

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

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. 30-041-20445
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 of New Mexico, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102		7. Lease Name or Unit Agreement Name State
4. Well Location Unit Letter <u>E</u> 1980 feet from the <u>N</u> line and 660 feet from the <u>W</u> line Section <u>32</u> Township <u>07S</u> Range <u>32E</u> NMPM County <u>Lea</u>		8. Well Number #001
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4473		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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐

OTHER: ☐

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 attached documents.

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 8/22/24

Type or print name: Ethan Wakefield E-mail address: e.wakefield@dwsrigns.com

PHONE: 405-343-7736

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Cano Petro Inc./NMOCD OWP

Plug And Abandonment End Of Well Report

State #001

1980' FNL & 660' FWL, Section 32, T7S, R32E

Lea County, NM / API 30-041-20445

Work Summary:

- 4/26/21** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 4/27/21** MOL and R/U P&A rig. Checked well pressures: Tubing: 80 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Prepped location with backhoe. Pulled tubing and slips and found 1 joint of 2-3/8" tubing in wellbore. Wellhead was corroded and had holes in it that needed to be fixed before operations could begin. Called welder to fix wellhead. Welder will be on location 4/28/21 to fix wellhead. TIH with 6 joints of tubing and landed well in slips. Dug-out Bradenhead and checked pressure. Changed out valves. Shut-in well for the day. Prepped next location with backhoe.
- 4/28/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TOOH with 6 joints of tubing. Conducted atmospheric monitoring for gas before welder started wellhead repair. Cut-off wellhead from 4 1/2" casing. Welded on 4 1/2" collar. R/U wellhead and companion flange. N/U BOP and function tested. P/U casing scraper. TIH to 1,236' where a tag point was encountered. Attempted to work casing scraper further down wellbore but couldn't get past 1,240'. TOOH and L/D casing scraper. Moved drilling equipment to location. Shut-in well for the day.
- 4/29/21** Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 3 3/4" cone bit and bit sub. TIH to 1,240'. R/U power swivel. Loaded casing and established circulation with 2 bbls of fresh water. Attempted to circulate down wellbore past 1,240' but BHA kept torquing up on what seemed like casing. Metal was

observed in returns. R/D power swivel. TOOH and L/D cone bit. P/U mill and bit sub. TIH to 1,240'. R/U power swivel. Loaded casing and established circulation with 1 bbl of fresh water. Milled down to 1,243'. During milling there was nothing but but metal shavings coming back in returns at surface. Circulated wellbore clean. R/D power swivel. TOOH and L/D mill. Shut-in well for the day.

4/30/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U mule shoe sub. TIH to 1,243' where a tag point was encountered. Attempted to work further down wellbore but could not make any further progress. TOOH and L/D mule shoe sub. Inspected mule shoe sub and wear marks indicated that there is a 2-3/8" tubing fish top that has been milled on. Kerry Fortner requested to fish out 2-3/8" tubing. Shut-in well for the day. Fishing operations will begin 5/3/21.

5/3/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 3 3/4" overshot with 2-3/8" grapple. TIH, tagged fish top and latched onto TOF at 1,241'. R/U power swivel. Attempted to work fish free by attempting to turn to both the right and left. Attempted to get back off of fish but torqued up to 2000 psi without coming free. Kerry Fortner approved wireline services to perform a jet cut-off of tubing as deep as possible. R/D power swivel. Wireline services will perform tubing cut-off 5/4/21. Shut-in well for the day.

5/4/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. RIH with CCL tools down to 1,470'. Wireline tools were pumped on and worked in an attempt to get deeper in wellbore but could not get deeper than 1,470'. Kerry Fortner approved jet cutting at 1,470'. RIH with jet cutting tools. Jet cut tubing at 1,263'. Attempted to pull tubing but had to pull over 25,000 lbs to get tubing loose. Attempted to circulate wellbore to free tubing up. While circulating wellbore a hole developed in surface casing. Stopped pumping and worked tubing free. TOOH with fish. R/U wireline services. Ran CBL from TOF at 1,263' to surface. CBL results were sent to NMOCD office for review. Dug-out wellhead with backhoe to find holes in surface casing. Shut-in well for the day.

