

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. 30-005-29024
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: G : 2530 feet from the N line and 2593 feet from the E line Section 14 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: 587
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: 9/28/23

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 #587

2530' FNL & 2593' FEL, Section 14, 08S, 30E

Chaves County, NM / API 30-005-29024

Work Summary:

8/20/23 Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.

8/21/23 Arrived on location and held safety meeting. Prepped well and location using backhoe. Moved rig and equipment to location. R/U rig and equipment. ND WH, NU BOP, R/U floor and equipment. L/D 108 2-7/8" joints with ESP cable and pump. Prepped and tallied 2-3/8" work string. P/U 5.5" scraper. TIH to 2512'. Shut in and secured well for the day.

8/22/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Continued to TIH with casing scraper to 3483'. TOOH. L/D scraper. P/U CR. TIH and set CR at 3424'. R/U cementers. Successfully circulated well with 10 bbls. Pumped 80 bbls total. Successfully pressure tested casing to 800 psi. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3424'. R/U cementing services. Pumped Plug #1 from 3424 ft to 3204 ft. R/D cementers. L/D 7 joints. R/U cementing services. Pumped weighted spacer from 3204 ft to 2806 ft. R/D cementers. L/D 12 joints. R/U cementing services. Pumped Plug #2 from 2806 ft to 2586 ft. R/D cementers. L/D 8 joints. R/U cementing services. Pumped weighted spacer from 2586 ft to 2398 ft. R/D cementers. L/D 5 joints. R/U cementing services. Pumped Plug #3 from 2398 ft to 2178 ft. R/D cementers. L/D 8 joints. R/U cementing services. Pumped weighted spacer from 2178 ft to 1738 ft. R/D cementers. L/D 13 joints. R/U cementing services. Pumped Plug #4 from 1738 ft to 1375 ft. R/D cementers. L/D 13 joints. R/U cementing services. Pumped weighted spacer from 1375 ft to 1105 ft. R/D cementers.

L/D 7 joints. Reverse circulated at 1100 ft. TOOH. R/U wireline services. Perforated at 1105 ft. R/D wireline. Installed 5.5" packer. TIH and set it at 630 ft, with end of tubing at 723 ft. R/U cementing services. Successfully established an injection rate into perforations at 1105 ft. Pumped 12 bbls. Pumped plug #5 into perforations from 1105 ft to 723'. R/D cementers. Unset packer and TOOH. Secured well.

8/23/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged plug #5 at 650'. R/U cementing services. Pumped mud/gel spacer from 650' to 600'. R/D cementers. L/D tubing. R/U wireline services. RIH and perforated at 600'. POOH. R/U cementers. Successfully circulated water down 5.5" casing, into perforations at 600', and out BH valve at surface. Pumped plug #6 down 5.5" casing, into perforations at 600', and out BH valve at surface. R/D cementers. R/D floor. ND BOP, NU WH. R/D equipment and prepare to MOL.

~~8/24/23~~
9/24/23 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 surface outside. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations, 3,242'-3,204', 25 Sacks Type I/II Cement)

P/U CR. TIH and set CR at 3424'. R/U cementers. Successfully circulated well with 10 bbls. Pumped 80 bbls total. Successfully pressure tested casing to 800 psi. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 3424'. R/U cementing services. Pumped Plug #1 from 3424 ft to 3204 ft.

Plug #2: (San Andres Formation Top 2,806 -2,586', 25 Sacks Type I/II Cement)

L/D 12 joints. R/U cementing services. Pumped Plug #2 from 2806 ft to 2586 ft. R/D cementers.

Plug #3: (Grayburg Formation Top, 2,398' to 2,178', 25 Sacks Type I/II Cement)

L/D 5 joints. R/U cementing services. Pumped Plug #3 from 2398 ft to 2178 ft. R/D cementers.

