

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.)		WELL API NO. 30-005-60528
1. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Canyon E&P Company		6. State Oil & Gas Lease No.
3. Address of Operator 251 O'Connor Ridge Blvd, Irving, TX 75038		7. Lease Name or Unit Agreement Name O'Brien Fee 19
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>S</u> line and <u>1980</u> feet from the <u>W</u> line Section <u>19</u> Township <u>08S</u> Range <u>29E</u> NMPM _____ County <u>Chaves</u>		8. Well Number <u>001</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		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 ☐

## SUBSEQUENT REPORT OF:

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

OTHER: ☐☒ 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 2/10/22TYPE OR PRINT NAME Ethan WakefieldE-MAIL: e.wakefield@dwsrigns.comPHONE (405) 343-7736

For State Use Only

Released on Imaging: 4/27/2023 9:08:22 AM

TITLE Petroleum SpecialistDATE 4/18/23

## **Canyon E&P Company**

### **Plug And Abandonment End Of Well Report**

#### **O'Brien Fee 19 #001**

660' FSL & 1980' FWL, Section 19, 08S, 29E

Chaves County, NM / API 30-005-60528

#### **Work Summary:**

- 1/24/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 1/25/23** Arrived on location and held safety meeting. Prepared location using backhoe. Transported unit and equipment to location. R/U P&A rig. Remove horses head. Worked rod string. LD 106 - 3/4" stick rods and pump. ND WH, NU BOP, RU floor. Secured and shut in well for the day.
- 1/26/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. L/D 85, 2-3/8" joints, SN, and 4' perforated sub. Prep and tallied 2-3/8" work-string. P/U 5.5" casing scraper. Round trip with scraper to 2587'. TOOH. L/D scraper. P/U 5.5" CR. TIH and set CR at 2580'. Stung out of CR. R/U cementing services. Circulated hole with 4.5 bbls, pumped 60 bbls total. Attempted to pressure test casing but was unsuccessful. Pumped plug #1 from 2580' to approximately 1904' to cover the San Andres perforations and formation top. R/D cementers. L/D 22 joints and TOOH. WOC overnight. Secured and shut in well for the day.
- 1/31/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. TIH to 1905'. Run CBL. R/D wireline services. Pumped mud gel spacer from 1905' to 1567'. Attempted to pressure test casing but was unsuccessful. R/U wireline services. RIH and perforated at 1567'. POOH. TIH with tubing. Establish injection rate of 4 bbls at 350 psi. R/U cementing services. Pumped

plug #2 from 1567' to 1317' with 66 sx, 29 sx outside 36 sx inside casing. TOOH. WOC overnight. Secured and shut in well for the day.

**2/1/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. R/U wireline services. TIH and tagged top of plug #2 at 1134'. POOH to 934' and perforated. POOH. P/U 5.5" packer. TIH and set packer at 584'. Attempted to pressure test casing but was unsuccessful. Established an injection rate of 1.5 bbls at 38 psi. R/U cementing services. Pumped plug #3 from 934' to 684' with 66 sx. TOOH and WOC 4 hours. TIH and tagged top of plug #3 at 684'. TOOH. R/U wireline services. RIH and perforate at 358'. POOH. TIH with tubing. R/U cementing services. Pumped plug #4 from 358' to surface with 145 sx. TOOH and WOC overnight. Secured and shut in well for the day.

**2/6/23** 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 82' in 5.5" casing, and 40' in 8.6" Casing. R/U cementing services and filled both casing strings to surface with 25 sx (10 sx in 5.5", 15 sx in 8.6"). Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 2,580'-1,905', 76 Sacks Type I/II Cement)**

Round trip with scraper to 2587'. TOOH. L/D scraper. P/U 5.5" CR. TIH and set CR at 2580'. Stung out of CR. R/U cementing services. Circulated hole with 4.5 bbls, pumped 60 bbls total. Attempted to pressure test casing but was unsuccessful. Pumped plug #1 from 2580' to approximately 1904' to cover the San Andres perforations and formation top. R/D cementers. L/D 22 joints and TOOH. WOC overnight. R/U wireline services. TIH and tagged at 1905'.

