

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. 30-005-60803																				
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 24																				
4. Well Location Unit Letter <u>I</u> : 2310 feet from the <u>S</u> line and 330 feet from the <u>E</u> line Section <u>24</u> Township <u>08S</u> Range <u>28E</u> NMPM _____ County <u>Chaves</u>		8. Well Number 001																				
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																						
<table border="0"> <tr> <td colspan="2"> <b>NOTICE OF INTENTION TO:</b> </td> <td colspan="2"> <b>SUBSEQUENT REPORT OF:</b> </td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>P AND A <input checked="" type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></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>		<b>SUBSEQUENT REPORT OF:</b>		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input 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	
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<input checked="" type="checkbox"/> All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. <input checked="" type="checkbox"/> Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned. <input checked="" type="checkbox"/> 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 Representative

DATE 3/21/22

TYPE OR PRINT NAME Ethan Wakefield

E-MAIL: [e.wakefield@dwsrigs.com](mailto:e.wakefield@dwsrigs.com)

PHONE (405) 343-7736

For State Use Only

TITLE Petroleum Specialist

DATE 4/18/23

## **Canyon E&P Company**

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

#### **O'Brien Fee 24 #001**

2310' FSL & 330' FEL, Section 24, 08S, 28E

Chaves County, NM / API 30-005-60803

#### **Work Summary:**

- 3/5/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 3/6/23** Arrived on location and held safety meeting. Prepared location and road using backhoe. Moved equipment onto location. R/U P&A rig. Worked stuck rod string. Pulled 116 rods, a 2' pup, a 4' pup, and a polished rod. Secured and shut down well for the day.
- 3/7/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. NU BOP and function tested. Began working tubing string. Pulled 88 joints of 2-7/8" tubing. P/U scraper. TIH to 2614'. TOOH. P/U 5.5" CR. TIH and set at 2610'. Successfully pressure tested casing. TOOH. R/U wireline services. RIH and logged well. POOH. Secured and shut down well for the day.
- 3/8/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with tubing. R/U cementing services. Pumped plug #1 from 2610' to 1924' with 79 sx. Pumped mud/gel spacer from 1924' to 1589'. TOOH. R/U wireline services. RIH and perforated at 1589'. POOH. P/U 5.5" packer. TIH and set packer at 1245'. Attempted to establish injection rate but was unsuccessful. TOOH and L/D packer. TIH with tubing. R/U cementing services. Pumped plug #2 from 1630' to 1193' with 51 sx. L/D joints and reverse circulated. Pumped mud/gel spacer from 1193' to 1020'. TOOH. R/U wireline services. RIH and perforated at 1020'. POOH. P/U packer. TIH and

set packer at 670'. Attempted to establish an injection rate but was unsuccessful. TOOH and L/D packer. TIH to 1083'. R/U cementing services. Pumped plug #3 from 1083' to 620' with 54 sx. TOOH to 607'. Reverse circulate. Pumped mud/get spacer to 175'. Secured and shut down well for the day.

**3/9/23** 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. RIH and perforate at 175'. POOH. Established circulation down casing, through perforations, and out BH valve at surface. R/U cementing services. Pumped plug #4 down 5.5" casing, through perforations at 175' and out BH valve at surface. R/D equipment and MOL.

**3/18/23** 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 6' in 5.5" casing, cement was 30' low in 8.6" casing. R/U cementing services and filled 5.5" casing to surface with 10 sx and 8.6" to surface with 15 sx. Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 2,610'-1,924', 79 Sacks Type I/II Cement)**

P/U 5.5" CR. TIH and set at 2610'. Successfully pressure tested casing. Pumped plug #1 from 2610' to 1924' with 79 sx.

##### **Plug #2: (Queen Formation Top 1,630'-1,193', 51 Sacks Type I/II Cement)**

RIH and perforated at 1589'. POOH. P/U 5.5" packer. TIH and set packer at 1245'. Attempted to establish injection rate but was unsuccessful. TOOH and L/D packer. TIH with tubing. R/U cementing services. Pumped plug #2 from 1630' to 1193' with 51 sx.

##### **Plug #3: (Yates Formation Top, 1,083' to 620', 54 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforated at 1020'. POOH. P/U packer. TIH and set packer at 670'. Attempted to establish an injection rate but was unsuccessful. TOOH and L/D packer. TIH to 1083'. R/U cementing services. Pumped plug #3 from 1083' to 620' with 54 sx.

**Plug #4: (Surface Casing Shoe, 175' to Surface', 106 Sacks (60 sx outside of casing, 21 inside) Type I/II Cement (25 sx for top off))**

R/U wireline services. RIH and perforate at 175'. POOH. Established circulation down casing, through perforations, and out BH valve at surface. R/U cementing services. Pumped plug #4 down 5.5" casing, through perforations at 175' and out BH valve at surface. Performed wellhead cutoff. Tagged cement at 6' in 5.5" casing, cement was 30' low in 8.6". R/U cementing services and filled 5.5" casing to surface with 10 sx and 8.6" to surface with 15 sx. Welder attached marker per NMOCD regulations.

