

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. 30-005-10567
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: 097
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 ☒ 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: H : 1980 feet from the N line and 660 feet from the E line

Section 17 Township 08S Range 30E NMPM County: Chaves

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: 9/8/23

Type or print name: Ethan Wakefield

E-mail address: e.wakefield@dwsrigs.com

PHONE: (405)343-7736

For State Use Only

APPROVED BY: John Garcia

TITLE: Petroleum Specialist Supervisor

DATE: 10/11/23

Conditions of Approval (if any):

Cano Petro

Plug And Abandonment End Of Well Report

Cato San Andres #097

1980' FNL & 660' FEL, Section 17, 08S, 30E

Chaves County, NM / API 30-005-10567

Work Summary:

- 8/20/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 8/21/23** Arrived on location and held safety meeting. Fixed roads to location. Move on location. Cleaned location and continued fixing roads. Positioned rig and equipment. Completed rig maintenance and prepared fishing tools. Secured and shut in well.
- 8/22/23** Arrived on location and held safety meeting. P/U power swivel. TIH and tagged at 37'. Washed down to 527'. Open hole to 868'. R/U swivel. Wash down to 1,333'. Circulated hole. Secured well and shutdown.
- 8/23/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U power swivel. Replaced packing on the power swivel. TIH and tagged at 1300'. Washed down to 3200'. TOOH. Secured and shut in well.
- 8/24/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and clean out to 3400'. TOOH. P/U 4.5" CR. TIH and set CR at 3230. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3230'. R/U cementing services. Circulated hole. Attempted to pressure test but was unsuccessful. Pumped plug #1 from 3230' to 2460'. TOOH. WOC overnight. Shut in and secured well.
- 8/25/23** 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 2443'. R/U cementing services. Pumped mud/gel spacer from

2443' to 1775'. TOOH. R/U wireline services. RIH and perforated at 1775'. POOH. P/U 4.5" packer. TIH and set packer at 1220'. Attempted to establish an injection rate but wellbore pressured up to 500 psi. TOOH. L/D packer. TIH to 1830'. R/U cementing services. Pumped plug #2 from 1830' to 1323'. TOOH. WOC. TIH and tagged plug #2 at 1315. R/U cementers. Pumped mud/gel spacer from 1315 to 1040'. TOOH. Secured well and shut down for the day.

8/26/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. R/U wireline services. RIH and perforated at 1040'. POOH. P/U 4.5" packer. TIH and set packer at 617'. Attempted to establish and injection rate but pressured up to 500 psi. Unset packer and TOOH. TIH to 1124'. R/U cementing services. Pumped plug #3 from 1124' to 717'. TOOH. WOC. TIH and tagged plug #3 at 832'. R/U cementing services. Continued pumping plug #3 from 832' to 717'. TOOH. WOC overnight.

8/27/23 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 512'. TOOH. P/U drill bit. TIH to 512'. R/U power swivel. Drill out cement to 705'. Circulate hole. TOOH and performed rig maintenance. Shutdown overnight.

8/28/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Pressure test well head to 500 psi. R/U wireline services. RIH and perforated at 560'. Unable to establish an injection rate. R/U wireline services. RIH and perforated at 490'. Circulated hole. TIH to 610'. R/U cementing services. Pumped cement from 610' to surface, through perforations and out BH valve. Shut down and secured well.

8/29/23 H2S Training.

9/2/23 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. Cement was to surface in both strings. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 3,230'-2,443', 60 Sacks Type I/II Cement)

P/U 4.5" CR. TIH and set CR at 3230. TOOH. Logged well. TIH to 3230'. R/U cementing services. Circulated hole. Attempted to pressure test but was unsuccessful. Pumped plug #1 from 3230' to 2460'. TOOH. WOC overnight. TIH and tagged plug #1 at 2443'.

