

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. 30-005-61021								
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>P</u> : 330 feet from the <u>S</u> line and 990 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 008								
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table border="0"> <tr> <td colspan="2"> <b>NOTICE OF INTENTION TO:</b>            PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>            TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>            PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> </td> <td colspan="2"> <b>SUBSEQUENT REPORT OF:</b>            REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>            COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/>            CASING/CEMENT JOB <input type="checkbox"/> </td> </tr> <tr> <td colspan="2">           OTHER: <input type="checkbox"/> </td> <td colspan="2"> <input checked="" type="checkbox"/> Location is ready for OCD inspection after P&amp;A         </td> </tr> </table>		<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>		OTHER: <input type="checkbox"/>		<input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A		9. OGRID Number 269864
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>								
OTHER: <input type="checkbox"/>		<input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A								
10. Pool name or Wildcat Twin Lake; San Andres										

**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 Representative DATE 2/21/22  
 TYPE OR PRINT NAME Ethan Wakefield E-MAIL: e.wakefield@dwsrigs.com PHONE (405) 343-7736  
 For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 4/18/23

## **Canyon E&P Company**

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

#### **O'Brien Fee 19 #008**

330' FSL & 990' FEL, Section 19, 08S, 29E

Chaves County, NM / API 30-005-61021

#### **Work Summary:**

- 2/6/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 2/7/23** Arrived on location and held safety meeting. Prepared location using backhoe. Removed horses head. R/U P&A rig. Checked well pressures (see pressures below). Bled down well. N/U BOP and function tested. ND WH, RU floor. L/D rods (100) and tubing (85). Secured and shut in 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 5.5" casing scraper. TIH to 2696'. L/D 2 joints and began TOOH, 3 joints in the rig experienced problems. Disassembled damaged rig components. Transported damaged components to Hobbs for repair. Secured and shut in 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. Continue TOOH casing scraper. L/D scraper. P/U 5.5" CR. TIH and set CR at 2630'. Circulate hole with fresh water. R/U cementing services. Pump plug #1 from 2630' to 1950'. L/D 23 joints and TOOH. R/U wireline services. RIH to log well. POOH. Secured and shut in 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 and tagged top of plug #1 at 1942'. Attempted to pressure

test casing but was unsuccessful. Pumped mud gel spacer from 1942' to 1615'. R/D cementers. L/D 11 joints and TOOH. R/U wireline services. RIH and perforated at 1615'. POOH. P/U 5.5" packer. TIH and set packer at 1245'. Successfully established injection rate. R/U cementing services. Pumped plug #2 into perforations at 1615' and in 5.5" casing to 1343', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1448'. R/U cementing services. Continued pumping plug #2 from 1448' to approximately 1360'. L/D 4 joints and TOOH. WOC overnight. Secured and shut in 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 and tagged top of plug #2 at 1343'. Attempted to pressure test casing but was unsuccessful. Pumped mud gel spacer from 1343' to 980'. R/D cementers. L/D 10 joints and TOOH. R/U wireline services. RIH and perforated at 980'. POOH. P/U 5.5" packer. TIH and set packer at 607'. Successfully established injection rate. R/U cementing services. Pumped plug #3 into perforations at 980' and in 5.5" casing to 701', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 678'. R/U cementing services. Successfully pressure tested casing to 800 psi. Pumped mud/gel spacer from 678' to 170'. TOOH. R/U wireline service. RIH and perforated at 170'. POOH. R/U cementing services. Successfully circulated water down 5.5" casing, through perforations at 170', and out BH valve at surface. Began pumping plug #4 down 5.5" casing, through perforations at 170', and out BH valve at surface. R/D cementers. R/D floor, ND BOP, and NU WH. RD equipment and MOL.

**2/17/23** 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 7' in 5.5" casing, and 6' in 8.6" Casing. R/U cementing services and filled both casing strings to surface with 10 sx (5 sx in 5.5", 5 sx in 5"). Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 2,630'-1,942', 79 Sacks Type I/II Cement)**

P/U 5.5" CR. TIH and set CR at 2630'. Circulate hole with fresh water. R/U cementing services. Pump plug #1 from 2630' to 1950'. L/D 23 joints and TOOH. R/U wireline services. RIH to log well. TIH and tagged top of plug #1 at 1942'.

**Plug #2: (Queen Formation Top 1,615'-1,343', 76 Sacks (37 sx outside of casing, 39 inside) Type I/II Cement)**

R/U wireline services. RIH and perforated at 1615'. POOH. P/U 5.5" packer. TIH and set packer at 1245'. Successfully established injection rate. R/U cementing services. Pumped plug #2 into perforations at 1615' and in 5.5" casing to 1343', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #2 at 1448'. R/U cementing services. Continued pumping plug #2 from 1448' to approximately 1360'. L/D 4 joints and TOOH. WOC overnight. TIH and tagged top of plug #2 at 1343'.

