

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

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.)		WELL API NO. 30-005-20077
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Cano Petro on NM. INC		6. State Oil & Gas Lease No.
3. Address of Operator 801 Cherry Street Unit 25 Suite 3200 Fort Worth, Texas 76102		7. Lease Name or Unit Agreement Name Cato San Andres
4. Well Location Unit Letter <u>P</u> : <u>860</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>E</u> line Section <u>15</u> Township <u>08S</u> Range <u>30E</u> NMPM _____ County <u>Chaves</u>		8. Well Number <u>118</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 248802
10. Pool name or Wildcat Cato; San Andres		

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		<input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A	
<input checked="" type="checkbox"/> All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. <input checked="" type="checkbox"/> Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned. <input checked="" type="checkbox"/> 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 Representative DATE 6/30/23
 TYPE OR PRINT NAME Ethan Wakefield E-MAIL: e.wakefield@dwsrgrs.com PHONE (405) 343-7736
 For State Use Only

APPROVED BY: [Signature]
 Released to Imaging: 7/20/2023 3:11:52 PM

TITLE Petroleum Specialist DATE 7/20/23

Cano Petro

Plug And Abandonment End Of Well Report

Cato San Andres #118

660' FSL & 660' FEL, Section 15, 08S, 30E

Chaves County, NM / API 30-005-20077

Work Summary:

- 6/23/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 6/24/23** Arrived on location. Held safety meeting on CSA #101. R/D floor, ND BOP, NU WH. R/D unit and equipment. Moved equipment to CSA #1188. Built road to location. Moved in equipment. R/U unit. L/D 112 - 3/4" rods and 18 - 7/8" rods. N/D WH, NU BOP, R/U floor. L/D 96 joints of tubing. Shut down and secured well.
- 6/25/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U casing scraper. TIH to 3340', attempted to get deeper with no luck. TOOH. L/D scraper. P/U CR. TIH and set CR at 3323'. R/U cementing services. Roll hole. Attempted to pressure test casing but test failed. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3323'. R/U cementing services. Pumped plug #1 from 3323' to 3099'. TOOH. WOC overnight. Shut in and secured well.
- 6/26/23** 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 3100'. Attempted to pressure test casing but test failed. R/U cementing services. Pumped mud/gel spacer from 3100' to 2550'. TOOH. R/U wireline services. RIH and perforated at 2550'. POOH. P/U packer. TIH and set packer at 2122'. Attempted to establish an injection rate but casing pressured up. TOOH. L/D packer. TIH to 2598'. R/U cementing services. Pumped plug #2 from 2598' to 2227'. TOOH. WOC overnight. Secured and shut in well.

- 6/27/23** 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 #2 at 2235'. Attempted to pressure test casing but test failed. R/U cementing services. Pumped mud/gel spacer from 2235' to 1450'. TOOH. R/U wireline services. RIH and perforated at 1450'. POOH. P/U packer. TIH and set packer at 771'. Attempted to establish an injection rate but casing pressured up. TOOH. L/D packer. TIH to 1493'. R/U cementing services. Pumped plug #3 from 1493' to 890'. TOOH. WOC. TIH and tagged at 1271'. R/U cementing services. Continued pumping plug #3 from 1271' to 890'. TOOH. WOC overnight. Shut in and secured well.
- 6/28/23** 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 800'. Attempted to pressure test casing but test failed. TOOH. R/U wireline services. TIH and perforated at 507'. POOH. P/U packer. TIH and set packer at 492'. Successfully pressure tested casing above packer. TOOH. R/U cementing services. Pumped water down 4.5" casing, into perforations, and out BH valve at surface. Pumped plug #4 down 4.5" casing, into perforations, and lost circulation. Displaced into perforations. WOC. R/U cementing services. Attempted to pump into BH, but BH pressured up. TIH and tagged at 371'. R/U cementing services. Continued pumping plug #4 from 371' to surface with 29 sx. R/D equipment and prepare to MOL.
- 6/29/23** 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 6' inside 4.5" and at 30' in 8.625". Filled casing to surface with 3 sacks. Welder attached marker per NMOCD regulations.

Plug Summary:**Plug #1: (San Andres Perforations and Formation Top, 3,323'-3,100', 16 Sacks Type I/II Cement)**

P/U CR. TIH and set CR at 3323'. R/U cementing services. Roll hole. Attempted to pressure test casing but test failed. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3323'. R/U cementing services. Pumped plug #1 from 3323' to 3099'. TOOH. WOC overnight. TIH and tagged plug #1 at 3100'.

