

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. 30-005-20007
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: J : 11980 feet from the S line and 1980 feet from the E line Section 17 Township 08S Range 30E NMPM County: Chaves		8. Well Number: 100
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: 9/14/23

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 #545 ~~XXXX~~ #100

1980' FSL & 1980' FEL, Section 17, 08S, 30E

Chaves County, NM / API 30-005-20007

Work Summary:

- 6/13/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 6/14/23** Arrived on location and held safety meeting on CSA #098. R/D floor, ND BOP, NU WH. R/D unit and equipment. Moved equipment to CSA #100. Built road to location. Moved in equipment. R/U Unit. N/D WH, NU BOP, R/U floor. Prepped and tallied work string. P/U 4.5" casing scraper and tagged hard at 1670'. TOOH tubing parted. Left 20 joints and casing scraper in hole. P/U overshot. TIH and tagged at 505'. Worked overshot with no success. TOOH. Installed notched collar. TIH and tagged at 505. Worked string but could not get through tight spot. L/D tubing. R/D floor, ND BOP, NU WH. R/D unit and move to next location.
- 8/30/23** Arrived on location and held safety meeting. Moved equipment to CSA #100. Worked on road to location. Moved in equipment. R/U Unit. N/D WH, NU BOP, function tested, R/U floor, slips and tongs. P/U skirted mill. TIH and tagged at 544'. R/U power swivel. Clean out to 575'. Lost circulation. Pull up and spotted at 10 bbl slug. Displaced with 3 bbl. TOOH. Stand back tubing and drill collars. Secure well and shut down.
- 8/31/23** Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U skirted mill and 2 collars. TIH and tagged at 955'. R/U power swivel. Washed down to 1313'. Unable to make a tubing connection. TOOH. Found skirted mill plugged off with sand. TIH with tubing and tagged at 972'. TOOH. P/U rock bit. TIH and worked down to 1330'. Pumped LCM

slug. TOOH. Wait on slug for 1.5 hr. TIH and tagged at 1428' attempted to break circulation but was unsuccessful. R/D swivel. TOOH. Shut in and secured well.

9/1/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U bit and bit sub. TIH and tagged at 1492'. Break circulation. Work down to 1690'. TOOH. P/U skirted mill and 2 collars. TIH and tag at 970'. Work down to 1445'. Circulate clean. POOH. Found mill had cracked. Secured well for the day.

9/2/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH with mule shoe collar and tagged at 1690'. TOOH. P/U bit and bit sub. TIH with collar and bit. TIH to 1690', unable to work past 1690'. TOOH. L/D bit. TIH with collar to 1690'. R/U cementing services. Pumped plug #1 from 1690' to 1358'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1642'. R/U cementing services. Pumped 10 bbl cedar fiber slug followed by 25 sx of cement. TOOH. WOC overnight. 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. TIH and tagged plug #1 at 1560'. R/U cementing services. Cleaned hole with 13 bbls. Continued pumping plug #1 from 1560' to 1045'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1497'. R/U cementing services. Circulated with 40 bbls to clean wellbore. Continued pumping plug #1 from 1497' to 982'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1400'. R/U cementing services. Continued pumping plug #1 from 1400' to 885'. TOOH to 700'. Circulated with 20 bbls. WOC overnight. 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. TIH and tagged plug #1 at 1355'. R/U cementing services. Continued pumping plug #1 from 1355' to 840'. WOC 4 hours. TIH and tagged plug #1 at 1320'. R/U cementing services. Continued pumping plug #1 from 1320' to 670'. WOC 4 hours. TIH and tagged plug #1 at 1188'. R/U cementing services. Continued pumping plug #1 from 1188' to 673'. TOOH. WOC overnight. Secured and shut in well.

9/5/23 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 1187'. R/U cementing services. Continued pumping plug #1 from 1187' to 673'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1150'. R/U cementing services. Continued pumping plug #1 from 1150' to 600'. TOOH. WOC 4 hours. TIH and tagged plug #1 at

1135'. R/U cementing services. Continued pumping plug #1 from 1135' to 600'. TOOH. WOC overnight. Shut in and secured well.

9/6/23 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 1100'. R/U cementing services. Continued pumping plug #1 from 1100' to 566'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1088'. R/U cementing services. Continued pumping plug #1 from 1088' to 566'. TOOH. WOC 4 hours. TIH and tagged cement at 1040'. R/U cementing services. Continued pumping plug #1 from 1040' to 566'. WOC overnight. Shut in and secured well.

9/7/23 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 1020'. R/U cementing services. Continued pumping plug #1 from 1020' to 600'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1020'. R/U cementing services. Continued pumping plug #1 from 1020' to 600'. TOOH. WOC 4 hours. TIH and tagged cement at 838'. R/U cementing services. Attempted to pressure test casing but was unsuccessful. Continued pumping plug #1 from 838' to 600'. WOC overnight. Shut in and secured well.

