

Submit One Copy To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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 November 3, 2011

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: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		WELL API NO. 30-005-60565
2. Name of Operator Canyon E&P Company		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 251 O'Connor Ridge Blvd, Irving, TX 75038		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>O</u> : 330 feet from the <u>S</u> line and 2310 feet from the <u>E</u> line Section <u>19</u> Township <u>08S</u> Range <u>29E</u> NMPM _____ County <u>Chaves</u>		7. Lease Name or Unit Agreement Name O'Brien Fee 19
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		8. Well Number 002
9. OGRID Number 269864		10. Pool name or Wildcat Twin Lake; 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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

☒ Location is ready for OCD inspection after P&A

- ☒ All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan.
☒ Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned.
☒ A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the

OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. All INFORMATION HAS BEEN WELDED OR PERMANENTLY STAMPED ON THE MARKER'S SURFACE.

- ☐ The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
☐ Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
☐ If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
☐ All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
☐ All other environmental concerns have been addressed as per OCD rules.
☐ Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.
☐ If this is a one-well lease or last remaining well on lease: all electrical service poles and lines have been removed from lease and well location, except for utility's distribution infrastructure.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE Ethan Wakefield TITLE Authorized RepresentativeDATE 2/27/22TYPE OR PRINT NAME Ethan WakefieldE-MAIL: e.wakefield@dwsrigs.comPHONE (405) 343-7736

For State Use Only

Released by Imaging: 4/27/2023 9:20:39 AM

TITLE Petroleum SpecialistDATE 4/18/23

Canyon E&P Company

Plug And Abandonment End Of Well Report

O'Brien Fee 19 #002

330' FSL & 2310' FEL, Section 19, 08S, 29E

Chaves County, NM / API 30-005-60565

Work Summary:

- 1/23/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 1/24/23** Arrived on location and held safety meeting. Prepared location using backhoe. Removed horses head. R/U P&A rig. Checked well pressures Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Worked stuck rod string. L/D polished rod, 105 – 0.75" stick rods, and rod pump. N/D wellhead. N/U BOP and function tested. R/U floor. Pull out 1' of 2.375" tubing, tubing was completely corroded. Prep and tally 2.375" work string. P/U 2.375 work string. TIH and tagged at 120'. TOOH install fishing tool. TIH and attempted to latch onto fish with no success. TOOH. Tool was full of junk. Removed fishing tool. TIH open ended to 120'. Secured and shut in well for the day.
- 1/25/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Continued to clean out casing open ended from 120' to 140'. Tagged hard at 140', cleaned and TOOH. P/U fishing tools. TIH and tagged at 120'. Worked tools. TOOH. Was unable to latch onto fish. P/U 5.5" casing scraper. TIH and tagged at 120'. Attempted to work tool but did not make progress. TOOH. P/U 5.5" mill. TIH and attempted to mill through with no success. TOOH. R/D floor, ND BOP, NU WH. R/D unit and equipment. Secured and shut in well for the day.
- 2/5/23** Arrived on location and held safety meeting. Prepared location using backhoe. R/U P&A rig. N/D wellhead. N/U BOP and function tested. R/U floor. P/U mill. TIH and began milling. Milled from 25' to 35'. Secured and shut in well.

- 2/7/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U power swivel. P/U mill. TIH and tagged casing at 32'. Milled to 38'. TOOH. Waiting on fishing tools. Performed rig maintenance. Shut in and secured well for the day.
- 2/8/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U fishing tools. TIH and attempted to fish tubing but was unsuccessful. POOH. R/U power swivel. P/U mill. TIH and milled casing from 37' to 57'. Shut in and secured well for the day.
- 2/9/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U mill. TIH and milled from 50' to 57'. Got pieces of broken casing out of the hole. Worked bad spots at 32', 45', and 52'. Continued to work and dress bad spots. Shut in and secured well for the day.
- 2/14/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with mill and tagged at 55'. R/U power swivel. Milled from 55' to 98'. Worked tight spot. TOOH and changed out mill. TIH and tagged tight spot at 55'. R/U power swivel. Began milling but only made 7' of progress. TOOH mill was worn. Shut in and secured well for the day.
- 2/15/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with mill and tagged at 58'. R/U power swivel. Began milling casing. Worked tight spots. Began to work pipe up and down and began getting stuck pulling up. Continued to work mill. R/D power swivel and TOOH. Changed out mills. TIH and tagged at 58'. Continued working mill and tight spots. R/D power swivel and TOOH. Shut in and secured well for the day.
- 2/16/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with mill and tagged at 55'. R/U power swivel. Began milling casing. Worked tight spots. Casing is in pieces between 55' and 66'. TOOH. R/D power swivel. TIH with notched collar. Tagged at 65' and could not work past. TOOH. Shut in well. Pumped 10 bbls of water to see if well would take it. Well took 10 bbls at 2 bbls/min and 30 psi. No circulation through BH valve. TIH with mill and began milling at 65'. TOOH. Shut in and secured well for the day.