Plug #2: (Yates Formation Top 2,598 -2,235', 29 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 2550'. POOH. P/U packer. TIH and set packer at 2122'. Attempted to establish an

injection rate but casing pressured up. TOOH. L/D packer. TIH to 2598'. R/U cementing services. Pumped plug #2 from 2598' to 2227'. TOOH. WOC overnight. TIH and tagged plug #2 at 2235'.

Plug #3: (Anhy Formation Top, 1,493' to 800', 78 Sacks Type I/II Cement)

R/U wireline services. RIH and perforated at 1450'. POOH. P/U packer. TIH and set packer at 771'. Attempted to establish an injection rate but casing pressured up. TOOH. L/D packer. TIH to 1493'. R/U cementing services. Pumped plug #3 from 1493' to 890'. TOOH. WOC. TIH and tagged at 1271'. R/U cementing services. Continued pumping plug #3 from 1271' to 890'. TOOH. WOC overnight. TIH and tagged plug #3 at 800'.

Plug #4: (Surface Casing Shoe, 507' to Surface', 183 Sacks Type I/II Cement (5 sx for top off))

R/U wireline services. TIH and perforated at 507'. POOH. P/U packer. TIH and set packer at 492'. Successfully pressure tested casing above packer. TOOH. R/U cementing services. Pumped water down 4.5" casing, into perforations, and out BH valve at surface. Pumped plug #4 down 4.5" casing, into perforations, and lost circulation. Displaced into perforations. WOC. R/U cementing services. Attempted to pump into BH, but BH pressured up. TIH and tagged at 371'. R/U cementing services. Continued pumping plug #4 from 371' to surface with 29 sx. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 6' inside 4.5" and at 30' in 8.625". Filled casing to surface with 5 sacks. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #118
API: 30-005-20077
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 457 ft
OH: 12.25"

Plug 4

507 feet - Surface
507 foot plug
183 Sacks of Type I/II Cement

Plug 3

1493 feet - 800 feet
693 foot plug
78 Sacks of Type I/II Cement

Plug 2

2598 feet - 2235 feet
363 foot plug
29 Sacks of Type I/II Cement

Plug 1

3323 feet - 3100 feet
223 foot plug
16 sacks of Type I/II Cement

Perforations

3472 feet - 3564 feet

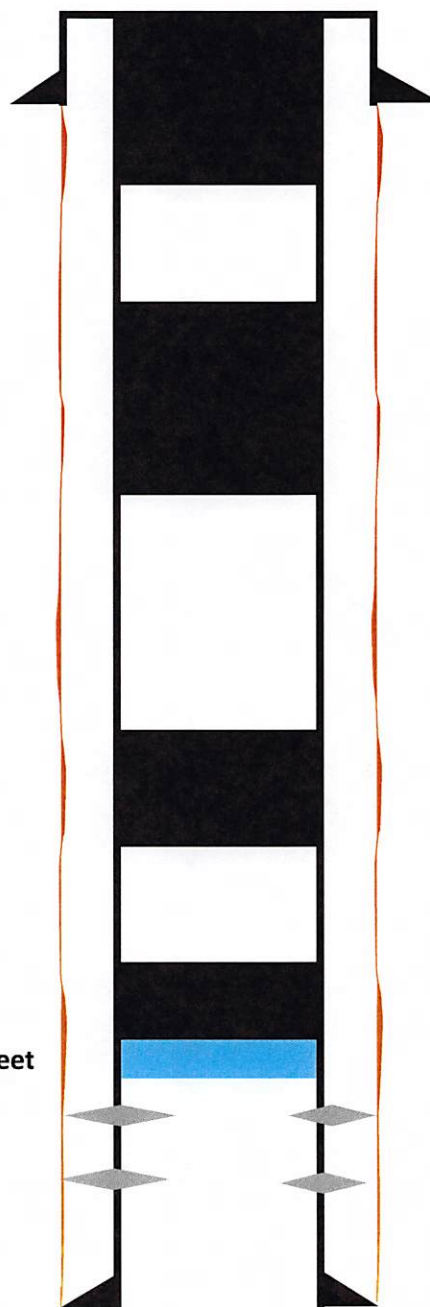
Formation

Anhy - 990'
Yates - 1400'
San Andres - 2500'

Retainer @ 3323 feet

Production Casing

4.5" 9.5# @ 3650 feet
OH: 7.875"











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Santa Fe, NM 87505

CONDITIONS

Action 242307

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 242307
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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