9/8/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged cement at 520'. L/D tubing. R/U wireline services. RIH and perforated at 520'. POOH. R/U cementing services. Successfully circulated water down casing, into perforations, and out BH valve at surface. TIH with tubing. R/U cementers. Pumped cement into perforations, and out BH valve at surface. Shut valve and continued pumping. Topped off production string at surface. 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 3' outside. Filled casing to surface with 2 sacks. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (Yates and Anhy Formation Tops, 1,690'-520', 500 Sacks Type I/II Cement)

TIH with collar to 1690'. R/U cementing services. Pumped plug #1 from 1690' to 1358'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1642'. R/U cementing services. Pumped 10 bbl cedar fiber slug followed by 25 sx of cement. TOOH. WOC overnight. TIH and tagged

plug #1 at 1560'. R/U cementing services. Cleaned hole with 13 bbls. Continued pumping plug #1 from 1560' to 1045'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1497'. R/U cementing services. Circulated with 40 bbls to clean wellbore. Continued pumping plug #1 from 1497' to 982'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1400'. R/U cementing services. Continued pumping plug #1 from 1400' to 885'. TOOH to 700'. Circulated with 20 bbls. WOC overnight. TIH and tagged plug #1 at 1355'. R/U cementing services. Continued pumping plug #1 from 1355' to 840'. WOC 4 hours. TIH and tagged plug #1 at 1320'. R/U cementing services. Continued pumping plug #1 from 1320' to 670'. WOC 4 hours. TIH and tagged plug #1 at 1188'. R/U cementing services. Continued pumping plug #1 from 1188' to 673'. TOOH. WOC overnight. TIH and tagged plug #1 at 1187'. R/U cementing services. Continued pumping plug #1 from 1187' to 673'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1150'. R/U cementing services. Continued pumping plug #1 from 1150' to 600'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1135'. R/U cementing services. Continued pumping plug #1 from 1135' to 600'. TOOH. WOC overnight. TIH and tagged plug #1 at 1100'. R/U cementing services. Continued pumping plug #1 from 1100' to 566'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1088'. R/U cementing services. Continued pumping plug #1 from 1088' to 566'. TOOH. WOC 4 hours. TIH and tagged cement at 1040'. R/U cementing services. Continued pumping plug #1 from 1040' to 566'. WOC overnight. TIH and tagged plug #1 at 1020'. R/U cementing services. Continued pumping plug #1 from 1020' to 600'. TOOH. WOC 4 hours. TIH and tagged plug #1 at 1020'. R/U cementing services. Continued pumping plug #1 from 1020' to 600'. TOOH. WOC 4 hours. TIH and tagged cement at 838'. R/U cementing services. Attempted to pressure test casing but was unsuccessful. Continued pumping plug #1 from 838' to 600'. WOC overnight. TIH and tagged cement at 520'.

Plug #2: (Surface Casing Shoe, 556' to Surface', 155 Sacks Type I/II Cement (7 sx for top off))

L/D tubing. R/U wireline services. RIH and perforated at 520'. POOH. R/U cementing services. Successfully circulated water down casing, into perforations, and out BH valve at surface. TIH with tubing. R/U cementers. Pumped cement into perforations, and out BH valve at surface. Shut valve and continued pumping. Topped off production string at surface. Performed wellhead cutoff. Removed old wellhead. Tagged cement at Surface inside and tagged at 3'

outside. Filled casing to surface with 2 sacks. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #100
API: 30-005-20007
Chaves County, New Mexico

Surface Casing

8.625" 28# @ 516 ft
OH: 12.25"

Plug 2

520 feet - Surface
520 foot plug
155 Sacks of Type I/II Cement

Plug 1

1690 feet - 520 feet
1170 foot plug
500 sacks of Type I/II Cement

Formation

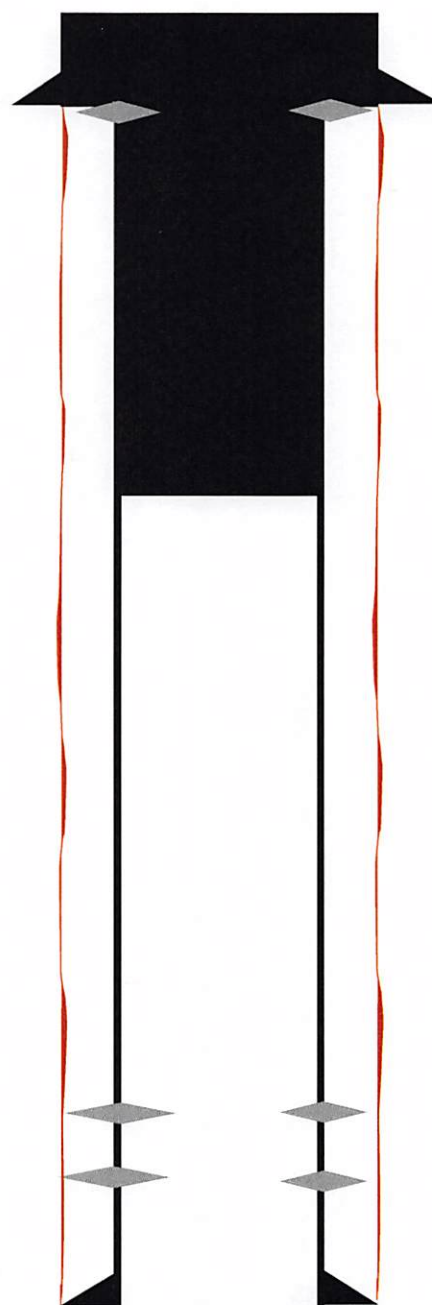
Anhy - 990'
Yates - 1418'
San Andres - 2550'

