

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

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised July 18, 2013

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. 30-005-27983
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: I : 2538 feet from the S line and 1296 feet from the E line Section 11 Township 08S Range 30E NMPM County: Chaves		8. Well Number: 535
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: 9/8/23

Type or print name: Ethan Wakefield E-mail address: [e.wakefield@dwsrigns.com](mailto:e.wakefield@dwsrigns.com) PHONE: (405)343-7736  
For State Use Only

APPROVED BY: John Garcia TITLE: Petroleum Engineering Supervisor DATE: 10/3/2023  
Conditions of Approval (if any):

## **Cano Petro**

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

#### **Cato San Andres #535**

2538' FSL & 1296' FEL, Section 11, 08S, 30E

Chaves County, NM / API 30-005-27983

#### **Work Summary:**

- 8/26/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 8/27/23** Arrived on location and held safety meeting. Fixed roads to location. Moved on location. Cleaned location and continued fixing roads. Positioned rig and equipment. Performed rig maintenance. Shut down for the day.
- 8/28/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. R/U P&A rig and all equipment. Pulled 54 7/8" rods and 98 3/4" rods. Shut down and secured well.
- 8/29/23** H2S training.
- 8/30/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U 2-7/8" tubing spear. Latched onto tubing to remove hanger and strip over. N/U BOP and function tested. R/U floor, tongs, slips. L/D 19 joint of 2-7/8" tubing. Tubing parted. P/U spear. TIH with work sting. Successfully speared onto fish. Worked fish free. L/D 120 joints of 2-7/8" tubing, SN, 4' perf sub, and bull plug. Shut down and secured well.
- 8/31/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U 5.5" casing scraper. TIH to 3498'. POOH. L/D scraper. P/U 5.5" CR. TIH and set CR at 3448'. Stung out of CR. R/U cementing services. Circulate hole clean with 84 bbls of fresh water. Successfully pressure tested casing

to 800 psi. Loaded BH with 5 bbls and attempted to pressure test but was unsuccessful. TOOH. R/U wireline services. RIH and logged well. POOH. P/U cement tag sub. TIH with 80 joints. Secured and shut in well for the day.

**9/1/23**

Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH with tubing. Tagged CR at 3348'. R/U cementing services. Pumped plug #1 from 3348' to 3328' to cover the San Andres perforations. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 3328' to 2838'. L/D tubing. R/U cementing services. Pumped plug #2 from 2838' to 2212' to cover the San Andres and Grayburg formation tops. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 2212' to 1737'. L/D tubing. R/U cementing services. Pumped plug #3 from 1737' to 1400' to cover the Seven Rivers and Tansill formation tops. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 1400' to 1165'. L/D tubing. R/U cementing services. Pumped plug #4 from 1165' to 945' to cover the Rustler formation top. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 945' to 570'. TOOH. R/U wireline services. RIH and perforated at 570'. R/U cementing services. Attempted to establish an injection rate but was unsuccessful. R/U wireline services. RIH and perforated at 500'. Successfully established an injection rate. TIH with tubing to 620'. R/U cementing services. Pumped plug #5 from 620' into perf holes and out BH valve at surface. L/D tubing. R/D floor, tongs, slips. N/D BOP. Prepare to MOL.

**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, 3,448'-3,228', 25 Sacks Type I/II Cement)**

P/U 5.5" CR. TIH and set CR at 3448'. Stung out of CR. R/U cementing services. Circulate hole clean with 84 bbls of fresh water. Successfully pressure tested casing to 800 psi. TOOH. R/U wireline services. RIH and logged well. POOH. TIH with tubing. Tagged CR at 3348'. R/U cementing services. Pumped plug #1 from 3348' to 3328' to cover the San Andres perforations.

##### **Plug #2: (Grayburg and San Andres Formation Tops, 2,838' to 2,212', 71 Sacks Type I/II Cement)**

L/D tubing. R/U cementing services. Pumped plug #2 from 2838' to 2212' to cover the San Andres and Grayburg formation tops.

