

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. 30-005-28017
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: H : 1365 feet from the N line and 1280 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: 574
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: 9/28/23

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 #574

1365' FNL & 1260' FEL, Section 14, 08S, 30E

Chaves County, NM / API 30-005-28017

Work Summary:

- 9/17/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 9/18/23** Arrived on location and held safety meeting. Preformed equipment maintenance. 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 106 2-7/8" tubing joints with ESP cable and ESP pump. Prepped and tallied 2-3/8" work string. Shut in and secured well for the day.
- 9/19/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. PU 5.5" casing scraper. TIH to 3473'. TOO H. Remove casing scraper. P/U 5.5" CR. TIH and set CR at 3454'. R/U cementing services. Successfully circulated well with 18 bbls pumped 64 bbls total. Attempted to pressure test but was unsuccessful fluid started coming out of BH. R/D cementing services. TOO H. R/U wireline. Logged well. R/D wireline. TIH to 3454'. R/U cementing services. Pumped plug #1 from 3454' to 3234'. R/D cementing services. LD 11 joints and TOO H. WOC overnight. Shut and secure well and equipment.
- 9/20/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged plug #1 at 3216'. R/U cementing services. Pumped weighted spacer from 3216' to 2924'. R/D cementers. L/D 8 joints. R/U cementing services. Pumped plug #2 from 2924' to approximately 2704'. R/D cementers. L/D 8 joints. and TOO H. WOC 4 hrs. TIH tagged plug #2 at 2676'. R/U cementing services. Pumped weighted spacer from 2676' to 2428'.

R/D cementers. L/D 6 joints. R/U cementing services. Pumped plug #3 from 2428' to approximately 2208'. R/D cementers. L/D 7 joints and TOOH. WOC 4 hrs. TIH tagged plug #3 at 2167'. R/U cementing services. Pumped weighted spacer from 2167' to 1658', R/D cementers. L/D 14 joints. R/U cementing services. Pumped plug #4 from 1658' to approximately 1363', R/D cementers. L/D 10 joints and TOOH. WOC overnight. Shut and secure well and equipment.

9/21/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged plug #4 at 1438'. R/U cementing service. Continued pumping plug #4 from 1438' to 1363'. R/D cementers. L/D 3 joints. TOOH. WOC 4 hours. TIH and tagged plug #4 at 1343'. R/U cementing services. Pumped mug/gel spacer from 1343' to 1144'. R/D cementers. L/D 5 joints. R/U cementing services. Pumped plug #5 from 1144' to 758'. R/D cementers. L/D 13 joints. TOOH. WOC 4 hours. TIH and tagged plug #5 737'. R/U cementers. Successfully pressure tested casing to 800 psi. Pumped mud/gel spacer from 737' to 600'. R/D cementers. L/D tubing. Shut in and secured well.

9/22/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. R/U wireline services. Attempted to RIH but could not get past 286'. R/D wireline services. P/U drill bit. TIH to 641'. TOOH. R/U wireline services. RIH and perforated at 600'. POOH. R/U cementing services. Attempted to circulate water down casing and into perforations but was unable to. Pumped plug #6 down 5.5" casing and into perforations at 600'. R/D cementers. WOC 4 hours. Attempted to pump water down casing and into perforation but wellbore pressured up. Successfully pressure tested BH valve to 300 psi. R/U wireline services. RIH and perforated at 90'. POOH. R/U cementing services. Attempted to circulate through perforations with no luck. TIH and tagged at 600'. R/U cementing services. Pumped cement from 600' to surface. R/D cementers. L/D tubing. R/D floor. ND BOP. NU WH. R/D 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 20' inside and tagged at 15' outside. Topped off with 2 sx. Welder attached marker per NMOC regulations.

Plug Summary:**Plug #1: (San Andres Perforations, 3,454'-3,216', 25 Sacks Type I/II Cement)**

P/U 5.5" CR. TIH and set CR at 3454'. R/U cementing services. Successfully circulated well with 18 bbls pumped 64 bbls total. Attempted to pressure test but was unsuccessful fluid started coming out of BH. TOOH. Logged well. TIH to 3454'. R/U cementing services. Pumped plug #1 from 3454' to 3234'. R/D cementing services. TOOH. WOC overnight. TIH and tagged plug #1 at 3216'.

Plug #2: (San Andres Formation Top 2,924 -2,676', 25 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #2 from 2924' to approximately 2704', R/D cementers. L/D 8 joints. and TOOH. WOC 4 hrs. TIH tagged plug #2 at 2676'.

Plug #3: (Grayburg Formation Top, 2,428' to 2,167', 25 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #3 from 2428' to approximately 2208', R/D cementers. L/D 7 joints and TOOH. WOC 4 hrs. TIH and tagged plug #3 at 2167'.

