

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. 30-005-27973
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: D : 1275 feet from the N line and 20 feet from the W line Section 11 Township 08S Range 30E NMPM County: Chaves		8. Well Number: 516
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@dwsrigns.com](mailto:e.wakefield@dwsrigns.com) PHONE: (405)343-7736

**For State Use Only**

APPROVED BY: John Garcia TITLE: Petroleum Supervisor DATE: 9/13/23  
 Conditions of Approval (if any):

## **Cano Petro**

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

#### **Cato San Andres #516**

1275' FNL & 20' FWL, Section 11, 08S, 30E

Chaves County, NM / API 30-005-27973

#### **Work Summary:**

- 8/14/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 8/15/23** Arrived on location and held safety meeting. Fixed roads to location. Moved on location. Cleaned location and continued fixing roads. Positioned rig and equipment. R/U P&A rig. Checked well pressures. See pressures below. Removed horses head and moved pumping unit out of the way. Unset rod string. L/D 45 ¾" rods. Secured well and shutdown for the day.
- 8/16/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Continued to L/D rods. L/D 141 ¾" rods. N/U BOP and function test. R/U floor, tongs, slips. L/D 111 joints of 2-7/8" tubing. P/U 5.5" casing scraper. TIH to top of perforations at 3332'. TOOH. L/D 5.5" scraper. Secure and shut down well for the day.
- 8/17/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U CR. TIH and set at 3282'. R/U cementing services. Circulate wellbore clean with 96 bbls of fresh water. Attempted to pressure test casing to 500 psi but test failed. Pumped plug #1 from top of CR at 3282' to 2594' to cover the San Andres formation top. TOOH. R/U wireline services. TIH and logged well. TOOH. Finished WOC. TIH with tubing and tagged plug #1 at 2600'. R/U cementing services. Pressure tested casing to 500 psi, pressure slowly dropped to 475 psi. Pumped mud/gel spacer from 2600' to 2307'. L/D tubing. R/U cementing services. Pumped

plug #2 from 2307' to 2087' to cover the Grayburg formation top. TOOH. WOC overnight. Secured and shut in well for the day.

**8/18/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Performed rig maintenance. R/U cementing services. Successfully pressure tested casing to 800 psi. TIH and tagged plug #2 at 2067'. R/U cementing services. Pumped mud/gel spacer from 2067' to 1570'. L/D tubing. R/U cementing services. Pumped plug #3 from 1570' to 880' to cover the Yates and Rustler formation tops. Pumped mud/gel spacer from 880 to 565'. L/D tubing. R/U cementing services. Pumped plug #4 from 565' to surface to cover the surface casing shoe. R/D floor, tongs, slips. N/D BOP and removed drill flange. R/D all equipment. 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 10' outside. Filled casing to surface with 3 sacks. Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 3,282' - 2,600', 78 Sacks Type I/II Cement)**

P/U CR. TIH and set at 3282'. R/U cementing services. Circulate wellbore clean with 96 bbls of fresh water. Attempted to pressure test casing to 500 psi but test failed. Pumped plug #1 from top of CR at 3282' to 2594' to cover the San Andres formation top. Logged well. TOOH. Finished WOC. TIH with tubing and tagged plug #1 at 2600'.

##### **Plug #2: (Grayburg Formation Top 2,307 -2,067', 29 Sacks Type I/II Cement)**

Pressure tested casing to 500 psi, pressure slowly dropped to 475 psi. L/D tubing. R/U cementing services. Pumped plug #2 from 2307' to 2087' to cover the Grayburg formation top. TOOH. WOC overnight. TIH and tagged plug #2 at 2067'.

##### **Plug #3: (Yates and Rustler Formation Tops, 1,570' to 880', 78 Sacks Type I/II Cement)**

Successfully pressure tested casing to 800 psi. L/D tubing. R/U cementing services. Pumped plug #3 from 1570' to 880' to cover the Yates and Rustler formation tops.

**Plug #4: (Surface Casing Shoe, 565' to Surface', 68 Sacks Type I/II Cement (3 sx for top off))**

R/U cementing services. Pumped plug #4 from 565' to surface to cover the surface casing shoe. Performed wellhead cutoff. Removed old wellhead. Tagged cement at surface inside and tagged at 10' 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 #516  
API: 30-005-27973  
Chaves County, New Mexico

### Surface Casing

8.625" 24# @ 515ft  
OH: 12.25"

