(DO NOT USE THIS FORM FOR PROPOSALS DIFFERENT RESERVOIR. USE "APPLICATI PROPOSALS.)	State of New Mexico Energy, Minerals and Natural Resources OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 FICES AND REPORTS ON WELLS OSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A LICATION FOR PERMIT" (FORM C-101) FOR SUCH Gas Well Other		Form C-103 Revised July 18, 2013 WELL API NO. 30-005-20103 5. Indicate Type of Lease STATE FEE 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name Cato San Andres 8. Well Number: 119 9. OGRID Number: 248802 10. Pool name or Wildcat Cato; San Andres	
	m the S line and 1980 feet from th	ne E line		
Section 15 Township		NMPM	County: Chaves	
	1. Elevation (Show whether DR, R	NB, K1, GK, etc.)		
TEMPORARILY ABANDON CPULL OR ALTER CASING MOUNT COMMINGLE COSED-LOOP SYSTEM OTHER:	HANGE PLANS COMPL COMPL COMPL COMPL COMPL COMPL COMPL COMPL COMPL COMPLET COMP		IG OPNS. □ P A	
Spud Date: I hereby certify that the information abo	Rig Release Date		d belief.	
SIGNATURE ETTE ONLY		red Representative I		
Type or print name: Ethan Wakefield For State Use Only John Garcia	E-mail address: e.wakefield@d		NE: (405)343-7736	10/24/23
APPROVED BY: Conditions of Approval (if any):	TITLE		DATE	10/21/20

Cano Petro

Plug And Abandonment End Of Well Report Cato San Andres #119

660' FSL & 1980' FEL, Section 15, 08S, 30E Chaves County, NM / API 30-005-20103

Work Summary:

8/11/23	Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
8/12/23	Arrived on location and held safety meeting. Fixed roads to location. Move on location. R/U P&A unit. Work on BOP and function test. Made sure all hydro lines are correct. Shut down and secured location.
8/13/23	Arrived on location and held safety meeting. Serviced rig and worked on air leaks. Got all needed equipment and tools. Shut down and secured location.
8/14/23	Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U 2-3/8" tubing sub and tried pulling tubing but the tubing coupling came off. Picked up spear and pulled tubing. Removed slip hanger from wellhead. Set down tubing. Disassembled well head and installed a new wellhead. N/U BOP and function test. Rig up floor, tubing tongs etc. P/U 2-3/8" overshot, latch on to 2-3/8" tubing and try to pull up to floor. Could not unset tubing. Worked string up and down but could not unset. Wait on wireline to free point. Dug out seller around well head to spot tubing float. Shut down and secured the well for the day.
8/15/23	Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. R/U cementing services. Pumped 12 bbl. of fresh water down tubing. R/U wireline services. Run in with 1.75" gauge ring to 333'. Pulled on tubing to 15,000 lbs. and was able to get to 340'. POOH. Installed 1.68" gauge

ring. RIH. Was able to get to 340'. Added weight to the sinker bar to go deeper but was unsuccessful. R/D wireline services. R/D floor, tongs, slips. N/D BOP. Removed well head and installed old well head. Rig down P&A rig and MOL.

- 9/9/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Fix roads and location. MOL R/U P&A unit. Remove wellhead N/U BOP function test. R/U floor, tongs. slips. P/U 2-3/8" overshot latch on to 2-3/8" production string. R/U wireline services. RIH and cut tubing at 339'. L/D 10 joints and 18' of the cut joint. P/U skirted mill and 1 collar. TIH and tagged fish top at 339'. R/U swivel. Mill on fish. Circulate hole clean. R/D swivel and TOOH. Shut down due to weather.
- 9/10/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U skirted will. TIH and tagged fish at 335'. R/U swivel. Milled down to 336'. TOOH. Checked mill. Added a drill collar. TIH and tagged fish. Milled fish. Circulated hole clean. TOOH. Secured and shut in well.
- 9/11/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. P/U 2-3/8" overshot. TIH and latched onto tubing. Worked fish up 16'. Fish continued to slowly TOOH. TOOH with tubing. L/D 41 joints of fish, 52 total. Secured well and shut in for the day.
- 9/12/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. TIH and tagged at 1667'. Screw onto fish. Worked stuck tubing string. R/U wireline services. RIH and tagged at 1713'. Attempted to pump water down tubing but was unable to. Worked wireline down and cut tubing at 2930'. R/D wireline. Worked tubing until it broke. TOOH with 815' of tubing. P/U overshot. TIH with overshot. Unable to latch on to fish. TOOH changed out grapples in overshot. TIH. Latched onto fish. Shut in and secured well.
- 9/13/23 Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Worked stuck tubing. Backed off tubing and TOOH with 1667'. Removed overshot and fish. TIH and tagged at 1667'. Screwed onto fish. R/U wireline services. Could not get wireline past 1667'. R/D wireline services. Unscrewed from tubing and TOOH. Replaced bottom 2 joints of tubing. TIH and screwed into fish at 1667'. R/U wireline services. Again, could not get wireline past 1667'. TOOH. Removed scraper. Installed 4.5" packer. TIH and set packer at 1660'. Attempted to pump water down tubing but was unsuccessful, tubing pressured up. Unset packer and TOOH. L/D packer. P/U overshot with collar grapple.

TIH and latch onto fish at 1667'. Worked stuck tubing. TOOH with 846' of tubing. TIH and screwed back into fish. Worked stuck string. Shut in and secured well for the day.

