

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

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. 30-005-10474
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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: G : 1980 feet from the N line and 1980 feet from the E line Section 17 Township 08S Range 30E NMPM County: Chaves		8. Well Number: 098
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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@dwsrigs.com PHONE: (405)343-7736

For State Use Only

APPROVED BY: John Garcia TITLE: Petroleum Supervisor DATE: 9/13/2023
 Conditions of Approval (if any):

Cano Petro

Plug And Abandonment End Of Well Report

Cato San Andres #098

1980' FNL & 1980' FEL, Section 17, 8S, 30E

Chaves County, NM / API 30-005-10474

Work Summary:

- 6/12/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 6/13/23** Arrived on location. Held safety meeting on CSA #069. R/D floor, ND BOP, NU WH. R/D unit and equipment. Moved equipment to CSA #098. Built road to location. Moved in equipment. R/U Unit. N/D WH, NU BOP, R/U floor. Prepped and tallied work string. P/U 4.5" casing scraper and tagged hard at 883'. TOOH removed casing scraper. Installed overshot and TIH. Tagged at 537'. Worked string but did not get passed 537'. TOOH. Removed overshot and installed notched collar. TIH and tagged at 883'. Worked string with no success, could not get past 883'. TOOH. P/U spear. TIH and tagged at 883'. Worked spear. It seemed we were latching onto fish but losing it. TOOH. Shut down and secured well.
- 6/21/23** Arrived on location. Held safety meeting in Twin Lakes field. R/D unit and equipment. Moved equipment to CSA #098. R/U Unit. N/D WH, NU BOP, R/U floor. Prepped and tallied work string. TIH and tagged at 520'. Secured and shut down well for the day.
- 6/22/23** Arrived on location. Held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tag at 520'. Pumped 120 bbls with no returns. Pumped 20 bbls with high viscosity LCM. Wait 2 hours. P/U mill. TIH. Mill from 520' to 856'. TOOH. Shut in and secured well.
- 6/23/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH with overshot.

Unable to get past 510'. TOOH. P/U mill. TIH with mill and tag at 826'. Mill fish. TOOH. 4.5" nipple broke off flange. Waited on welder. TIH with overshot. Tagged at 510'. TOOH. P/U mill. TIH and tag at 830'. Mill fish. TOOH. Parted casing was stuck in mill. Secured well and shutdown.

- 6/24/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH with overshot and tagged at 620'. TOOH. TIH with notched collar to 905'. TOOH with 8" of tubing. TIH with overshot. Washed down from 520' to 625'. TIH to 905' attempted to latch onto fish. TOOH. TIH with mill. Milled to 1190'. TOOH. TIH with bit to 1180'. Drilled to 1287'. Shutdown 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. TIH with drill bit to 1287'. Drill to 1418'. Shut down 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 with drill bit to 1190'. Drill to 1422'. Shut down and secured well.
- 6/27/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tag at 1190'. Drill to 1565'. TOOH to check bit. Lost 7 joints, 1 collar, and bit. TIH with overshot. Could not get past 565'. TOOH. Shutdown for the day.
- 6/28/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH with overshot. Could not latch onto fish. TOOH. TIH with overshot again and again could not latch onto fish. TOOH. P/U mill. TIH. Milled top of fish. TOOH. P/U overshot. TIH. Could not get to fish. TOOH. Secured well and shut down for the day.
- 6/29/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH with mill to top of fish at 1300'. TIH with spear. Could not get to fish. TOOH. TIH with overshot. Washed to the top of fish. Could not latch onto fish. TOOH. Shutdown and secured well.
- 8/12/23** Arrived on location. Held safety meeting. Moved in rig and all equipment. Secured location.
- 8/14/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. NU BOP and function tested. TIH with notched collar. Tagged fish at 1300'. Rigged up

power swivel. Circulated and cleaned hole in preparation to fish. 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 with notched collar. Cleaned top of fish. TOOH. TIH with spear. Was unable to get to fish. TOOH. TIH with notched collar. TOOH. P/U overshot. Washed down to fish. Was unable to latch onto fish. TOOH. 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 with notched collar to 1318'. R/U cementing services. Pumped 25 sacks. R/D cementers. TOOH. WOC 4 hours. TIH and tagged at 1255'. R/U cementing services. Continued pumping plug #1 from 1255' to 926' with 25 sx. TOOH. WOC overnight. Secured and shut in 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 #1 at 1245'. R/U cementing services. Continued pumping plug #1 with 25 sx. TOOH. WOC. TIH and tagged plug #1 at 1240'. R/U cementing services. Continued pumping plug #1 with 25 sx. TOOH. WOC. TIH and tagged plug #1 at 1195'. R/U cementing services. Continued pumping plug #1 from 1195' with 25 sx. TOOH. Secured well. WOC overnight.