- 2/17/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with mill and tagged at 58'. R/U power swivel. Began to mill casing and worked tight spots. TOOH to remove mill and P/U notched collar. TIH and tagged at 55'. Attempted to work through with no luck. TOOH. Install skirted mill. TIH and tagged at 55'. Worked through tight spots and milled. TOOH. R/D power swivel. Shut in and secured well for the day.
- 2/18/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with watermelon mill and tagged at 58'. R/U power swivel. Began to mill casing and work tight spots. R/D power swivel and TOOH to remove mill. P/U skirted mill. TIH and tagged fish at 128'. R/U power swivel to dress fish approximately 2'. R/D power swivel and TOOH. L/D mill and P/U fishing tools. TIH and tagged fish. Attempted to fish multiple times with different grapples with no luck. Installed skirted mill, TIH, and dressed fish. TOOH. Shut in and secured well for the day.
- 2/19/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with mill to 128'. R/U power swivel and began to mill on fish. R/D power swivel and TOOH. L/D mill and P/U overshot. TIH and worked on fish. Successfully latched onto fish. L/D 83 – 2 3/8" joints, SN, and 4' perforated sub. Prepped and tallied 2 3/8" work string. TIH with 5.5" bit. Tagged at 68' attempted to work through with no luck. TOOH. Removed bit. TIH and tagged at 2603'. R/U cementing services. Circulated hole with 1 bbl, pumped 30 bbls total. Pumped plug #1 from 2568' to approximately 2373'. R/D cementers. L/D 7 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #1 2372'. R/U cementing services. Continued pumping plug #1 from 2372' to 1905'. R/D cementing services. L/D 15 joints and TOOH. Shut in and secured well for the day.
- 2/20/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. TIH and tagged top of plug #1 at 1883'. Pumped mud gel spacer from 1883' to 1570'. L/D 9 joints. R/U cementing services. Pumped plug #2 from 1580' to approximately 1320'. R/D cementing services. L/D 9 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1334'. Pumped mud/gel spacer from 1334' to 938'. L/D 12 joints. R/U cementing services. Pumped plug #3 from 938' to approximately 688'. R/D cementers. L/D 9 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 658'. Pumped mud/gel spacer from 685' to 172'. L/D 15 joints. R/U cementing services.

Attempted to pump down BH valve but was unsuccessful. Pumped plug #4 from 195' to surface. RD cementers. RD floor, ND BOP, NU WH. MOL.

2/23/23 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 14' in 5.5" casing, and 14' in 8.6" casing. R/U cementing services and filled both casing strings to surface with 10 sx. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 2,568'-1,883', 78 Sacks Type I/II Cement)

TIH and tagged at 2603'. R/U cementing services. Circulated hole with 1 bbl, pumped 30 bbls total. Pumped plug #1 from 2568' to approximately 2373'. R/D cementers. L/D 7 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 2372'. R/U cementing services. Continued pumping plug #1 from 2372' to 1905'. R/D cementing services. L/D 15 joints and TOOH. TIH and tagged top of plug #1 at 1883'.

Plug #2: (Queen Formation Top 1,580'-1,334', 29 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #2 from 1580' to approximately 1320'. R/D cementing services. L/D 9 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1334'.

Plug #3: (Yates Formation Top, 938' to 658', 29 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #3 from 938' to approximately 688'. R/D cementers. L/D 9 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 658'.

Plug #4: (Surface Casing Shoe, 195' to Surface', 39 Sacks Type I/II Cement [10 sx for top off])

R/U cementing services. Attempted to pump down BH valve but was unsuccessful. Pumped plug #4 from 195' to surface. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 14' in 5.5" casing, and 14' in 8.6" casing. R/U cementing services and filled both casing strings to surface with 10 sx. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Canyon E&P Company
O'Brien Fee 19 #002
API: 30-005-60565
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 122 ft
OH: 12.5"