Plug #4: (Seven Rivers, Yates, and Tansill Formation Tops, 1,738' to 1,375', 41 Sacks Type I/II Cement)

L/D 13 joints. R/U cementing services. Pumped Plug #4 from 1738 ft to 1375 ft. R/D cementers.

Plug #5: (Rustler Formation Top and surface casing shoe, 1,105' to 650', 163 Sacks Type I/II Cement)

R/U wireline services. Perforated at 1105 ft. R/D wireline. Installed 5.5" packer. TIH and set it at 630 ft, with end of tubing at 723 ft. R/U cementing services. Successfully established an injection rate into perforations at 1105 ft. Pumped 12 bbls. Pumped plug #5 into perforations from 1105 ft to 723'. R/D cementers. Unset packer and TOOH. WOC. TIH and tagged plug #5 at 650'.

Plug #6: (Surface, 600' to Surface', 162 Sacks Type I/II Cement (0 sx for top off))

R/U wireline services. RIH and perforated at 600'. POOH. R/U cementers. Successfully circulated water down 5.5" casing, into perforations at 600', and out BH valve at surface. Pumped plug #6 down 5.5" casing, into perforations at 600', and out BH valve at surface. R/D cementers. Performed wellhead cutoff. Removed old wellhead. Tagged cement at surface inside and tagged at surface outside. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #587
API: 30-005-29024
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 850 ft
OH: 12.25"