##### **Plug #2: (Queen Formation Top 1,567-1,134', 66 Sacks Type I/II Cement (30 sx outside, 36 inside))**

R/U wireline services. RIH and perforated at 1567'. POOH. TIH with tubing. Establish injection rate of 4 bbls at 350 psi. R/U cementing services. Pumped plug #2 from 1567' to 1317' with 66 sx, 30 sx outside 36 sx inside casing. TOOH. WOC overnight. TIH and tagged top of plug #2 at 1134'.

##### **Plug #3: (Yates Formation Top, 934' to 684', 66 Sacks Type I/II Cement (36 sx outside, 30 inside))**

R/U wireline services. RIH and perforated at 934'. POOH. P/U 5.5" packer. TIH and set packer at 584'. Attempted to pressure test casing but was unsuccessful. Established an injection rate of 1.5 bbls at 38 psi. R/U cementing services. Pumped plug #3 from 934' to 684' with 66 sx. TOOH and WOC 4 hours. TIH and tagged top of plug #3 at 684'.

**Plug #4: (Surface Casing Shoe, 358' to Surface', 170 Sacks Type I/II Cement (100 sx outside, 45 inside) [25 sx for top off])**

R/U wireline services. RIH and perforate at 358'. POOH. TIH with tubing. R/U cementing services. Pumped plug #4 from 358 to surface with 145 sx. TOOH and WOC overnight. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 82' in 5.5" casing, and 40' in 8.6" Casing. R/U cementing services and filled both casing strings to surface with 25 sx (10 sx in 5.5", 15 sx in 8.6"). Welder attached marker per NMOCD regulations.



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## Completed Wellbore Diagram

Canyon E&P Company  
O'Brien Fee 19 #001  
API: 30-005-60528  
Chaves County, New Mexico

### Surface Casing

8.625" 20# @ 308 ft  
OH: 11"

### Formation

Yates - 884 feet  
Queens - 1517 feet  
San Andres - 2004 feet

### Plug 4

358 feet - surface  
358 foot plug  
170 Sacks of Type III Cement

### Plug 3

934 feet - 684 feet  
250 foot plug  
66 Sacks of Type III Cement

### Plug 2

1567 feet - 1134 feet  
433 foot plug  
66 Sacks of Type III Cement

### Plug 1

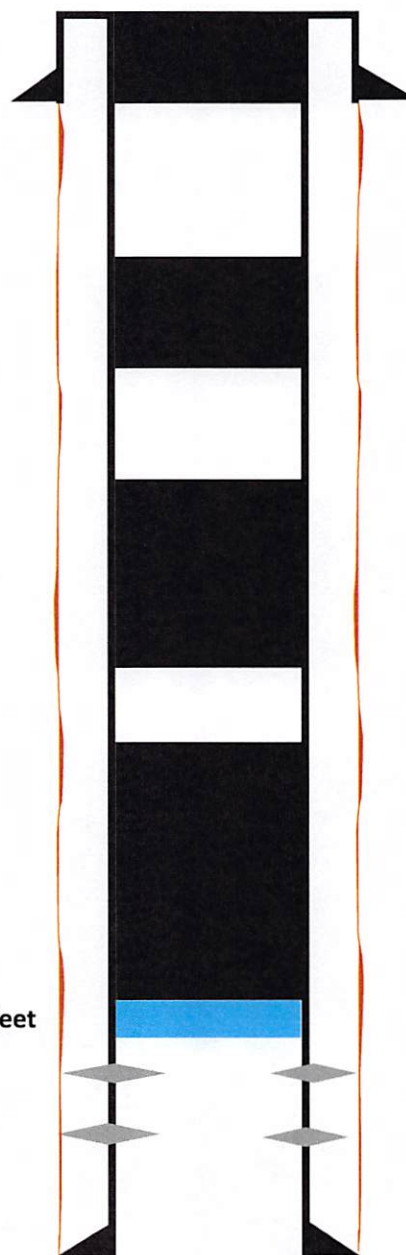
2580 feet - 1905 feet  
675 foot plug  
76 sacks of Type III Cement