**Plug #3: (Seven Rivers and Tansill Formation Tops, 1,737' to 1,400', 38 Sacks Type I/II Cement)**

L/D tubing. R/U cementing services. Pumped plug #3 from 1737' to 1400' to cover the Seven Rivers and Tansill formation tops.

**Plug #4: (Rustler Formation Top, 1,165' to 945', 25 Sacks Type I/II Cement)**

L/D tubing. R/U cementing services. Pumped plug #4 from 1165' to 945' to cover the Rustler formation top.

**Plug #5: (Surface Casing Shoe, 620' to Surface', 173 Sacks Type I/II Cement (0 sx for top off))**

R/U wireline services. RIH and perforated at 570'. R/U cementing services. Attempted to establish an injection rate but was unsuccessful. R/U wireline services. RIH and perforated at 500'. Successfully established an injection rate. TIH with tubing to 620'. R/U cementing services. Pumped plug #5 from 620' into perf holes and out BH valve at surface. 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 #535  
API: 30-005-27983  
Chaves County, New Mexico

### Surface Casing

8.625" 24# @ 520ft  
OH: 12.25"

### Plug 5

620 feet - surface  
620 foot plug  
173 Sacks of Type I/II Cement

### Plug 4

1165 feet - 945 feet  
220 foot plug  
25 Sacks of Type I/II Cement

### Plug 3

1737 feet - 1400 feet  
337 foot plug  
38 Sacks of Type I/II Cement

### Plug 2

2838 feet - 2212 feet  
636 foot plug  
71 sacks of Type I/II Cement

### Plug 1

3448 feet - 3228 feet  
220 foot plug  
25 sacks of Type I/II Cement

### Perforations

3498 feet - 3680 feet

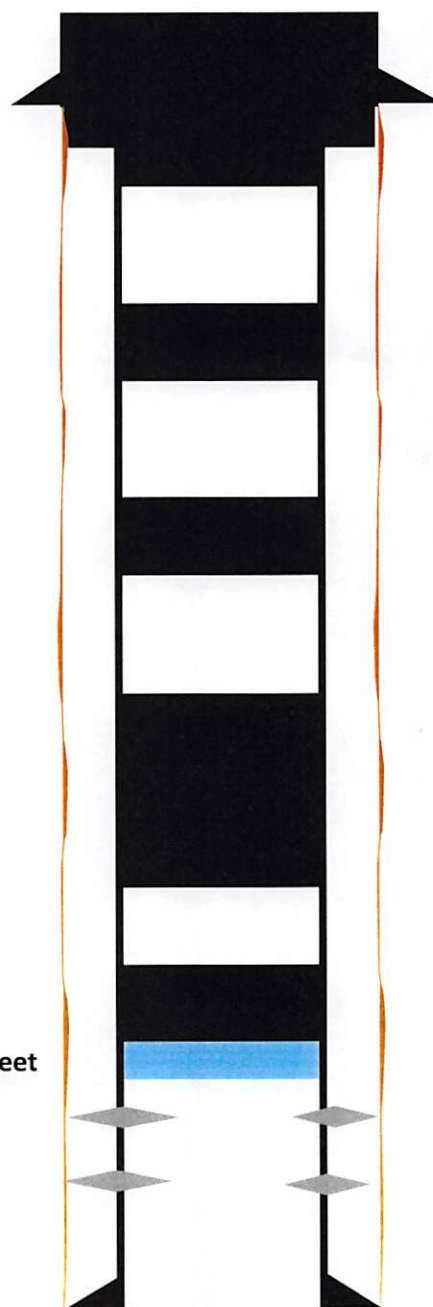
### Formation

Rustler - 1118 feet  
Tansill - 1500 feet  
Seven Rivers - 1687 feet  
Grayburg - 2382 feet  
San Andres - 2788 feet