Plug 6

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

Plug 5

1105 feet - 650 feet
455 foot plug
163 Sacks of Type I/II Cement

Plug 4

1738 feet - 1375 feet
363 foot plug
41 Sacks of Type I/II Cement

Plug 3

2398 feet - 2178 feet
220 foot plug
25 Sacks of Type I/II Cement

Plug 2

2806 feet - 2586 feet
220 foot plug
25 sacks of Type I/II Cement

Plug 1

3424 feet - 3204 feet
220 foot plug
25 sacks of Type I/II Cement

Perforations

3474 feet - 3652 feet

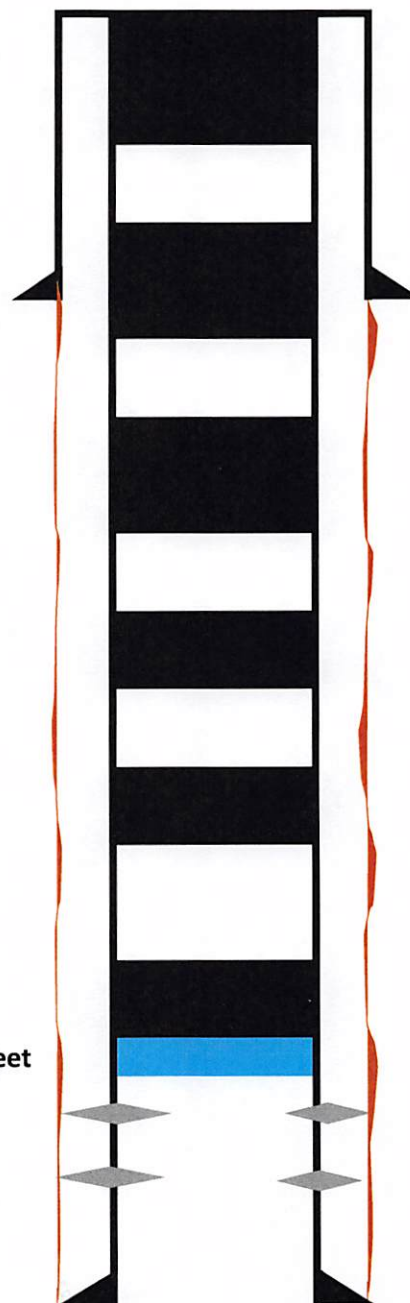
Formation

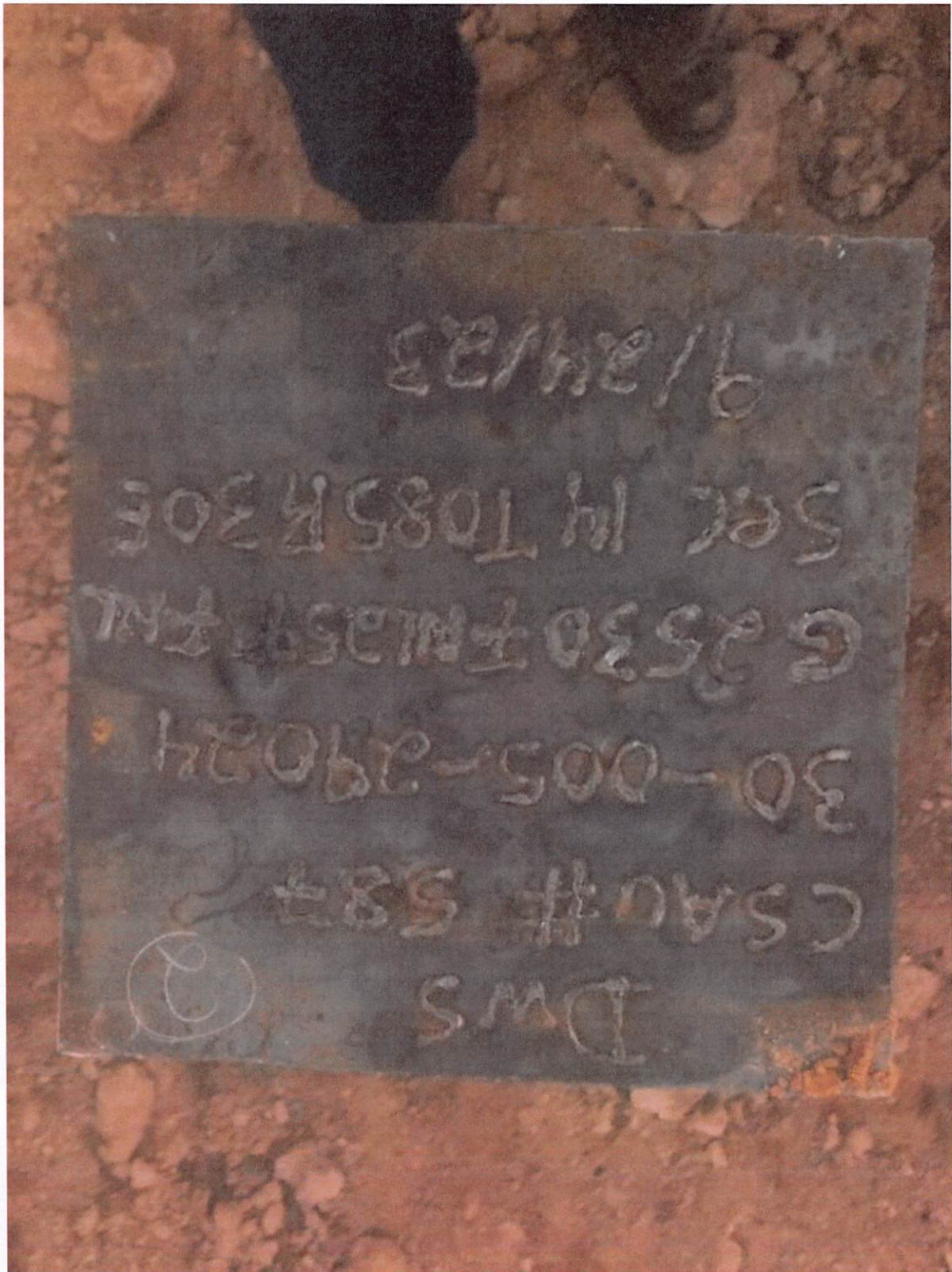
Rustler - 1055'
Tansill - 1475'
Yates - 1591'
Seven Rivers - 1688'
Grayburg - 2348'
San Andres - 2756'