8/18/23 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 1178'. R/U cementing services. Continued pumping plug #1 from 1178' with 25 sx. TOOH. WOC. TIH and tag plug #1 at 1178'. R/U cementing services. Continued pumping plug #1 with 50 sx. TIH and tag plug #1 at 1150'. R/U cementing services. Continued pumping plug #1 with 50 sx. TOOH. WOC. TIH and tagged plug #1 at 1148'. R/U cementing services. Continued pumping plug #1 with 50 sx. TOOH. WOC overnight. Shut in and secured well

8/19/23 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 1120'. R/U cementing services. Continued pumping plug #1 from 1120' with 50 sx. TOOH. WOC. TIH and tagged plug #1 at 1085'. R/U cementing services. Continued pumping plug #1 from 1085' with 50 sx. TOOH. WOC. TIH and tagged plug #1 at 1083. R/U cementing services. Continued pumping plug #1 from 1083' with 50 sx. TOOH. WOC overnight. Secured and shut in well.

8/20/23 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 782'. Successfully pressure tested casing to 500 psi. Pumped mud/gel spacer to 500'. TOOH. R/U wireline services. RIH and perforated at 500'. POOH. Attempted to establish an injection rate through perforations but was unsuccessful. R/U wireline services. TIH and perforated at 430'. POOH. Successfully established circulation down casing, into perforations, and out BH valve at surface. TIH to 545'. R/U cementing services. Pumped cement to surface and into BH. TOOH. R/D all equipment and prepare to MOL.

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 9' outside. Filled casing to surface with 3 sacks. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (Yates Formation Top, 1,318'-782', 450 Sacks Type I/II Cement)

TIH with notched collar to 1318'. R/U cementing services. Pumped 25 sacks. R/D cementers. TOOH. WOC 4 hours. TIH and tagged at 1255'. R/U cementing services. Continued pumping plug #1 from 1255' to 926' with 25 sx. TOOH. WOC overnight. TIH and tagged plug #1 at 1245'. R/U cementing services. Continued pumping plug #1 with 25 sx. TOOH. WOC. TIH and tagged plug #1 at 1240'. R/U cementing services. Continued pumping plug #1 with 25 sx. TOOH. WOC. TIH and tagged plug #1 at 1195'. R/U cementing services. Continued pumping plug #1 from 1195' with 25 sx. TOOH. WOC overnight. TIH and tagged plug #1 at 1178'. R/U cementing services. Continued pumping plug #1 from 1178' with 25 sx. TOOH. WOC. TIH and tag plug #1 at 1178'. R/U cementing services. Continued pumping plug #1 with 50 sx. TIH and tag plug #1 at 1150'. R/U cementing services. Continued pumping plug #1 with 50 sx. TOOH. WOC. TIH and tagged plug #1 at 1148'. R/U cementing services. Continued pumping plug #1 with 50 sx. TOOH. WOC overnight. TIH and tagged plug #1 at 1120'. R/U cementing services. Continued pumping plug #1 from 1120' with 50 sx. TOOH. WOC. TIH and tagged plug #1 at 1085'. R/U cementing services. Continued pumping plug #1 from 1085' with 50 sx. TOOH. WOC. TIH and tagged plug #1 at 1083. R/U cementing services. Continued pumping plug #1 from 1083' with 50 sx. TOOH. WOC overnight. TIH and tagged plug #1 at 782'.

Plug #2: (Surface Casing Shoe, 545' to Surface', 348 Sacks Type I/II Cement (3 sx for top off))

Successfully pressure tested casing to 500 psi. TOOH. R/U wireline services. RIH and perforated at 500'. POOH. Attempted to establish an injection rate through perforations but was unsuccessful. R/U wireline services. TIH and perforated at 430'. POOH. Successfully established circulation down casing, into perforations, and out BH valve at surface. TIH to 545'. R/U cementing services. Pumped cement to surface and into BH. Performed wellhead cutoff. Removed old wellhead. Tagged cement at surface inside and tagged at 9' outside. Filled casing to surface with 3 sacks. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #098
API: 30-005-10474
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 450 ft
OH: 12.25"