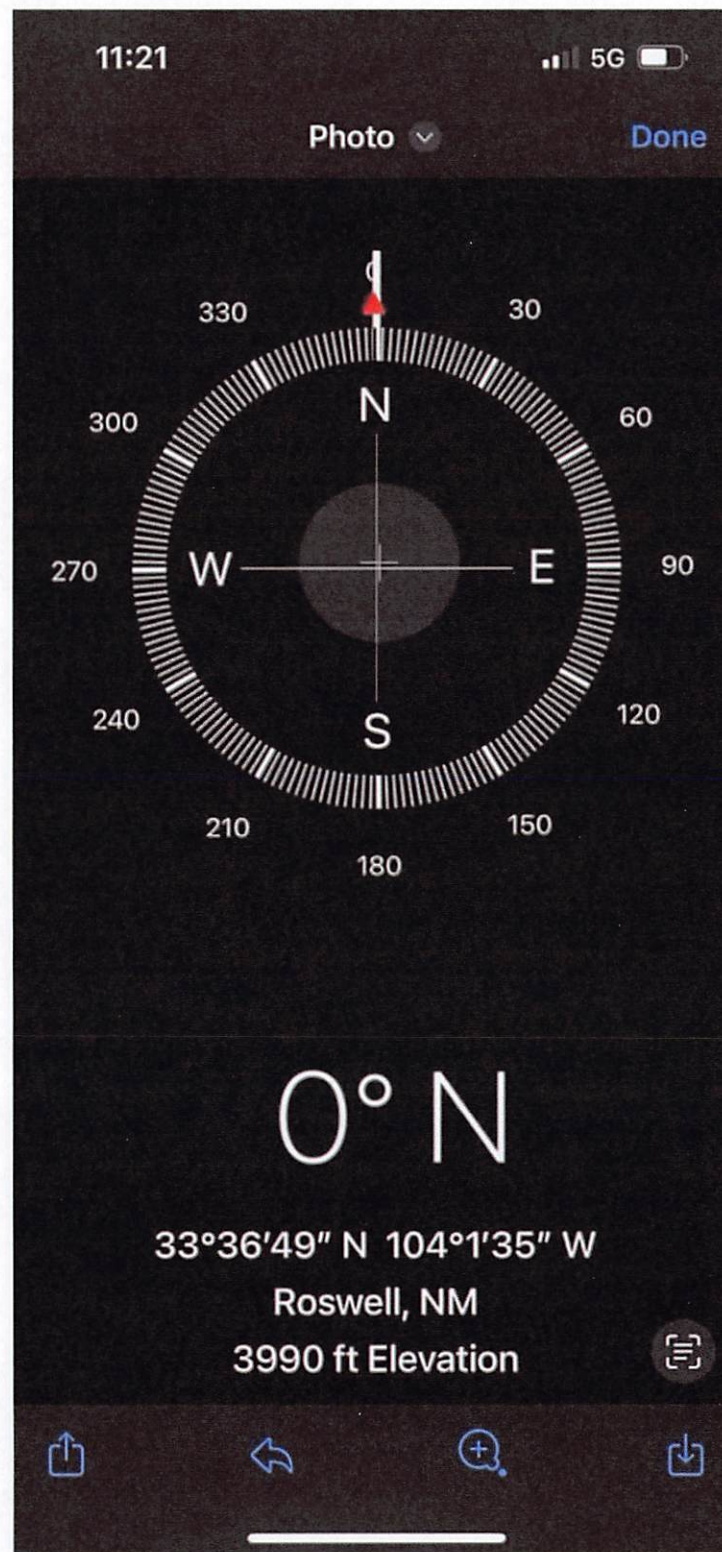
Retainer @ 2580 feet

### Perforations

2629 feet - 2674 feet

Production Casing  
5.5" 14# @ 2796 feet  
OH: 7.875















**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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811 S. First St., Artesia, NM 88210  
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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 189187

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 189187
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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