

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-005-60634																				
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 Deming 6																				
4. Well Location Unit Letter <u>M</u> : <u>330</u> feet from the <u>S</u> line and <u>330</u> feet from the <u>W</u> line Section <u>6</u> Township <u>08S</u> Range <u>29E</u> NMPM _____ County <u>Chaves</u>		8. Well Number 001																				
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 269864																				
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data		10. Pool name or Wildcat Bulls eye ; San Andres																				
<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	
<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																				
<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 3/8/22

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 Deming 6 #001**

330' FSL & 330' FWL, Section 6, 08S, 29E

Chaves County, NM / API 30-005-60634

#### **Work Summary:**

- 3/1/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 3/2/23** Arrived on location and held safety meeting. Prepared location using backhoe. Moved equipment onto location. Removed horses head. R/U P&A rig. Worked stuck rod string. Rods parted at 6". N/U BOP and function tested. ND WH, RU floor. Pulled one joint. Latched onto rods. Pulled 102 rods. Began working tubing string. Pulled 83 joints of tubing. Secured and shut down well for the day.
- 3/3/23** 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 2590'. POOH. P/U CR. TIH and set at 2580'. Attempted to pressure test casing but was unsuccessful. TOOH. R/U wireline services. Logged well. R/D wireline services. TIH with tubing. R/U cementing services. Pumped plug #1 from 2580' to 1942' with 81 sx. TOOH and WOC. TIH and tagged to of plug #1 at 1888'. R/U cementing services. Continued pumping plug #1 from 1888' to 1942' with 8 sx. TOOH. WOC overnight. Secured and shut down well for the day.
- 3/4/23** 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 1849'. Pumped mud gel spacer from 1849' to 1570'. TOOH. R/U wireline services. RIH and perforate at 1570'. POOH. P/U packer. TIH and set packer at 1213'. Successfully pressure tested at 1.2 bbls/min at 500 psi. TOOH and

L/D packer. TIH. R/U cementing services. Pumped plug #2 from 1620' to 1320' with 50 sx. Reverse out and pump spacer from 1320' to 950'. TOOH. R/U wireline services. RIH and perforate at 950'. POOH. P/U packer. TIH and set at 697'. Established an injection rate of 2.9 bbls/min at 100 psi. R/U cementing services. Pumped plug #3 from 950' to 815' with 65 sx. TOOH. WOC. Secured and shut down well for the day.

**3/5/23** 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 #3 at 710'. Pumped mud spacer from 710' to 181'. TOOH. R/U wireline services. RIH and perforated at 181'. TOOH. P/U packer. TIH and set at 171'. Test casing above packer, test failed. TOOH and L/D packer. P/U CR, attempted to set but was unsuccessful. R/U cementing services. Pumped cement through perforations and through BH valve at surface. 73 sx in 8.6" casing and 20 sx inside 5.5" casing. Prepare to MOL.

**3/6/23** 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 5' in 5.5" casing, cement was at surface in 8.6". R/U cementing services and filled 5.5" casing to surface with 2 sx. Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 2,580'-1,849', 89 Sacks Type I/II Cement)**

P/U CR. TIH and set at 2580'. Attempted to pressure test casing but was unsuccessful. TOOH. R/U wireline services. Logged well. R/D wireline services. TIH with tubing. R/U cementing services. Pumped plug #1 from 2580' to 1842' with 81 sx. TOOH and WOC. TIH and tagged top of plug #1 at 1888'. R/U cementing services. Continued pumping plug #1 from 1888' to 1842' with 8 sx. TOOH. WOC overnight. TIH and tagged top of plug #1 at 1849'.

##### **Plug #2: (Queen Formation Top 1,620'-1,320', 50 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforate at 1570'. POOH. P/U packer. TIH and set packer at 1213'. Successfully pressure tested at 1.2 bbls/min at 500 psi. TOOH and L/D packer. TIH. R/U cementing services. Pumped plug #2 from 1620' to 1320' with 50 sx.

**Plug #3: (Yates Formation Top, 950' to 710', 65 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforate at 950'. POOH. P/U packer. TIH and set at 697'. Established an injection rate of 2.9 bbls/min at 100 psi. R/U cementing services. Pumped plug #3 from 950' to 815' with 65 sx. TIH and tagged top of plug #3 at 710'.

**Plug #4: (Surface Casing Shoe, 181' to Surface', 95 Sacks (73 sx outside of casing, 20 inside) Type I/II Cement (2 sx for top off))**

R/U wireline services. RIH and perforated at 181'. TOOH. P/U packer. TIH and set at 171'. Test casing above packer, test failed. TOOH and L/D packer. P/U CR, attempted to set but was unsuccessful. R/U cementing services. Pumped cement through perforations and through BH valve at surface. 73 sx in 8.6" casing and 20 sx inside 5.5" casing. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 5' in 5.5" casing, cement was at surface in 8.6". R/U cementing services and filled 5.5" casing to surface with 2 sx. Welder attached marker per NMOCD regulations.



