

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-005-28027
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: H : 1365 feet from the N line and 10 feet from the E line Section 11 Township 08S Range 30E NMPM County: Chaves		8. Well Number: 520
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  TITLE: Authorized Representative DATE: 9/14/23

Type or print name: Ethan Wakefield E-mail address: [e.wakefield@dwsigns.com](mailto:e.wakefield@dwsigns.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 #520**

1365' FNL & 10' FEL, Section 11, 08S, 30E

Chaves County, NM / API 30-005-28027

#### **Work Summary:**

- 8/31/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 9/1/23** Arrived on location and held safety meeting. Moved rig to location.
- 9/2/23** Arrived on location and held safety meeting. Fixed roads to location. Move on location. Cleaned location and continued fixing roads. Positioned rig and equipment. R/U P&A rig. N/D WH, N/U BOP and function test. R/U floor, tongs, slips. L/D 126 joints of 2-7/8". P/U 5.5" casing scraper. TIH to 2240'. Secured and shut in well.
- 9/3/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Continue to TIH with scraper to 3489'. TOOH. L/D scraper. P/U CR. TIH and set at 3439'. R/U cementing services. Circulate hole clean with 81 bbls. Successfully pressure tested casing to 800 psi. Load BH with 1 bbl of fresh water. BH successfully pressure tested at 300 psi. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3439'. Secured and shut in well.
- 9/4/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. R/U cementing services. Pumped plug #1 from 3439' to 3214'. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 3214' to 2838'. L/D tubing. R/U cementing services. Pumped plug #2 from 2838' to 2613'. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 2613' to 2362'. L/D tubing. R/U cementing services. Pumped plug #3 from 2362' to 2137'. L/D tubing. R/U cementing

services. Pumped mud/gel spacer from 2137' to 1878'. L/D tubing. R/U cementing services. Pumped plug #4 from 1878' to 1561'. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 1561' to 1255'. L/D tubing. R/U cementing services. Pumped plug #5 from 1255' to 1100'. L/D tubing. R/U cementing services. Pumped mud/gel spacer from 1100' to 600'. L/D tubing. R/U cementing services. Pumped plug #6 from 600' to Surface. L/D tubing. R/D floor, tongs, 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, 3,439'-3,214', 25 Sacks Type I/II Cement)**

P/U CR. TIH and set at 3439'. Successfully pressure tested casing to 800 psi. TOOH. Logged well. TIH. R/U cementing services. Pumped plug #1 from 3439' to 3214'.

**Plug #2: (San Andres Formation Top 2,838' -2,613', 25 Sacks Type I/II Cement)**

L/D tubing. R/U cementing services. Pumped plug #2 from 2838' to 2613'.

**Plug #3: (Grayburg Formation Top, 2,362' to 2,137', 25 Sacks Type I/II Cement)**

L/D tubing. R/U cementing services. Pumped plug #3 from 2362' to 2137'.

**Plug #4: (Seven Rivers and Yates Formation Tops, 1,878' to 1,561', 36 Sacks Type I/II Cement)**

L/D tubing. R/U cementing services. Pumped plug #4 from 1878' to 1561'.

**Plug #5: (Salt Formation Top and Surface Casing Shoe, 1,255' to 1,100', 17 Sacks Type I/II Cement)**

L/D tubing. R/U cementing services. Pumped plug #5 from 1255' to 1100'.

**Plug #6: (Surface Casing Shoe, 600' to Surface', 77 Sacks Type I/II Cement (7 sx for top off))**

L/D tubing. R/U cementing services. Pumped plug #6 from 600' to Surface. L/D tubing. . 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 #520  
API: 30-005-28027  
Chaves County, New Mexico

### Surface Casing

8.625" 24# @ 1200 ft  
OH: 12.25"

### Plug 6

600 feet - Surface  
600 foot plug  
77 Sacks of Type I/II Cement

### Plug 5

1255 feet - 1100  
155 foot plug  
17 Sacks of Type I/II Cement

### Plug 4

1878 feet - 1561 feet  
317 foot plug  
36 Sacks of Type I/II Cement

### Plug 3

2362 feet - 2137 feet  
225 foot plug  
25 Sacks of Type I/II Cement

### Plug 2

2838 feet - 2613 feet  
225 foot plug  
25 sacks of Type I/II Cement

### Plug 1

3439 feet - 3214 feet  
225 foot plug  
25 sacks of Type I/II Cement

### Perforations

3489 feet - 3917 feet

### Formation

Salt - 1205'  
Yates - 1661'  
Seven Rivers - 1828'  
Grayburg - 2312'  
San Andres - 2788'

Retainer @ 3439 feet

### Production Casing

5.5" 17# @ 4090 feet  
OH: 7.875"

















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CONDITIONS  
  
Action 278822

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 278822
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	10/25/2023