5/5/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. LEL monitor detected gas reading at surface. Circulated wellbore with 10 bbls of fresh water to circulate out gas from wellbore. R/U welding services. Welder repaired surface casing. Pressured up wellbore to 500 psi and there were no leaks present at surface casing. Kerry Fortner approved setting CR at TOF and pumping 120 sx of cement below fish top. P/U CR, TIH and set at 1,400'. Stung out of CR and circulated wellbore with 1 bbl of fresh

water. Stung back into CR and attempted to establish injection rate below CR but was unsuccessful. Kerry Fortner approved perforating above CR and pump cement to bring TOC to 500' in production casing and annulus. TOOH and L/D setting tool. R/U wireline services. RIH and perforated squeeze holes at 1,395'. P/U 4 ½" packer and 9 joints of tubing. Set packer with an EOT depth of 316'. R/U cementing services. Loaded casing above packer and successfully pressure tested to 800 psi. Successfully established circulation down tubing through packer and back around and out Bradenhead valve at surface with 3 bbls of fresh water. Pumped plug #1 from 1,400'-500' to cover the San Andres perforations and formation top, Yates and Rustler formation tops. Released packer. TOOH and L/D packer. WOC overnight. Shut-in well for the day.

5/6/21 Checked well pressures: Tubing: N/A, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U tagging sub. TIH and tagged plug #1 top at 465'. Spotted 9.5 ppg mud spacer from 465'-150'. TOOH and L/D tubing. R/U wireline services. RIH and perforated squeeze holes at 150'. R/U cementing services. Successfully established circulation down casing through perforations at 150' and back around and out Bradenhead valve at surface with 3 bbls of fresh water. Successfully circulated cement down casing through perforations at 150' and back around and out Bradenhead valve at surface. N/D BOP. Dug-out wellhead for cut-off with backhoe. Performed wellhead cut-off. Cement was at surface in both surface and production casing. Installed P&A marker and plate per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back-filled P&A marker. R/D and MOL.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, Yates and Rustler Formation Tops 1,400'- 465', 228 Sacks Class C Cement)

Kerry Fortner approved setting CR at TOF and pumping 120 sx of cement below fish top. P/U CR, TIH and set at 1,400'. Stung out of CR and circulated wellbore with 1 bbl of fresh water. Stung back into CR and attempted to establish injection rate below CR but was unsuccessful. Kerry Fortner approved perforating above CR and pump cement to bring TOC to 500' in production casing and annulus. TOOH and L/D setting tool. R/U wireline services. RIH and perforated squeeze holes at 1,395'. P/U 4 ½" packer and 9 joints of tubing. Set packer with an EOT depth of 316'. R/U cementing services. Loaded casing above packer and successfully pressure tested to 800 psi. Successfully established circulation down tubing through packer and back around and out Bradenhead valve at surface with 3 bbls of fresh water. Pumped plug #1 from 1,400'-500'

to cover the San Andres perforations and formation top, Yates and Rustler formation tops. Released packer. TOOH and L/D packer. WOC overnight. P/U tagging sub. TIH and tagged plug #1 top at 465'.

Plug #2: (Surface Casing Shoe 150'-Surface, 47 Sacks Class C Cement)

R/U wireline services. RIH and perforated squeeze holes at 150'. R/U cementing services. Successfully established circulation down casing through perforations at 150' and back around and out Bradenhead valve at surface with 3 bbls of fresh water. Successfully circulated cement down casing through perforations at 150' and back around and out Bradenhead valve at surface. N/D BOP. Dug-out wellhead for cut-off with backhoe. Performed wellhead cut-off. Cement was at surface in both surface and production casing. Installed P&A marker and plate per NMOCDC regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back-filled P&A marker. R/D and MOL.