---

## Completed Wellbore Diagram

Canyon E&P Company  
O'Brien Deming 6 #001  
API: 30-005-60634  
Chaves County, New Mexico

### Surface Casing

8.625" 20# @ 131 ft  
OH: 11"

### Plug 4

181 feet - surface  
181 foot plug  
95 Sacks of Type I/II Cement

### Plug 3

950 feet - 710 feet  
240 foot plug  
65 Sacks of Type I/II Cement

### Plug 2

1620 feet - 1320 feet  
488 foot plug  
50 Sacks of Type I/II Cement

### Plug 1

2580 feet - 1849 feet  
731 foot plug  
89 sacks of Type I/II Cement

### Formation

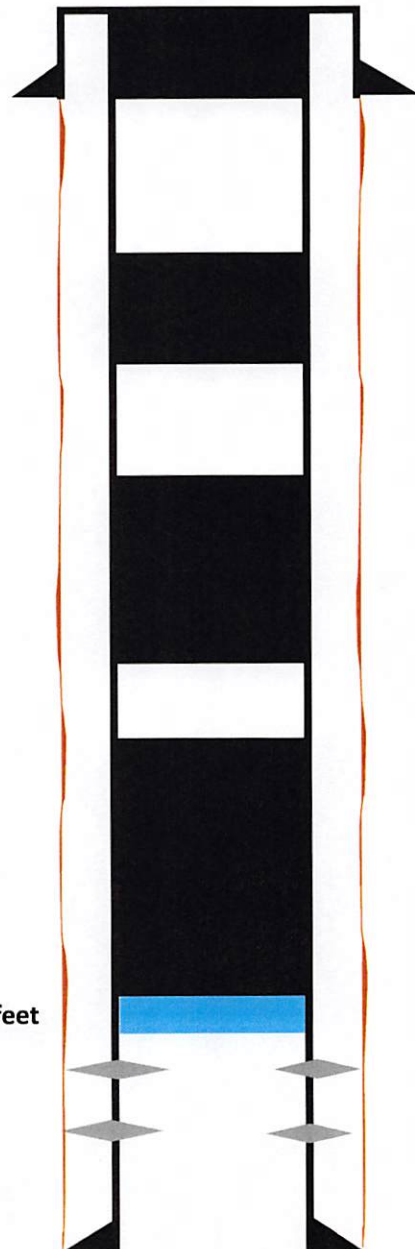
Yates - 900 feet  
Queen - 1520 feet  
San Andres - 1988 feet

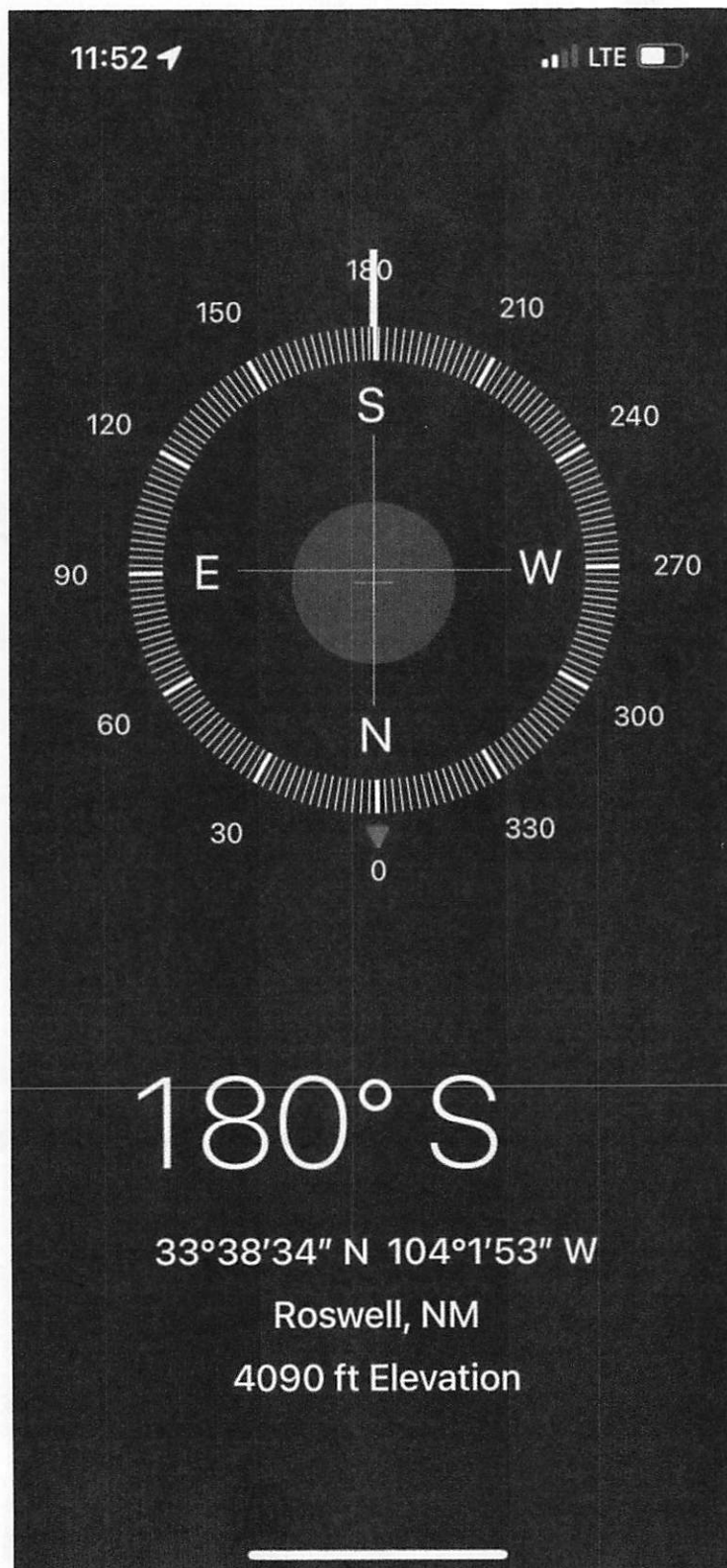
Retainer @ 2580 feet

### Perforations

2632 feet - 2650 feet

Production Casing  
5.5" 17# @ 2748 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  
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 200358

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 200358
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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