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## Completed Wellbore Diagram

Canyon E&P Company  
O'Brien Fee 24 #001  
API: 30-005-60803  
Chaves County, New Mexico

### Surface Casing

8.625" 20# @ 124 ft  
OH: 11"

### Formation

Yates - 904 feet  
Queen - 1539 feet  
San Andres - 2060 feet

### Plug 4

175 feet - surface  
175 foot plug  
106 Sacks of Type I/II Cement

### Plug 3

1083 feet - 620 feet  
463 foot plug  
54 Sacks of Type III Cement

### Plug 2

1630 feet - 1193 feet  
437 foot plug  
51 Sacks of Type I/II Cement

### Plug 1

2610 feet - 1924 feet  
668 foot plug  
79 sacks of Type I/II Cement

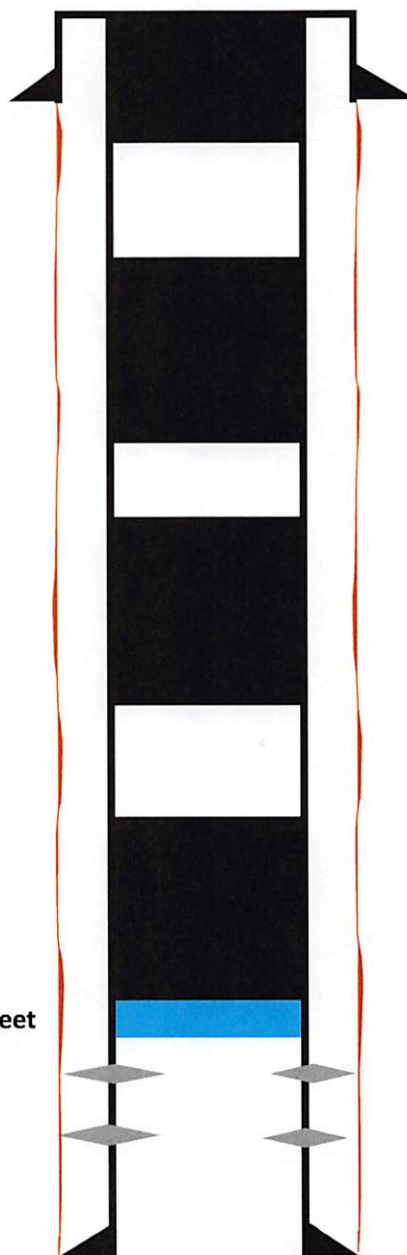
Retainer @ 2610 feet

### Perforations

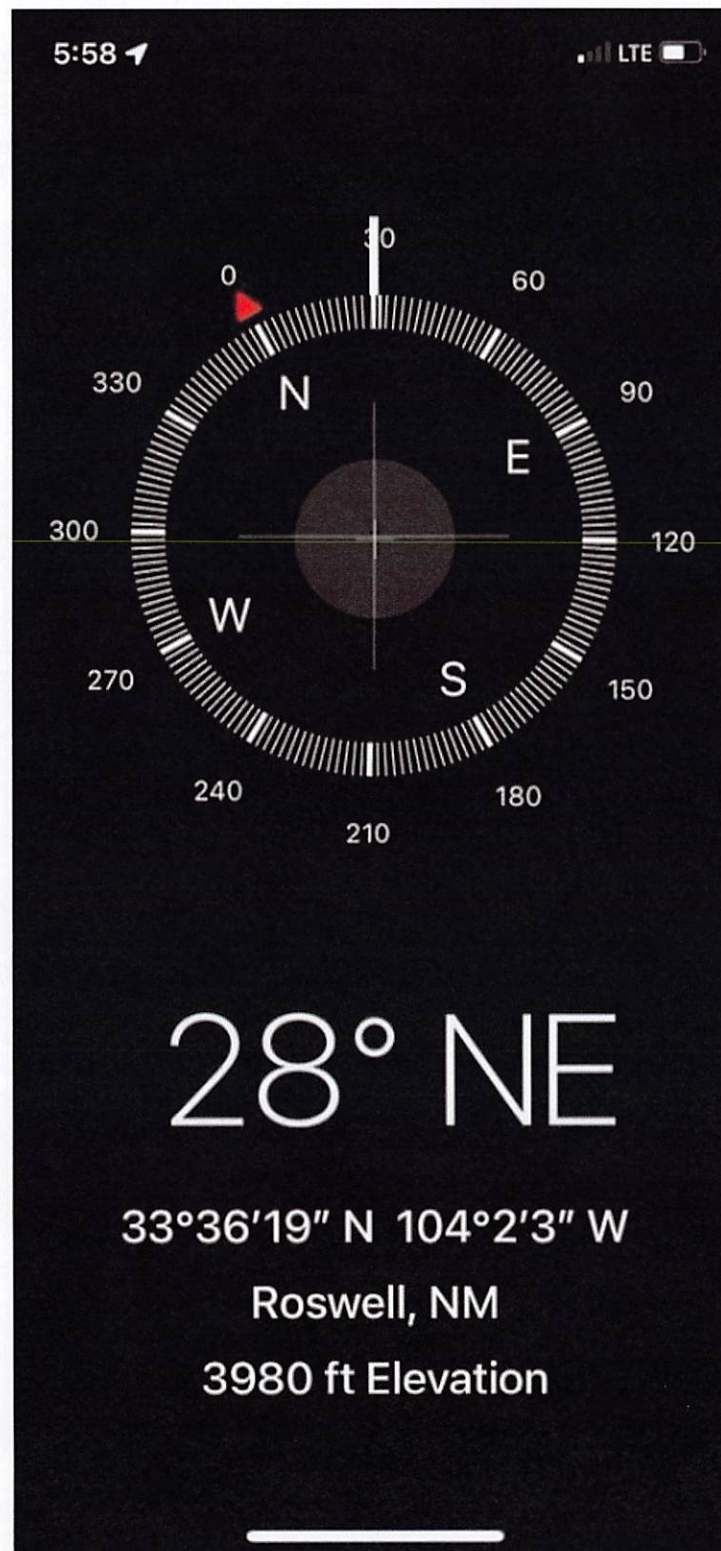
2664 feet - 2680 feet

### Production Casing

5.5" 14# @ 2810 feet  
OH: 7.875



















**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  
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**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
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**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 202929

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 202929
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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