Plug #2: (Yates Formation Top, 1,830' to 1,315', 40 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1775'. POOH. P/U 4.5" packer. TIH and set packer at 1220'. Attempted to establish an injection rate but wellbore pressured up to 500 psi. TOOH. L/D packer. TIH to 1830'. R/U cementing services. Pumped plug #2 from 1830' to 1323'. TOOH. WOC. TIH and tagged plug #2 at 1315'.

Plug #3: (Anhy Formation Top, 1,124' to 705', 71 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1040'. POOH. P/U 4.5" packer. TIH and set packer at 617'. Attempted to establish and injection rate but well pressured up to 500 psi. Unset packer and TOOH. TIH to 1124'. R/U cementing services. Pumped plug #3 from 1124' to 717'. TOOH. WOC. TIH and tagged plug #3 at 832'. R/U cementing services. Continued pumping plug #3 from 832' to 717'. TOOH. WOC overnight. TIH and tagged plug #3 at 512'. TOOH. P/U drill bit. TIH to 512'. R/U power swivel. Drill out cement to 705'.

Plug #4: (Surface Casing Shoe, 610' to Surface', 171 Sacks Type I/II Cement (0 sx for top off))

Pressure test well head to 500 psi. R/U wireline services. RIH and perforated at 560'. Unable to establish an injection rate. R/U wireline services. RIH and perforated at 490'. Circulated hole. TIH to 610'. R/U cementing services. Pumped cement from 610' to surface, through perforations and out BH valve. Performed wellhead cutoff. Removed old wellhead. Cement was to surface in both strings. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #097
API: 30-005-10567
Chaves County, New Mexico

Surface Casing

8.625" 28# @ 510 ft
OH: 12.25"

Plug 4

610 feet - Surface
610 foot plug
171 Sacks of Type I/II Cement

Plug 3

1124 feet - 705 feet
419 foot plug
71 Sacks of Type I/II Cement

Plug 2

1830 feet - 1315 feet
515 foot plug
40 Sacks of Type I/II Cement

Plug 1

3230 feet - 2443 feet
787 foot plug
60 sacks of Type I/II Cement

Formation

Anhy - 990'
Yates - 1423'
San Andres - 2560'