**Plug #3: (Yates Formation Top, 980' to 678', 66 Sacks (37 sx outside of casing, 39 inside) Type I/II Cement)**

RIH and perforated at 980'. POOH. P/U 5.5" packer. TIH and set packer at 607'. Successfully established injection rate. R/U cementing services. Pumped plug #3 into perforations at 980' and in 5.5" casing to 701', with 29 sx in 5.5" casing and 37 sx outside. TOOH. WOC 4 hours. TIH and tagged top of plug #3 at 678'.

**Plug #4: (Surface Casing Shoe, 170' to Surface', 78 Sacks (48 sx outside of casing, 20 inside) Type I/II Cement [5 sx for top off])**

R/U wireline service. RIH and perforated at 170'. POOH. R/U cementing services. Successfully circulated water down 5.5" casing, through perforations at 170', and out BH valve at surface. Began pumping plug #4 down 5.5" casing, through perforations at 170', and out BH valve at surface. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 7' in 5.5" casing, and 6' in 8.6" Casing. R/U cementing services and filled both casing strings to surface with 10 sx (5 sx in 5.5", 5 sx in 5"). Welder attached marker per NMOCD regulations.



---

## Completed Wellbore Diagram

Canyon E&P Company  
O'Brien Fee 19 #008  
API: 30-005-61021  
Chaves County, New Mexico

### Surface Casing

8.625" 20# @ 120 ft  
OH: 11"