Perforations

3267 feet - 3345 feet

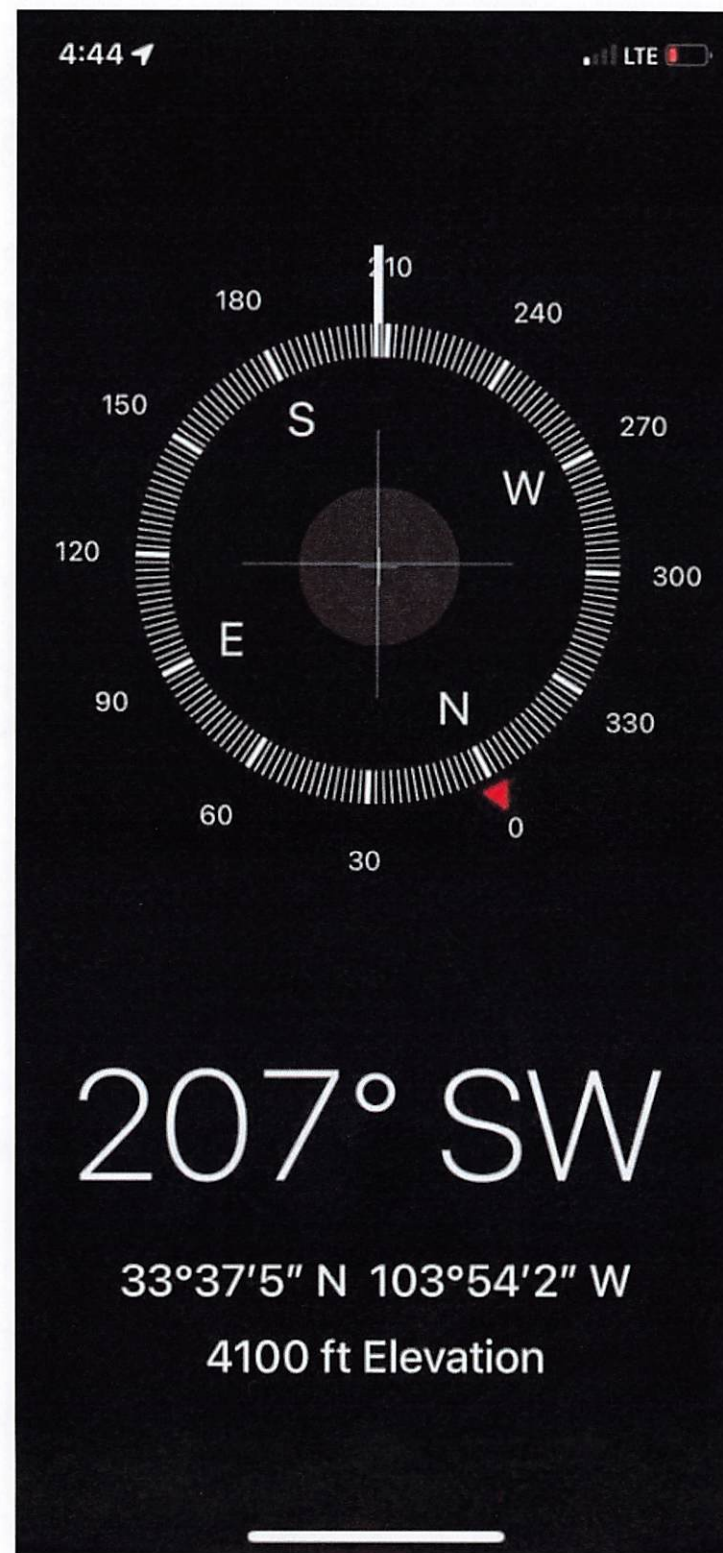
Production Casing

4.5" 9.5# @ 3450 feet
OH: 7.875"











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Santa Fe, NM 87505

CONDITIONS

Action 278690

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 278690
	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