

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.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-005-27984
2. Name of Operator Cano Petro on NM. INC		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 801 Cherry Street Unit 25 Suite 3200 Fort Worth, Texas 76102		6. State Oil & Gas Lease No.
4. Well Location Unit Letter: M : 1205 feet from the S line and 1312 feet from the W line Section 11 Township 08S Range 30E NMPM County: Chaves		7. Lease Name or Unit Agreement Name Cato San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		8. Well Number: 545
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: 9/14/23

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 Supervisor

DATE 10/24/23

Conditions of Approval (if any):

Cano Petro

Plug And Abandonment End Of Well Report

Cato San Andres #545

1205' FSL & 1312' FWL, Section 11, 08S, 30E

Chaves County, NM / API 30-005-27984

Work Summary:

- 9/6/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 9/7/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Fixed roads and location. MOL. Rig up P&A unit. NU BOP and function test. R/U floor, tongs, slips. L/D 104 joints of 2-7/8" tubing. Cut ESP cable. Removed ESP, desander, and motor. P/U 5.5" casing scraper. TIH with scraper to 3440'. TOOH. L/D scraper. P/U CR. TIH and set CR at 3390'. Sting out of CR. R/U cementing services. Circulated wellbore clean with 60 bbls of fresh water. Successfully pressure tested casing to 800 psi. TOOH. Shut in and secured well for the day.
- 9/8/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Continued to TOOH with tubing. R/U wireline services. RIH and logged well. POOH. R/U cementing services. Load BH valve with 2.7 bbls of fresh water. Successfully pressure tested BH valve to 300 psi. TIH with tubing. R/U cementing services. Pumped plug #1 from 3390' to 2650' to cover the San Andres perforations and formation top. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 2650' to 2390'. L/D tubing. R/U cementing services. Pumped plug #2 from 2390' to 2170' to cover the Grayburg formation top. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 2170' to 1761'. L/D tubing. R/U cementing services. Pumped plug #3 from 1761' to 1373' to cover the Seven Rivers, Yates, and Tansill formation tops. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 1373' to 1177'. L/D tubing. R/U cementing services. Pumped plug

#4 from 1177' to 957' to cover the Rustler formation top. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 957' to 556'. L/D tubing. R/U cementing services. Pumped plug #5 from 556' to 100'. Reversed out and L/D tubing. R/U wireline services. RIH and perforated at 100'. POOH. R/U cementing services. Circulated fresh water down casing, into perforations, and out BH valve at surface. Continued pumping plug #5 into perforations at 100' with LCM. WOC overnight. Shut in and secured well for the day.

9/9/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. R/U cementing services. Load casing with 0.5 bbls of fresh water. Successfully pressure tested casing to 800 psi. Load BH valve with 0.5 bbls of fresh water. Successfully pressure tested to 300 psi. TIH and tagged cement at 50'. R/U cementing services. Continued pumping plug #5 from 50' to surface with 28 sx. R/D floor tongs and slips. N/D BOP. Prepare to MOL.

9/12/23 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 34' outside. Filled casing to surface with 7 sacks. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 3,390'-2,650', 84 Sacks Type I/II Cement)

P/U CR. TIH and set CR at 3390'. Sting out of CR. R/U cementing services. Successfully pressure tested casing to 800 psi. TOOH. Logged well. TIH. R/U cementing services. Pumped plug #1 from 3390' to 2650' to cover the San Andres perforations and formation top.

Plug #2: (Grayburg Formation Top 2,390' - 2,170', 25 Sacks Type I/II Cement)

L/D tubing. R/U cementing services. Pumped plug #2 from 2390' to 2170' to cover the Grayburg formation top.

Plug #3: (Seven Rivers, Yates and Tansill Formation Tops, 1,761' - 1,373', 44 Sacks Type I/II Cement)

L/D tubing. R/U cementing services. Pumped plug #3 from 1761' to 1373' to cover the Seven Rivers, Yates, and Tansill formation tops.

Plug #4: (Rustler Formation Top, 1,177' - 957', 25 Sacks Type I/II Cement)

L/D tubing. R/U cementing services. Pumped plug #4 from 1177' to 957' to cover the Rustler formation top.

Plug #5: (Surface Casing Shoe, 556' to Surface', 171 Sacks Type I/II Cement (7 sx for top off))

Pumped plug #5 from 556' to 100'. Reversed out and L/D tubing. R/U wireline services. RIH and perforated at 100'. POOH. R/U cementing services. Circulated fresh water down casing, into perforations, and out BH valve at surface. Continued pumping plug #5 into perforations at 100' with LCM. WOC overnight. R/U cementing services. Load casing with 0.5 bbls of fresh water. Successfully pressure tested casing to 800 psi. Load BH valve with 0.5 bbls of fresh water. Successfully pressure tested to 300 psi. TIH and tagged cement at 50'. R/U cementing services. Continued pumping plug #5 from 50' to surface with 28 sx. Performed wellhead cutoff. Removed old wellhead. Tagged cement at Surface inside and tagged at 34' outside. Filled casing to surface with 7 sacks. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #545
API: 30-005-27984
Chaves County, New Mexico

Plug 5

556 feet - surface
556 foot plug
171 Sacks of Type I/II Cement

Plug 4

1177 feet - 957 feet
220 foot plug
25 Sacks of Type I/II Cement

Plug 3

1761 feet - 1373 feet
388 foot plug
44 Sacks of Type I/II Cement

Plug 2

2390 feet - 2170 feet
220 foot plug
25 Sacks of Type I/II Cement

Plug 1

3390 feet - 2650 feet
640 foot plug
73 sacks of Type I/II Cement

Perforations

3440 feet - 3628 feet

Surface Casing

8.625" 24# @ 506 ft
OH: 12.25"

Formation

Rustler - 1127'
Tansill - 1473'
Yates - 1615'
Seven Rivers - 1711'
Grayburg - 2340'
San Andres - 2750'

Retainer @ 3390 feet

Production Casing

5.5" 15.5# @ 3989 feet
OH: 7.875"











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CONDITIONS

Action 278817

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 278817
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	10/24/2023