

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. 30-005-29028
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: B : 659 feet from the N line and 1922 feet from the E line Section 11 Township 08S Range 30E NMPM County: Chaves		8. Well Number: 822
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: 10/17/23

Type or print name: Ethan Wakefield

E-mail address: [e.wakefield@dwsrigs.com](mailto:e.wakefield@dwsrigs.com)

PHONE: (405)343-7736

**For State Use Only**

APPROVED BY: John Garcia

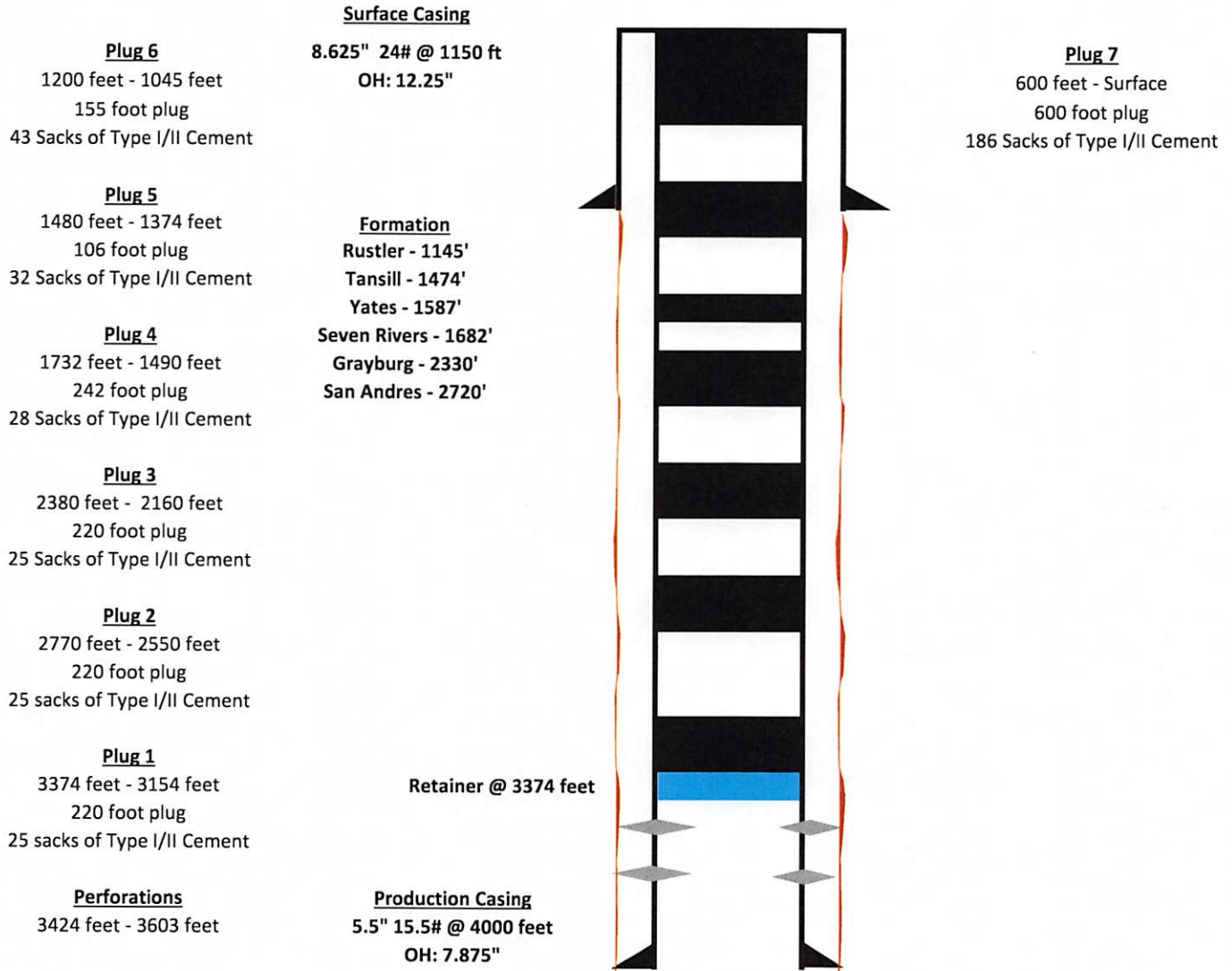
TITLE: Supervisor

DATE: 10/24/23

Conditions of Approval (if any):

## Completed Wellbore Diagram

Cano Petro Of New Mexico  
Cato San Andres #822  
API: 30-005-29028  
Chaves County, New Mexico