Retainer @ 3448 feet

### Production Casing

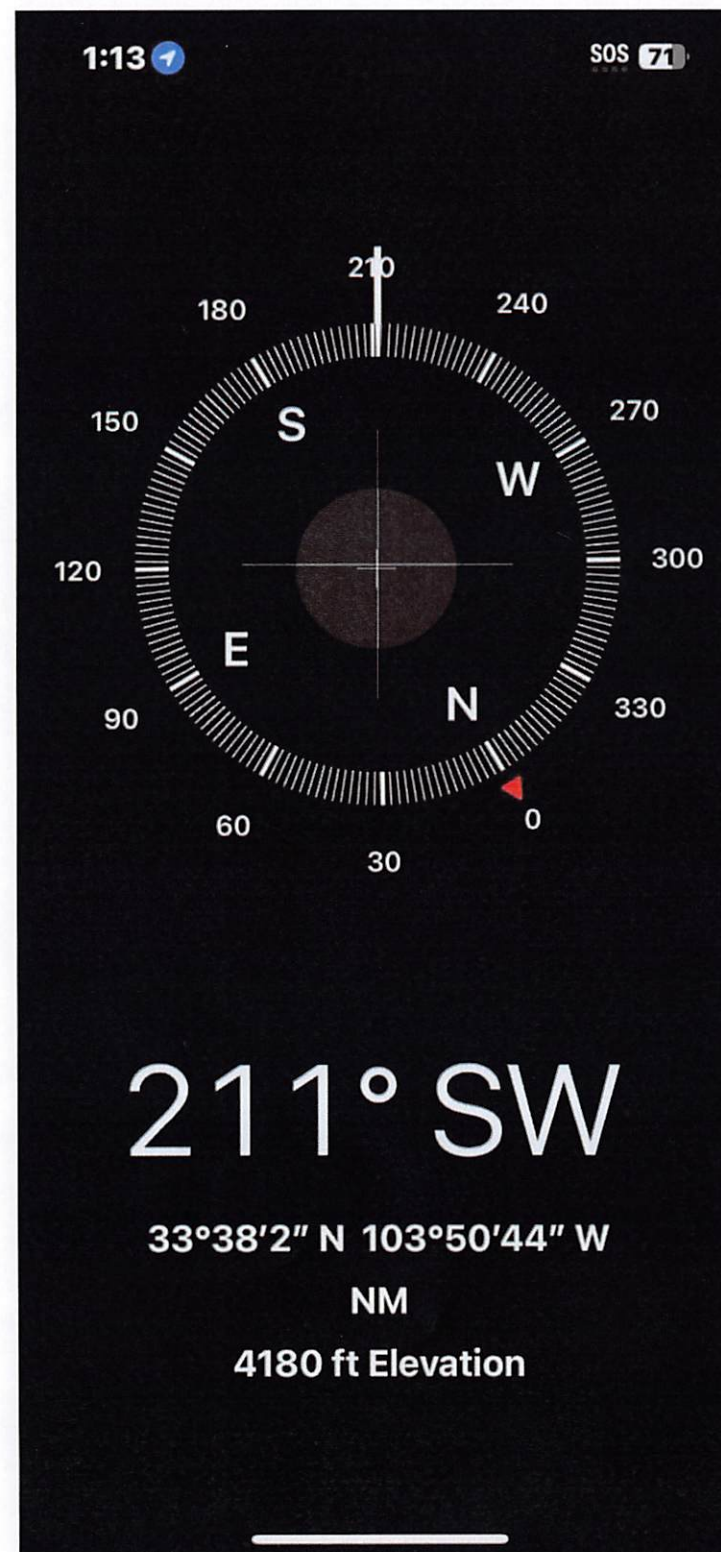
5.5" 15.5# @ 4020 feet  
OH: 7.875"















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Santa Fe, NM 87505

CONDITIONS  
  
Action 264422

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 264422
	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