Plug 2

545 feet - Surface
545 foot plug
348 Sacks of Type I/II Cement

Plug 1

1318 feet - 782 feet
536 foot plug
450 Sacks of Type I/II Cement

Formation

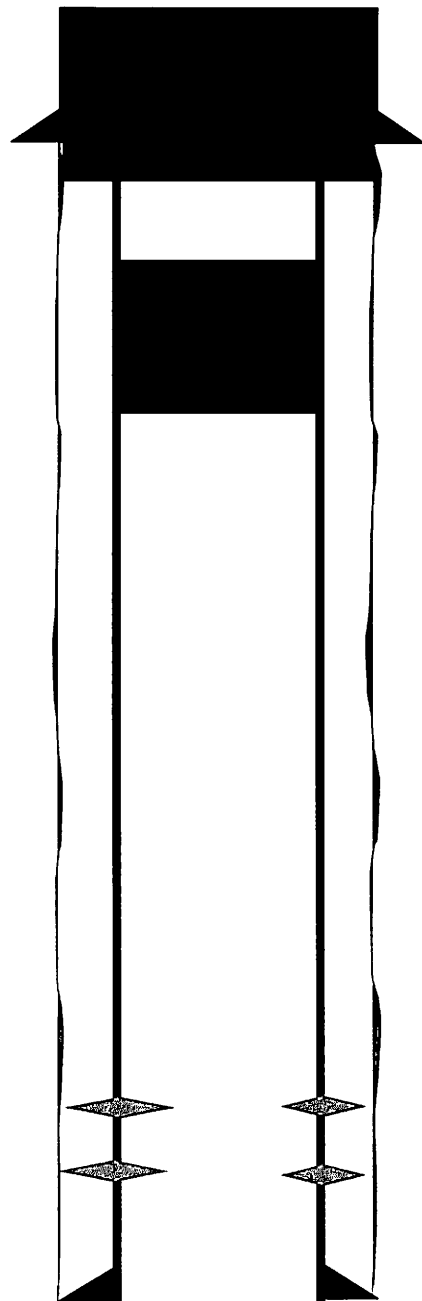
Yates - 1400'
Queen - 2048'
San Andres - 2532'

Perforations

3254 feet - 3358 feet

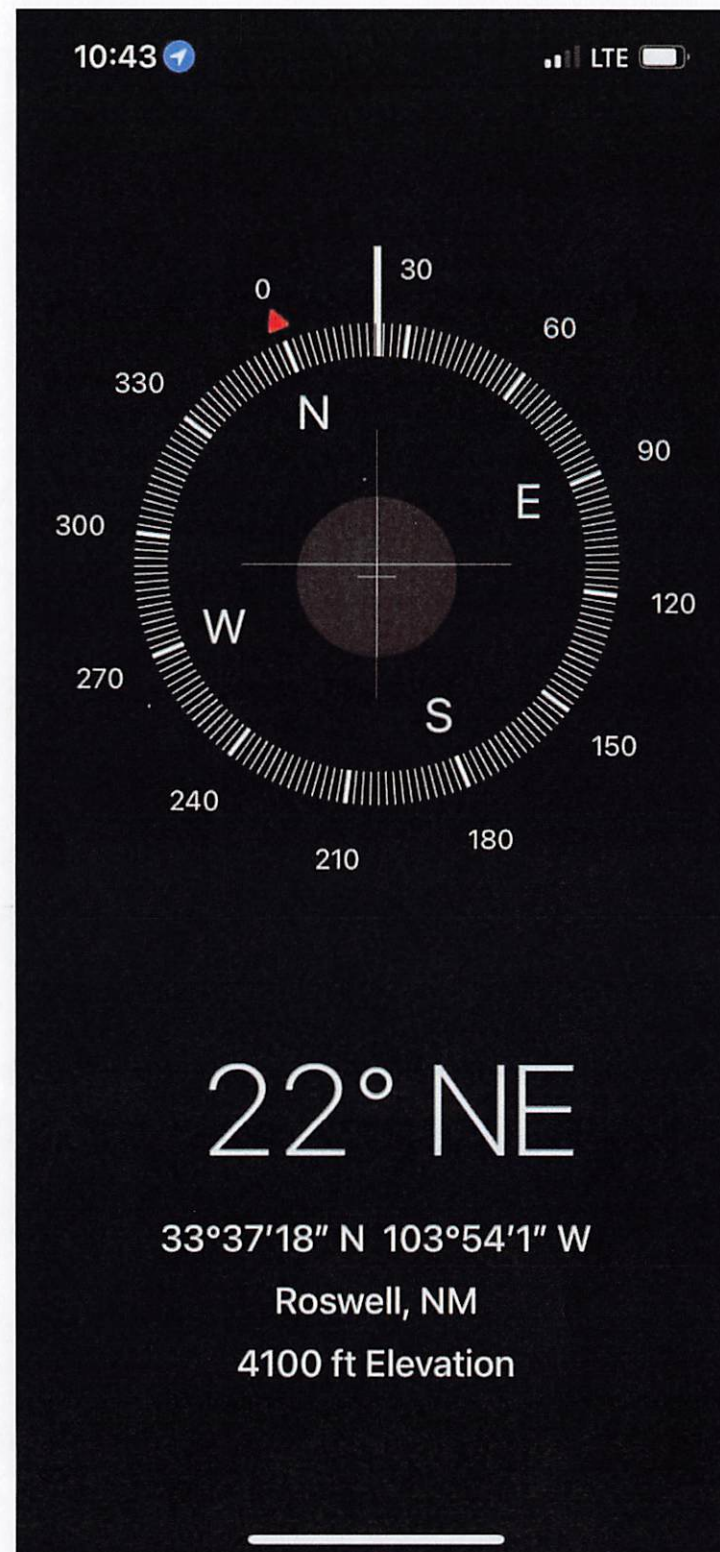
Production Casing

4.5" 9.5# @ 3682 feet
OH: 7.875"











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Santa Fe, NM 87505

CONDITIONS

Action 264416

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 264416
	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