## **Cano Petro**

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

#### **Cato San Andres #822**

659' FNL & 1922' FEL, Section 11, 08S, 30E

Chaves County, NM / API 30-005-29028

#### **Work Summary:**

- 9/23/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 9/24/23** Arrived on location and held safety meeting. Recorded wellbore pressures (see wellbore pressures below). Bled down well. Fixed roads and location. R/U P&A unit. Removed well head. N/U BOP function test. R/U floor, tongs, and slips. Unset tubing anchor. L/D 100 joint of 2-3/8" poly lined tubing. P/U 2-3/8" work string. P/U 5.5" casing scraper. TIH with 5.5" casing scraper to 3424'. TOOH. Secure well and shut down for the day.
- 9/25/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bled down well. P/U CR. TIH and set CR at 3374'. R/U cementing services and circulated clean with 80 bbls of fresh water. Successfully pressure tested casing to 800 psi. TOOH with tubing. R/U wireline services. Logged well from top of CR at 3374' to surface. CBL results were sent to NMOCD offices for review. TIH to top of CR at 3374'. R/U cementing services. Pumped plug #1 from 3374'-3154' to cover San Andres perforations. L/D tubing. R/U cementing services. Pumped mud/gel from 3154'-2770'. L/D tubing. R/U cementing services. Pumped plug #2 from 2770'-2550' to cover the San Andres formation top. L/D tubing. R/U cementing services. Pumped mud/gel from 2550'-2380'. L/D tubing. R/U cementing services. Pumped plug #3 from 2380'-2160' to cover the Grayburg formation top. L/D tubing. R/U cementing services. Pumped Mud/gel from 2160'-1732'. L/D tubing. R/U cementing services. Pumped plug #4 from 1732'-1490' to cover the Seven Rivers and Yates formation tops. L/D 7 joints. Reverse out. TOOH

with tubing. R/U wireline services. RIH and perforated at 1480'. POOH. TIH. R/U cementing services. Successfully injected into perf holes at 1480'. P/U 5.5" packer and set at 1237' with EOT at 1335'. Pumped plug #5 from 1480'-1374' to cover the Tansill formation top. Unset packer. L/D tubing. R/U cementing services pumped mud/gel spacer from 1374'-1200'. R/U wireline services. RIH and perforated at 1200'. POOH. TIH with 5.5" packer and set at 882' with EOT at 979'. Pumped plug #6 from 1200'-1045'. to cover the Rustler formation top and surface casing shoe. Unset packer L/D tubing. L/D 5.5" packer. Shut down secure well for the day.

**9/26/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Bled down well. R/U wireline services. RIH and perforated at 600'. POOH. R/U cementing services. Successfully established an injection rate. Pumped plug #7 down casing valve at surface, into perforations at 600' and out BH valve at surface. R/D floor, tongs, slips. N/D BOP. Washed up. RDMOL.

**10/12/23** 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 in both strings. Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations, 3,374 - 3,154', 25 Sacks Type I/II Cement)**

P/U CR. TIH and set CR at 3374'. R/U cementing services and circulated clean with 80 bbls of fresh water. Successfully pressure tested casing to 800 psi. TOOH with tubing. R/U wireline services. Logged well from top of CR at 3374' to surface. CBL results were sent to NMOCD offices for review. TIH to top of CR at 3374'. R/U cementing services. Pumped plug #1 from 3374'-3154' to cover San Andres perforations.

##### **Plug #2: (San Andres Formation Top 2,770' - 2,550', 25 Sacks Type I/II Cement)**

Pumped plug #2 from 2770'-2550' to cover the San Andres formation top.

##### **Plug #3: (Grayburg Formation Top, 2,380' - 2,160', 25 Sacks Type I/II Cement)**

Pumped plug #3 from 2380'-2160' to cover the Grayburg formation top.

**Plug #4: (Seven Rivers and Yates Formation Tops, 1,732' – 1,490', 37 Sacks Type I/II Cement)**

Pumped plug #4 from 1732'-1490' to cover the Seven Rivers and Yates formation tops.

**Plug #5: (Tansill Formation Top, 1,480' – 1,374', 32 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforated at 1480'. POOH. TIH. R/U cementing services. Successfully injected into perf holes at 1480'. P/U 5.5" packer and set at 1237' with EOT at 1335'. Pumped plug #5 from 1480'-1374' to cover the Tansill formation top.