Plug #4: (Seven Rivers, Yates, and Tansill Formation Tops, 1,658' to 1,343', 33 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #4 from 1658' to approximately 1363', R/D cementers. L/D 10 joints and TOOH. WOC overnight. TIH and tagged plug #4 at 1438'. R/U cementing service. Continued pumping plug #4 from 1438' to 1363'. R/D cementers. L/D 3 joints. TOOH. WOC 4 hours. TIH and tagged plug #4 at 1343'.

Plug #5: (Rustler Formation Top and surface casing shoe, 1,144' to 737', 44 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #5 from 1144' to 758'. R/D cementers. L/D 13 joints. TOOH. WOC 4 hours. TIH and tagged plug #5 737'. R/U cementers. Successfully pressure tested casing to 800 psi.

Plug #6: (Surface, 600' to Surface', 204 Sacks Type I/II Cement (2 sx for top off))

R/U wireline services. RIH and perforated at 600'. POOH. R/U cementing services. Attempted to circulate water down casing and into perforations but was unable to circulate through BH. Pumped

plug #6 down 5.5" casing and into perforations at 600'. R/D cementers. WOC 4 hours. Attempted to pump water down casing and into perforation but wellbore pressured up. Successfully pressure tested BH valve to 300 psi. R/U wireline services. RIH and perforated at 90'. POOH. R/U cementing services. Attempted to circulate through perforations with no luck. TIH and tagged at 600'. R/U cementing services. Pumped cement from 600' to surface. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 20' inside and tagged at 15' outside. Topped off with 2 sx. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #574
API: 30-005-28017
Chaves County, New Mexico

Surface Casing

8.625" 24# @ 858 ft
OH: 12.25"

Plug 6

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

Plug 5

1144 feet - 737
407 foot plug
44 Sacks of Type I/II Cement

Plug 4

1658 feet - 1343 feet
315 foot plug
33 Sacks of Type I/II Cement

Plug 3

2428 feet - 2167 feet
261 foot plug
25 Sacks of Type I/II Cement

Plug 2

2924 feet - 2676 feet
248 foot plug
25 sacks of Type I/II Cement

Plug 1

3454 feet - 3216 feet
238 foot plug
25 sacks of Type I/II Cement

Perforations

3504 feet - 3584 feet

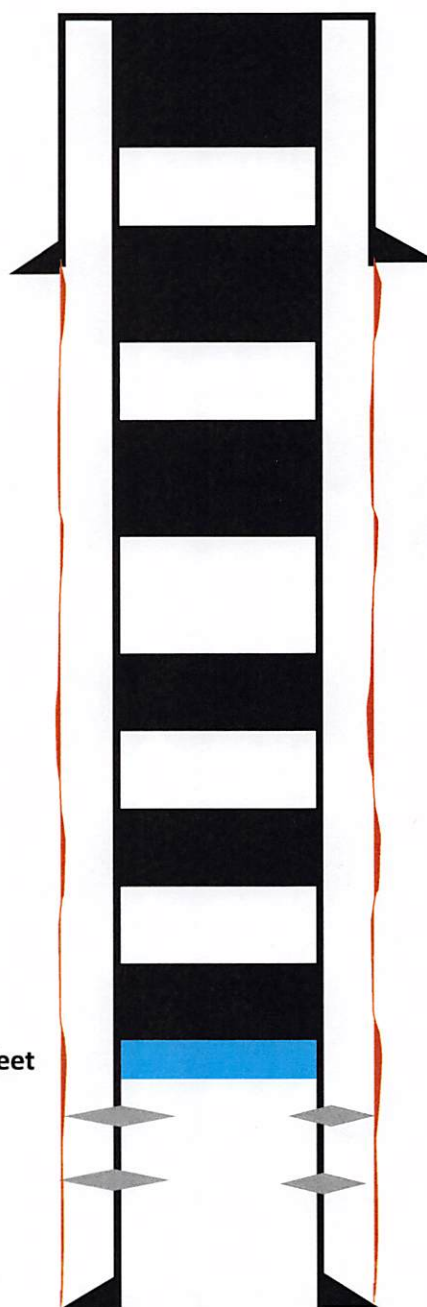
Formation

Ruslter - 1094'
Tansill - 1463'
Yates - 1579'
Seven Rivers - 1608'
Grayburg - 2378'
San Andres - 2874'

Retainer @ 3454 feet

Production Casing

5.5" 15.5# @ 4045 feet
OH: 7.875"











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Santa Fe, NM 87505

CONDITIONS

Action 278681

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 278681
	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 to correct typo.	10/24/2023