Wellbore Diagram

State #001

API #: 30-041-20445

Chaves County, New Mexico

Plug 2

150 feet - Surface

150 feet plug

47 sacks of Class C Cement

Plug 1

1400 feet - 465 feet

935 feet plug

228 sacks of Class C Cement

Surface Casing

8.625" 23# @ 1827 ft

Formation

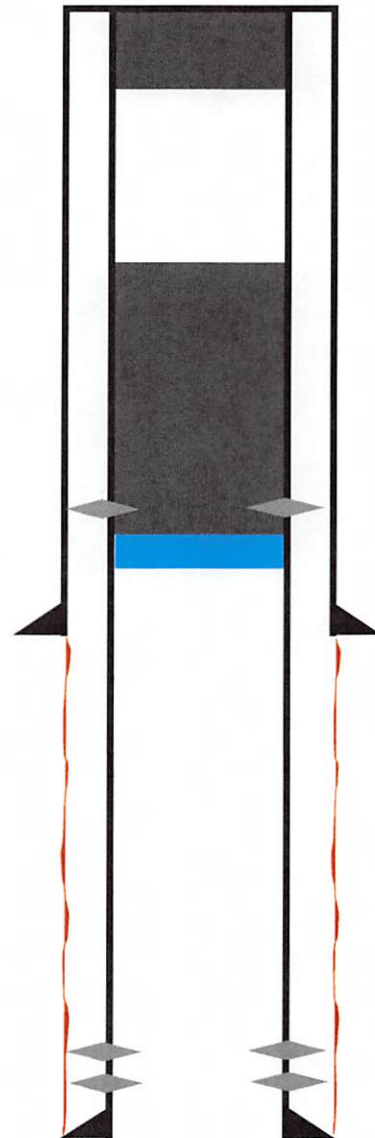
Rustler - 1072 ft

Yates - 1545 ft

Retainer @ 1400 ft

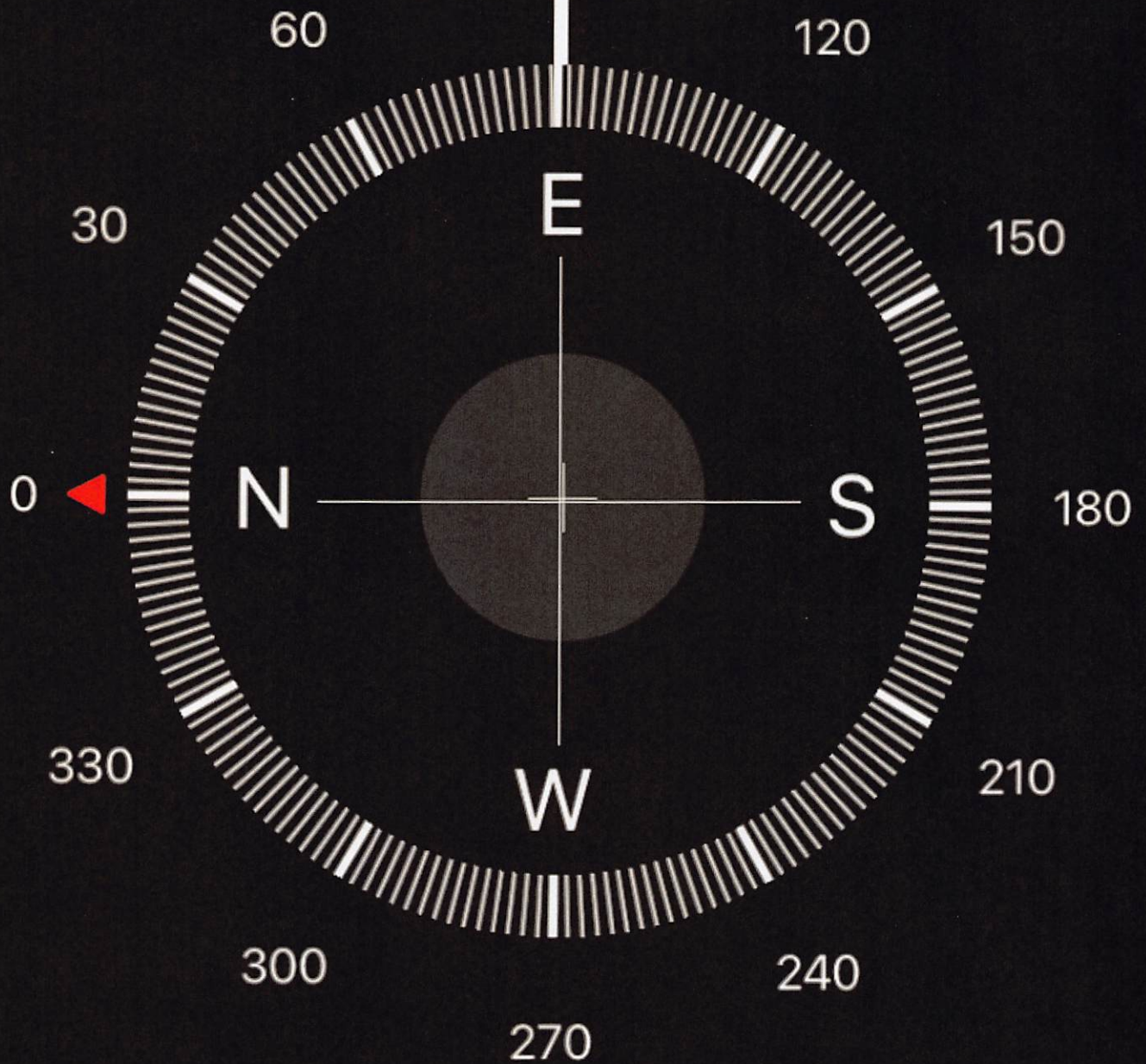
Production Casing

4.5" 11.6# @ 4404 ft









89° E

33°39'55" N 103°41'56" W

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 401361

CONDITIONS

Operator: CANO PETRO OF NEW MEXICO, INC. 801 Cherry Street Fort Worth, TX 76102	OGRID: 248802
	Action Number: 401361
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	11/13/2024