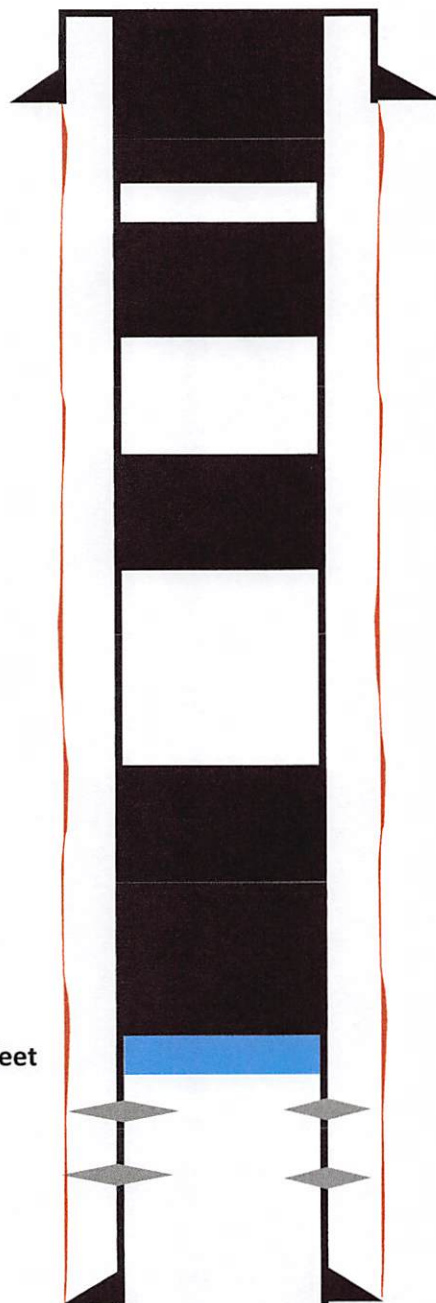
Retainer @ 3230 feet

Perforations

3276 feet - 3344 feet

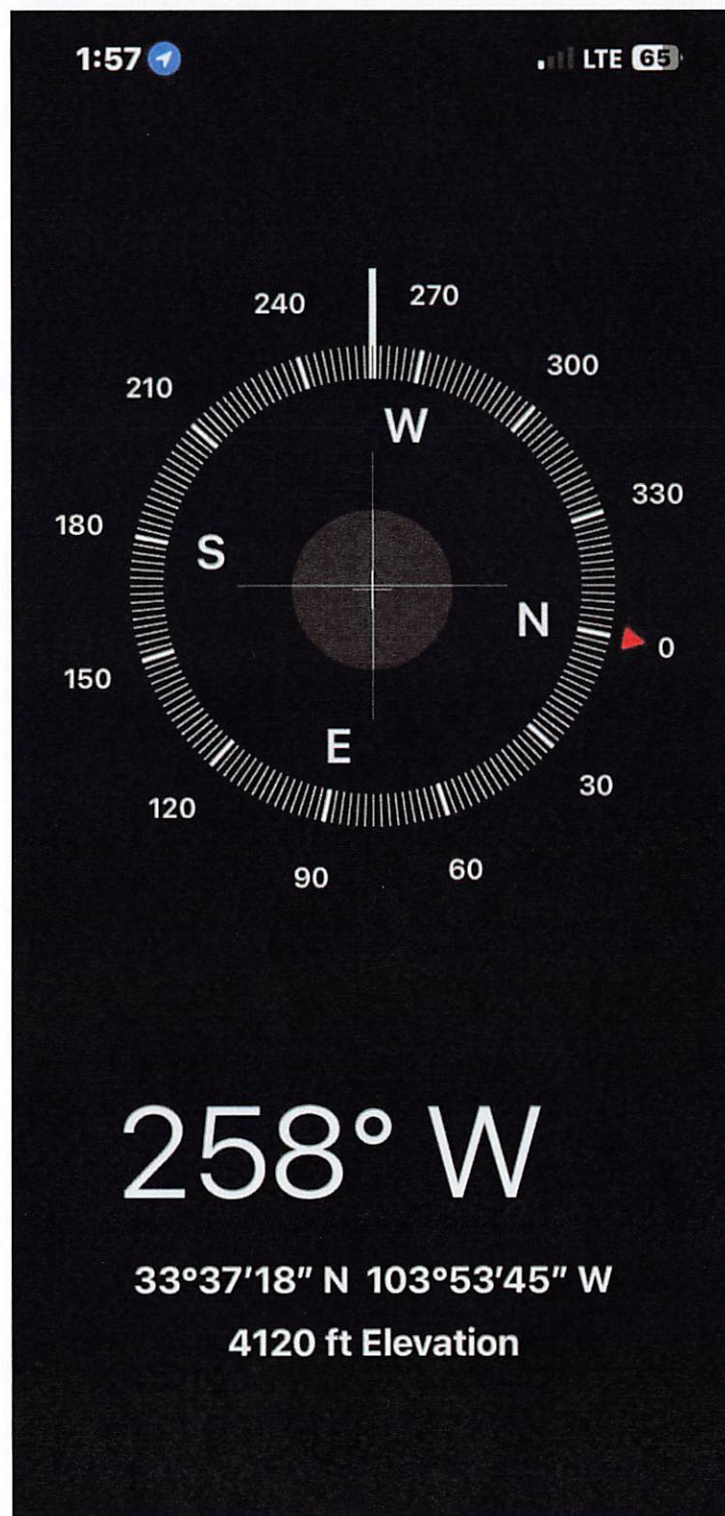
Production Casing

4.5" 9.5# @ 3535 feet
OH: 7.875"











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Santa Fe, NM 87505

CONDITIONS

Action 264613

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 264613
	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