Retainer @ 3424 feet

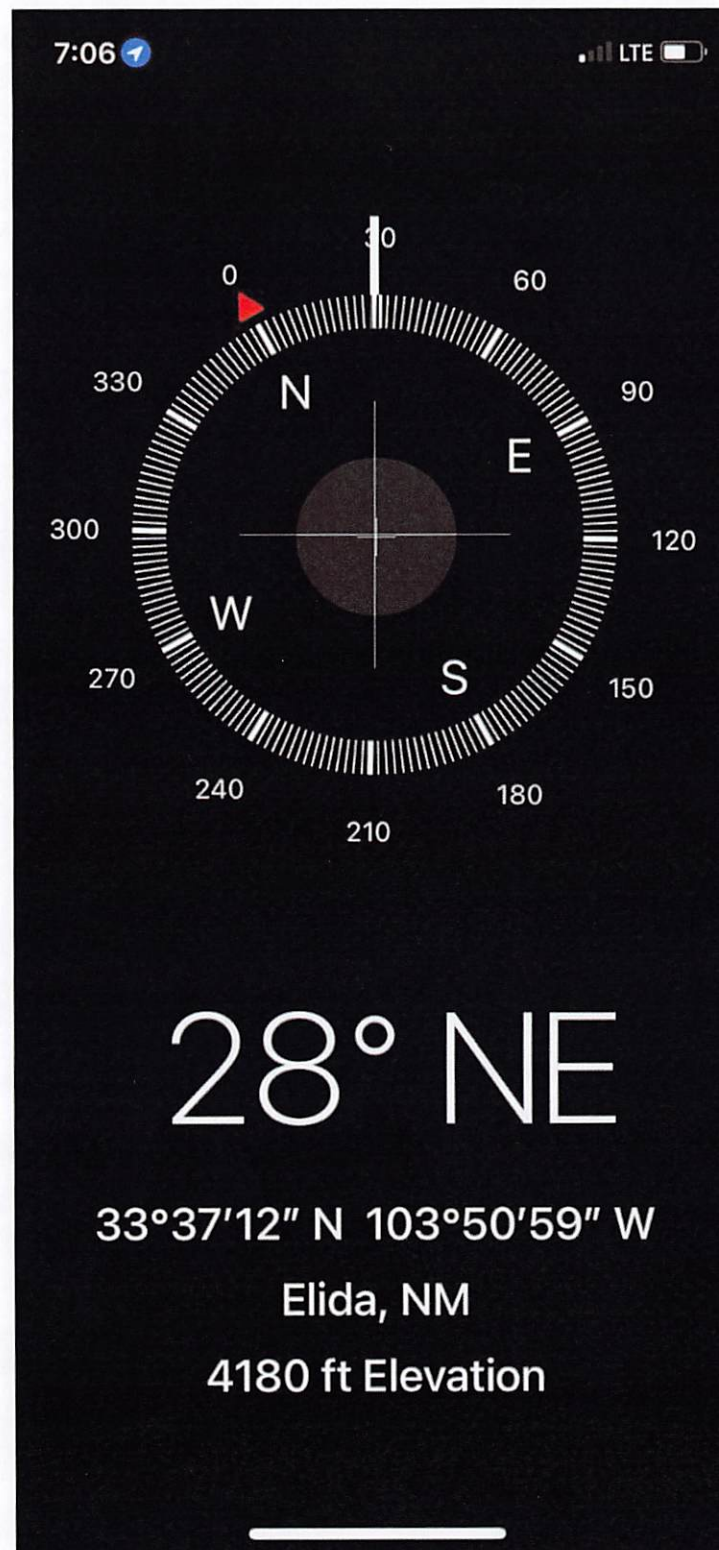
Production Casing

5.5" 15.5# @ 4015 feet
OH: 7.875"











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CONDITIONS

Action 278678

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 278678
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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