Plug 4

195 feet - surface
195 foot plug
39 Sacks of Type III Cement

Plug 3

938 feet - 658 feet
280 foot plug
29 Sacks of Type III Cement

Plug 2

1580 feet - 1334 feet
246 foot plug
29 Sacks of Type III Cement

Plug 1

2568 feet - 1883 feet
685 foot plug
78 sacks of Type III Cement

Perforations

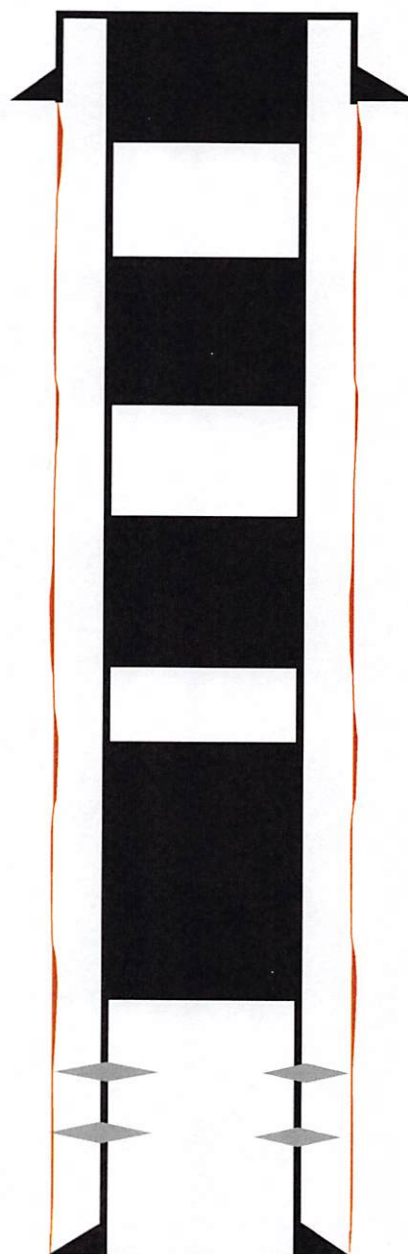
2632 feet - 2680 feet

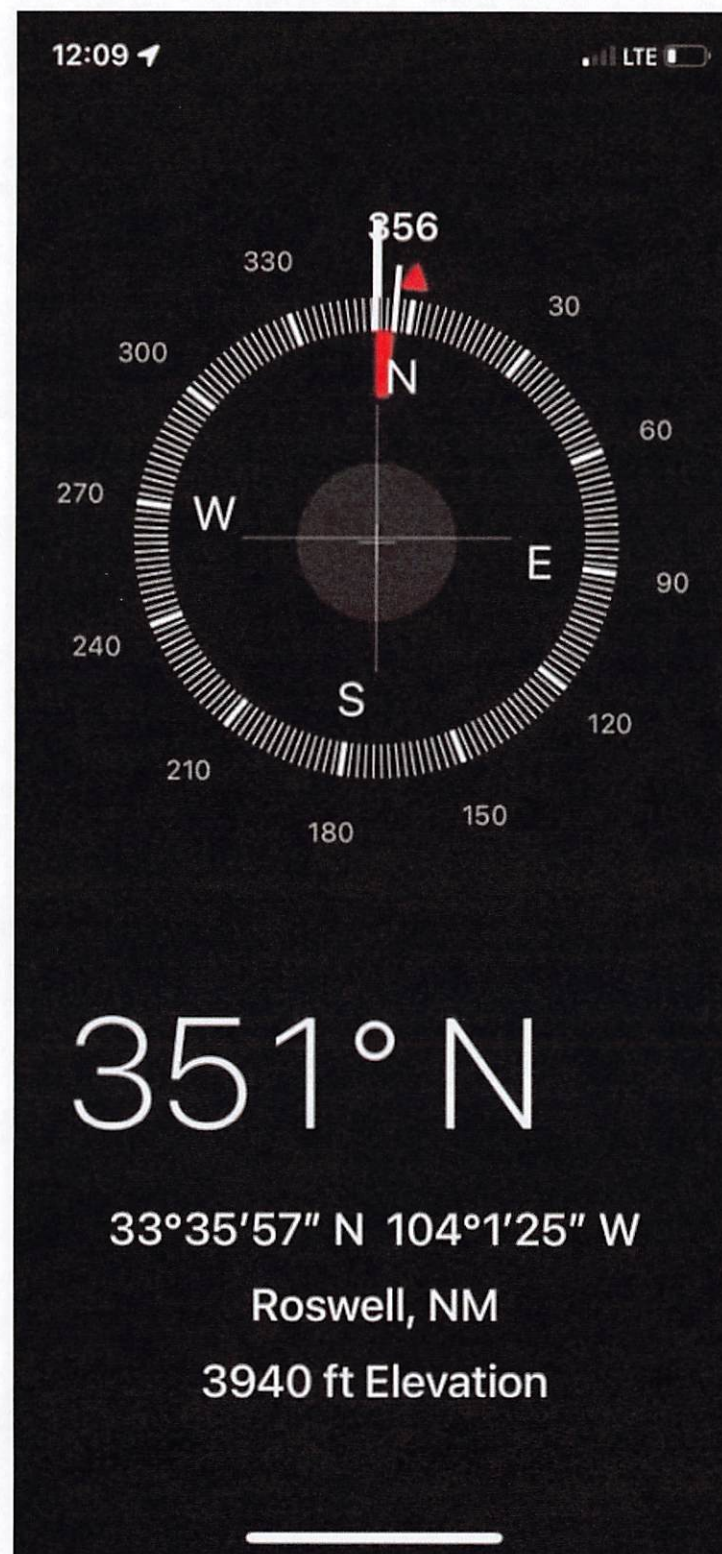
Formation

Yates - 888 feet
Queens - 1520 feet
San Andres - 2005 feet

Production Casing

5.5" 14# @ 2794 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 194902

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 194902
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	4/18/2023