**Plug #6: (Rustler Formation Top and Surface Casing Shoe, 1,200' – 1,045', 43 Sacks Type I/II Cement)**

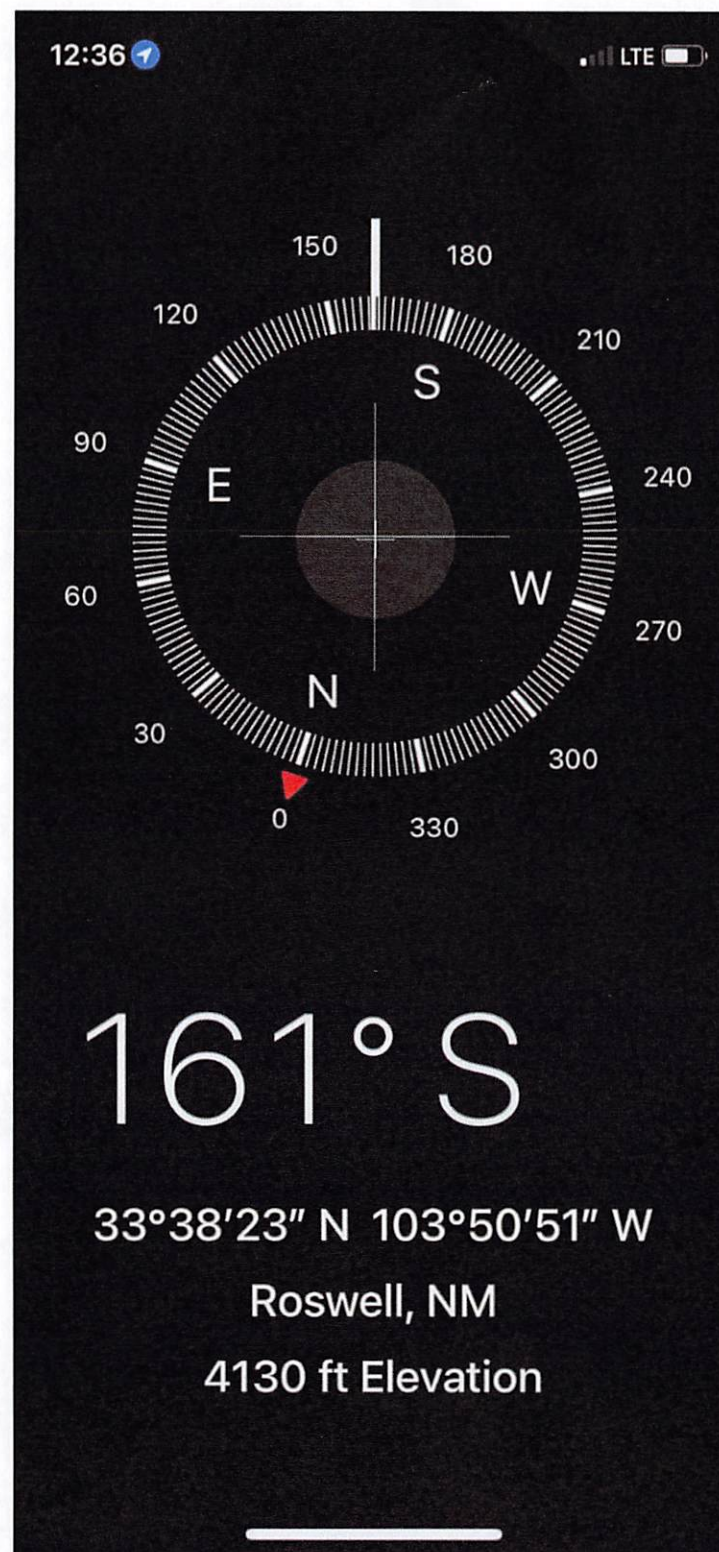
R/U wireline services. RIH and perforated at 1200'. POOH. TIH with 5.5" packer and set at 882' with EOT at 979'. Pumped plug #6 from 1200'-1045' to cover the Rustler formation top and surface casing shoe.

**Plug #7: (Surface, 600' to Surface', 186 Sacks Type I/II Cement (0 sx for top off))**

RIH and perforated at 600'. POOH. R/U cementing services. Successfully established an injection rate. Pumped plug #7 down casing valve at surface, into perforations at 600' and out BH valve at surface. Performed wellhead cutoff. Removed old wellhead. Tagged cement at surface in both strings. Welder attached marker per NMOCD regulations.















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**District IV**  
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State of New Mexico  
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CONDITIONS

Action 278694

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 278694
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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