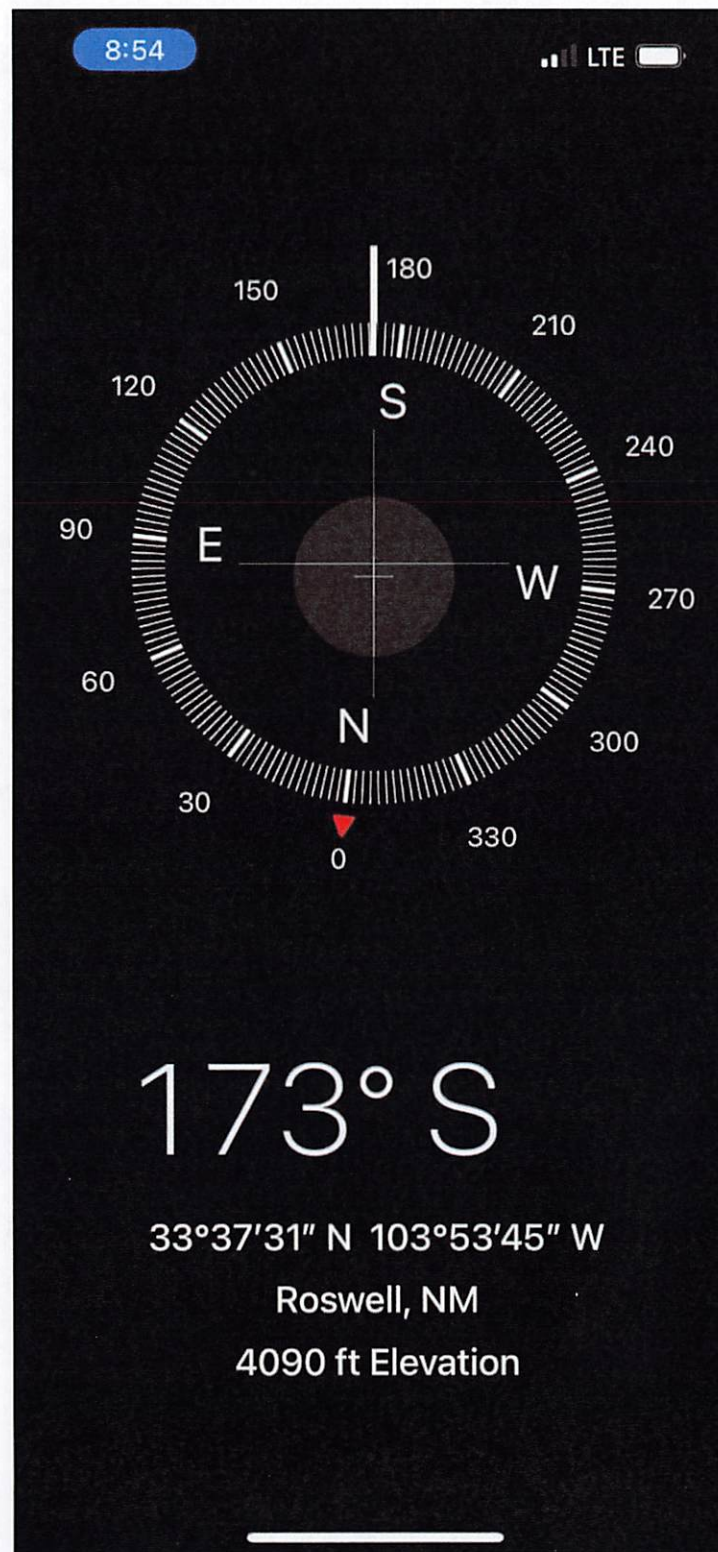
Anhy - 990'  
Yates - 1317'  
San Andres - 2514'

Retainer @ 3170 feet

### Production Casing

4.5" 9.5# @ 3599 feet  
OH: 7.875"













**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 242305

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 242305
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	7/20/2023