### Plug 4

565 feet - surface  
565 foot plug  
68 Sacks of Type I/II Cement

### Plug 3

1570 feet - 880 feet  
690 foot plug  
78 Sacks of Type I/II Cement

### Plug 2

2307 feet - 2067 feet  
240 foot plug  
25 Sacks of Type I/II Cement

### Plug 1

3282 feet - 2600 feet  
682 foot plug  
78 sacks of Type I/II Cement

### Perforations

3332 feet - 3553 feet

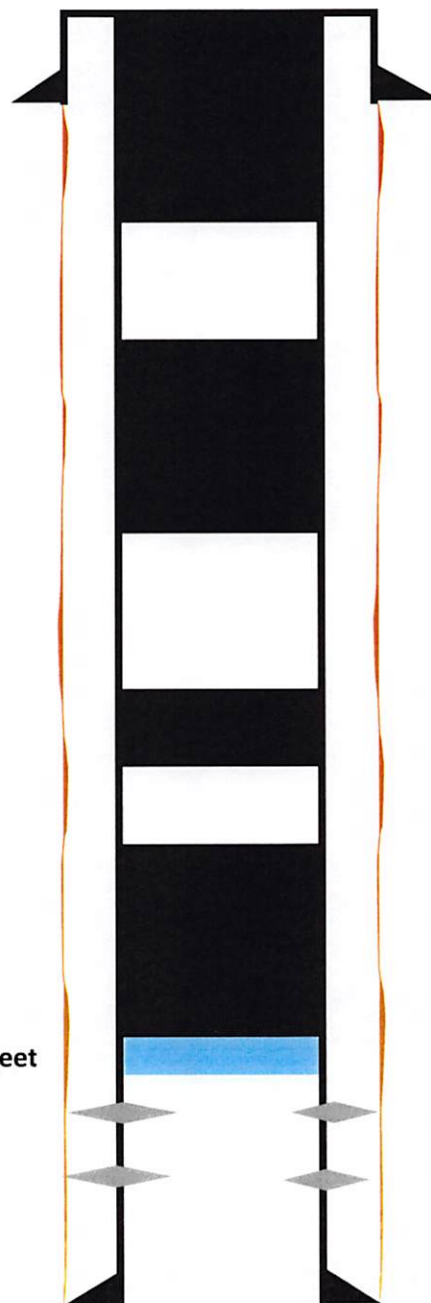
### Formation

Rustler - 1050'  
Transill - 1425'  
Yates - 1526'  
Seven Rivers - 1620'  
Grayburg - 2257'  
San Andres - 2644'

Retainer @ 3282 feet

### Production Casing

5.5" 15.5# @ 4000 feet  
OH: 7.875"

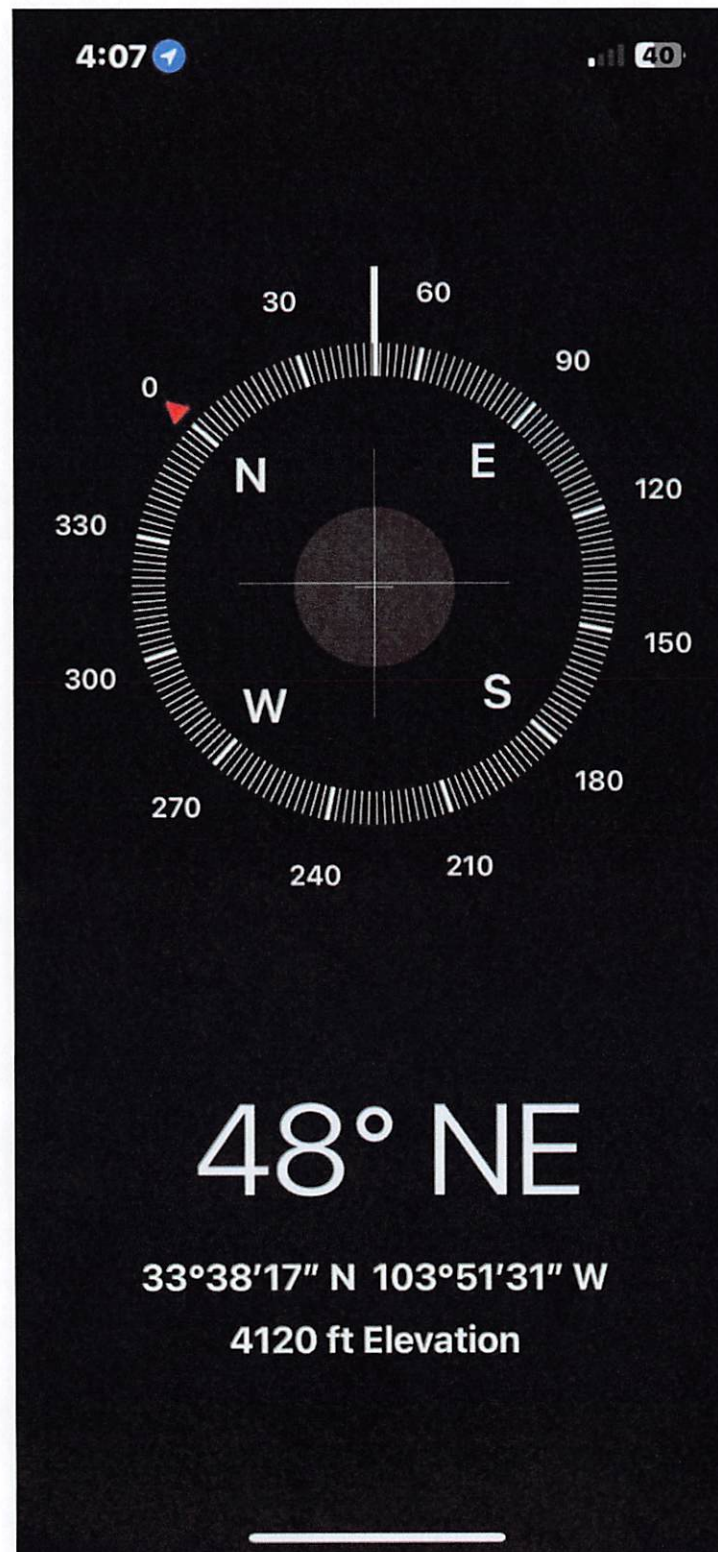
















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CONDITIONS  
  
Action 264414

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 264414
	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