### Plug 4

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

### Plug 3

980 feet - 678 feet  
302 foot plug  
66 Sacks of Type III Cement

### Plug 2

1615 feet - 1343 feet  
272 foot plug  
76 Sacks of Type III Cement

### Plug 1

2630 feet - 1942 feet  
688 foot plug  
79 sacks of Type III Cement

### Formation

Yates - 910 feet  
Queens - 1530 feet  
San Andres - 2008 feet

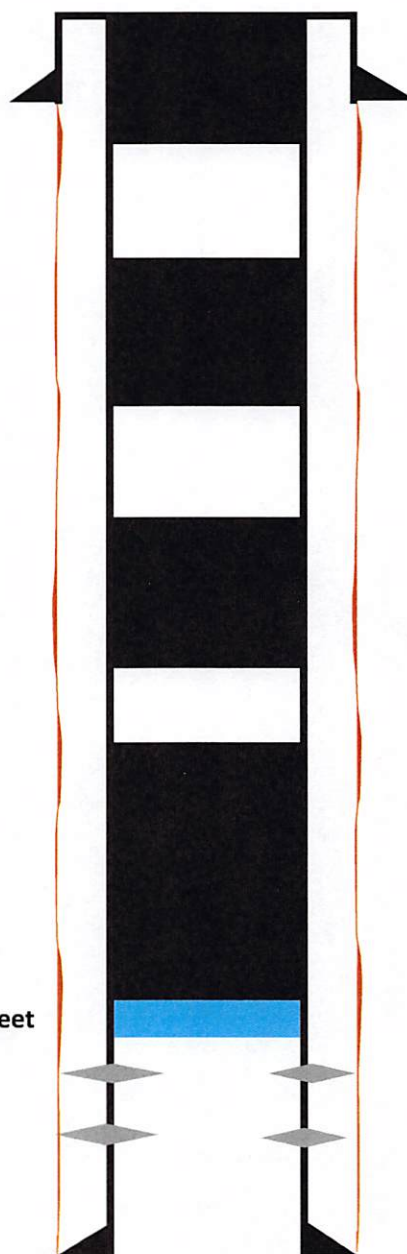
Retainer @ 2630 feet

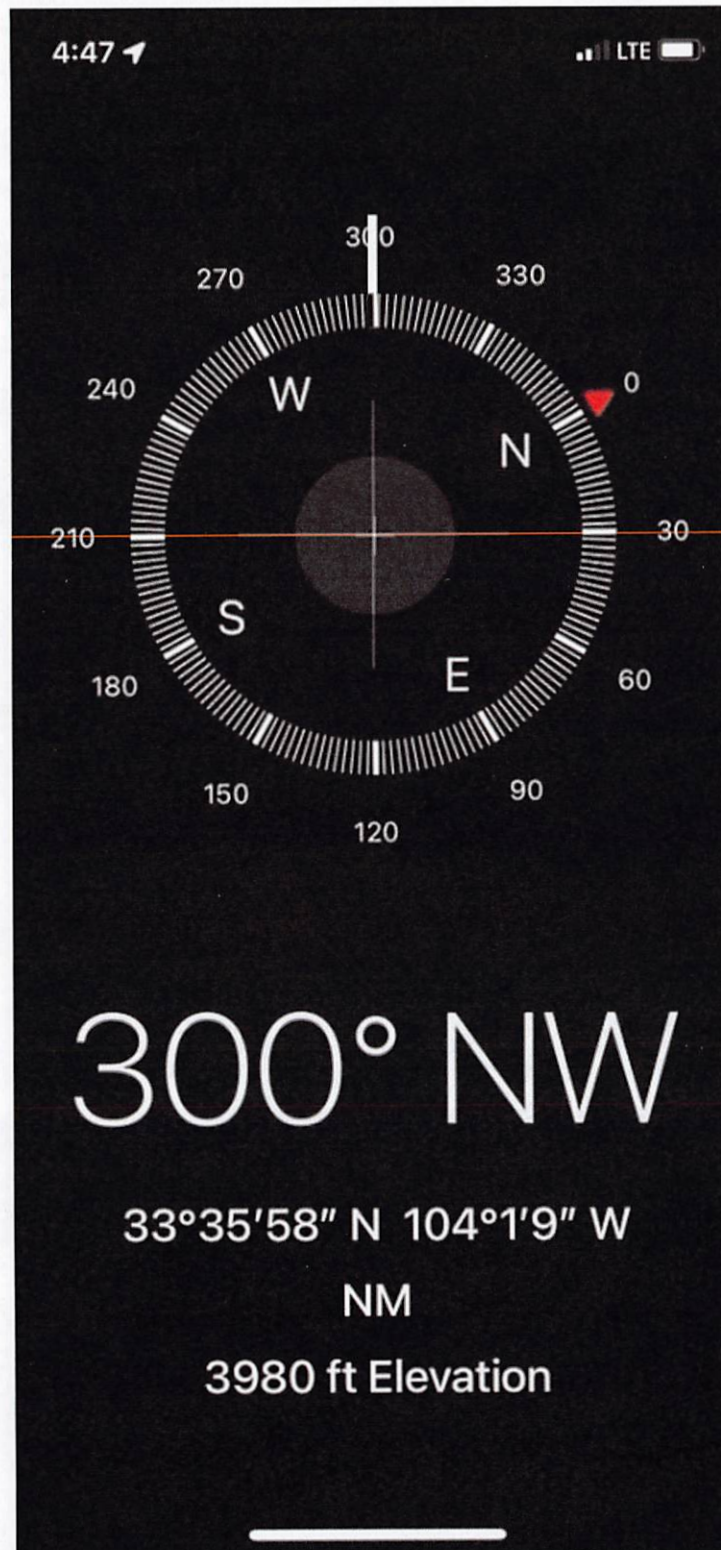
### Perforations

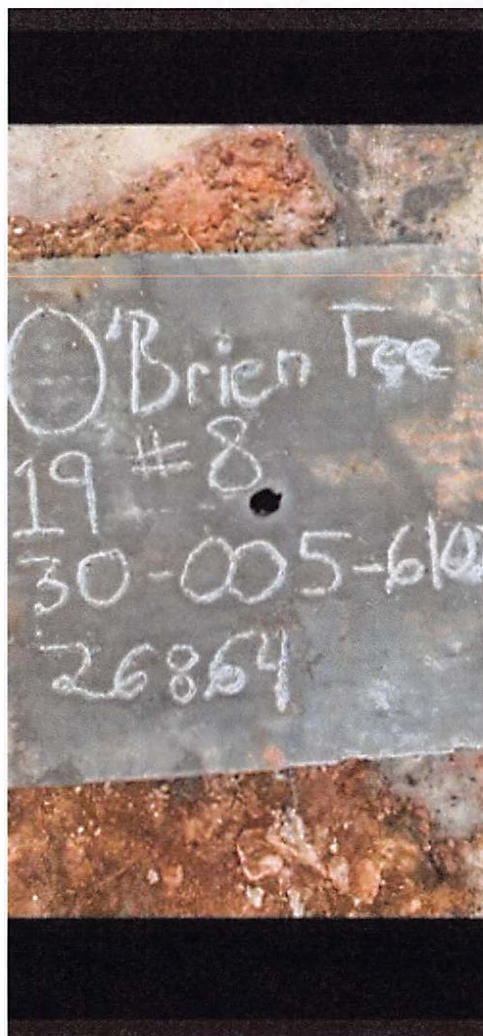
2680 feet - 2724 feet

### Production Casing

5.5" 14# @ 2840 feet  
OH: 7.875











O'Brien Fee  
19 #8  
30-005-61021  
26864



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 194908

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 194908
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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