9/14/23

Arrived on location and held safety meeting. Checked well pressures. Tubing: 0 psi, Casing: 0 psi Bradenhead: 0 psi. Worked stuck tubing. Tubing came loose. TOOH with work string, overshot and remaining tubing. TIH to 2227'. R/U cementers. Attempted to circulate hole. Tubing pressured up after 4 bbls. R/D cementers. L/D 2 joints. R/U cementers. Successfully circulated the hole with 22 bbls. Water started to come out of hole under the BH. Pumped 50 bbls total. R/D cementers. P/U 2 joints. R/U cementing services. Circulated hole with 30 bbls. R/D cementers. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 2220'. R/U cementing services. Pumped plug #1 from 2220' to 1901'. R/D cementers. L/D 10 joints and TOOH. Shut in and secured well.

9/15/23

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 1892'. R/U cementing services. Pumped weighted spacer from 1892' to 1622'. R/D cementers. L/D 7 joints. R/U cementers. Pumped plug #2 from 1622' to approximately 1297'. R/D cementers. L/D 10 joints and TOOH. WOC 4 hours. TIH and tagged TOC at 1294'. R/U cementers. Pumped mud gel spacer from 1294' to 332'. R/D cementers. L/D 31 joints and TOOH. Installed 4.5" packer. TIH and set packer at 282'. Attempted to pressure test below packer but was unsuccessful, fluid began coming out from below BH. Attempted pressure testing casing above packer but was unsuccessful. Unset packer. L/D 2 joints. Set packer at 219'. Successfully pressure tested casing above packer to 500 psi. Unset packer. L/D tubing. R/U cementing services. Pumped cement down 4.5" casing into holes below 219' and out BH at surface. R/D cementers. R/D floor. ND BOP. NU WH. R/D rig and equipment. Prepare to MOL.

9/20/23

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 30' inside and tagged at surface outside. R/U cementing services. Topped off casing in 4.5" casing. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (Seven Rivers Formation Top, 2,200 – 1,892', 25 Sacks Type I/II Cement)

TIH to 2220 ft. R/U cementing services. Pumped plug #1 from 2220' to 1901'. WOC. TIH and tagged plug #1 at 1892'.

Plug #2: (Salt Formation Top 1,622' - 1,294', 25 Sacks Type I/II Cement)

R/U cementers. Pumped plug #2 from 1622' to approximately 1297'. R/D cementers. L/D 10 joints and TOOH. WOC 4 hours. TIH and tagged TOC at 1294'.

Plug #3: (Surface Casing Shoe, 350' to Surface', 69 Sacks Type I/II Cement (0 sx for top off))

P/U 4.5" packer. TIH and set packer at 282'. Attempted to pressure test below packer but was unsuccessful, fluid began coming out from below BH. Attempted pressure testing casing above packer but was unsuccessful. Unset packer. L/D 2 joints. Set packer at 219'. Successfully pressure tested casing above packer to 500 psi. Unset packer. L/D tubing. R/U cementing services. Pumped cement down 4.5" casing into holes below 219' and out BH at surface. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 30' inside and tagged at surface outside. R/U cementing services. Topped off casing. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Cano Petro Of New Mexico
Cato San Andres #119
API: 30-005-20103
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 282 ft OH: 12.25"

Plug 3

350 feet - Surface 350 foot plug 327 Sacks of Type I/II Cement

Plug 2

1622 feet - 1294 feet 328 foot plug 25 Sacks of Type I/II Cement

Plug 1

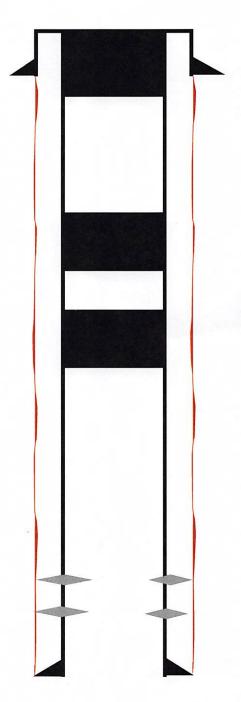
2220 feet - 1892 feet 328 foot plug 21 sacks of Type I/II Cement

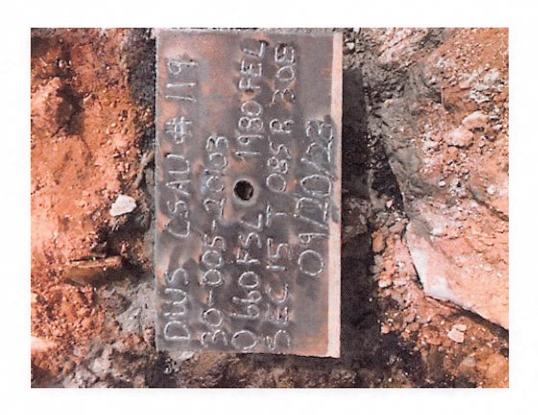
Formation

Salt - 1572' Seven Rivers - 2212' Grayburg - 2730' San Andres - 3000'

Perforations 3212 feet - 3561 feet

Production Casing 4.5" 9.5# @ 3650 feet OH: 7.875"











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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 278704

CONDITIONS

Operator:	OGRID:
J.A. Drake Well Service Inc.	330485
607 W Pinon	Action Number:
Farmington, NM 87401 278704	
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

Cre	ated By	Condition	Condition Date
jaç	jarcia	None	10/25/2023