

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

Form C-103  
 Revised November 3, 2011

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-005-60922
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name O'Brien Deming 13
8. Well Number 001
9. OGRID Number 269864
10. Pool name or Wildcat Twin lakes; San Andres

**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:  Oil Well  Gas Well  Other

2. Name of Operator  
Canyon E&P Company

3. Address of Operator  
251 O'Connor Ridge Blvd, Irving, TX 75038

4. Well Location  
 Unit Letter P : 330 feet from the S line and 330 feet from the E line  
 Section 13 Township 08S Range 28E NMPM \_\_\_\_\_ County Chaves

11. Elevation (*Show whether DR, RKB, RT, GR, etc.*)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p><b>NOTICE OF INTENTION TO:</b></p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p><b>SUBSEQUENT REPORT OF:</b></p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Location is ready for OCD inspection after P&amp;A</p>
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- 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 Representative DATE 3/9/23

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 13 #001**

330' FSL & 330' FEL, Section 13, 08S, 28E

Chaves County, NM / API 30-005-60922

#### **Work Summary:**

- 2/21/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 2/22/23** Arrived on location and held safety meeting. Prepared location using backhoe. Moved equipment onto location. R/U P&A rig. Removed horses head. Worked stuck rod string. L/D polished rod, 4 – 3/4" stick rods, 104 5/8" stick rods, and rod pump. N/U BOP and function tested. ND WH, RU floor. Worked stuck tubing. L/D 86 – 2 3/8" joints, SN, 4' perforated sub. Prep and tallied work string. P/U 5.5" casing scraper. TIH with scraper to 2666'. L/D 2 joints and shut down due to windy conditions. Secured and shut in well for the day.
- 2/23/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TOOH and removed scraper. P/U 5.5" CR. TIH and set CR at 2636'. R/U Cementers and circulated hole with 22 bbls pumped 75 bbls total. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 1600'. Shut down due to windy conditions. Secured and shut in well for the day.
- 2/28/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH to 2636'. R/U cementing services. Pumped plug #1 from 2638' to 1934' with 81 sx. TOOH. R/U wireline services. RIH and perforated at 1606'. POOH. TIH with tubing and tagged plug #1 at 1943'. Pumped mud/gel spacer from 1943' to 1606'. Established and injection rate of 3 bbls a minute at 300 psi. TOOH to pick up packer. TIH and set packer at 1245'. Successfully pressure tested

casing above packer. R/U cementing services. Pumped plug #2 from 1606' to 1345' with 29 sx inside casing and 37 outside. TOOH. R/U wireline services. RIH and perforate at 962'. POOH. TIH with tubing. Pumped mud/gel spacer from 1365' to 962'. Successfully established an injection rate of 1.9 bbls a minute at 220 psi. R/U cementing services. Pumped plug #3 from 962' to 712' with 29 sx inside and 37 sx outside. Trip to 712'. Pumped mud/gel spacer from 712' to 176'. L/D tubing. R/U wireline services. RIH and perforated at 176'. POOH. Established circulation through perforations and through BH valve at surface. R/U cementing services. Pumped plug #4 down casing, into perforations at 176', and out BH valve at surface. Plug #4 consisted of 21 sx inside and 64 sx outside. Rig down equipment and 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 46' in 8.6" casing. R/U cementing services and filled 8.6" casing strings to surface with 29 sx. Welder attached marker per NMOCD regulations.

#### **Plug Summary:**

##### **Plug #1: (San Andres Perforations and Formation Top, 2,636'-1,943', 81 Sacks Type I/II Cement)**

P/U 5.5" CR. TIH and set CR at 2636'. R/U Cementers and circulated hole with 22 bbls pumped 75 bbls total. TOOH. R/U wireline services. RIH and logged well. POOH. TIH to 2638'. R/U cementing services. Pumped plug #1 from 2638' to 1934' with 81 sx.

##### **Plug #2: (Queen Formation Top 1,606'-1,345', 66 Sacks Type I/II Cement)**

Established and injection rate of 3 bbls a minute at 300 psi. TOOH to pick up packer. TIH and set packer at 1245'. Successfully pressure tested casing above packer. R/U cementing services. Pumped plug #2 from 1606' to 1345' with 29 sx inside casing and 37 outside.

##### **Plug #3: (Yates Formation Top, 962' to 712', 66 Sacks Type I/II Cement)**

R/U wireline services. RIH and perforate at 962'. POOH. TIH with tubing. Pumped mud/gel spacer from 1365' to 962'. Successfully established an injection rate of 1.9 bbls a minute at 220 psi. R/U cementing services. Pumped plug #3 from 962' to 712' with 29 sx inside and 37 sx outside.

**Plug #4: (Surface Casing Shoe, 176' to Surface', 114 Sacks (64 sx outside of casing, 21 inside) Type I/II Cement (29 sx for top off))**

R/U wireline services. RIH and perforated at 176'. POOH. Established circulation through perforations and through BH valve at surface. R/U cementing services. Pumped plug #4 down casing, into perforations at 176', and out BH valve at surface. Plug #4 consisted of 21 sx inside and 64 sx outside. Used backhoe to safely expose wellhead. Set up welding unit on location. Performed wellhead cutoff. Removed old wellhead. Tagged cement at 46' in 8.6" casing. R/U cementing services and filled 8.6" casing strings to surface with 29 sx. Welder attached marker per NMOCDC regulations.

# Completed Wellbore Diagram

Canyon E&P Company  
O'Brien Deming 13 #001  
API: 30-005-60922  
Chaves County, New Mexico

### Surface Casing

8.625" 20# @ 126 ft  
OH: 11"

### Formation

Yates - 912 feet  
Queen - 1556 feet  
San Andres - 2034 feet

### Plug 4

176 feet - surface  
176 foot plug  
114 Sacks of Type III Cement

### Plug 3

962 feet - 712 feet  
250 foot plug  
25 Sacks of Type III Cement

### Plug 2

1606 feet - 1345 feet  
261 foot plug  
66 Sacks of Type III Cement

### Plug 1

2636 feet - 1943 feet  
693 foot plug  
81 sacks of Type III Cement

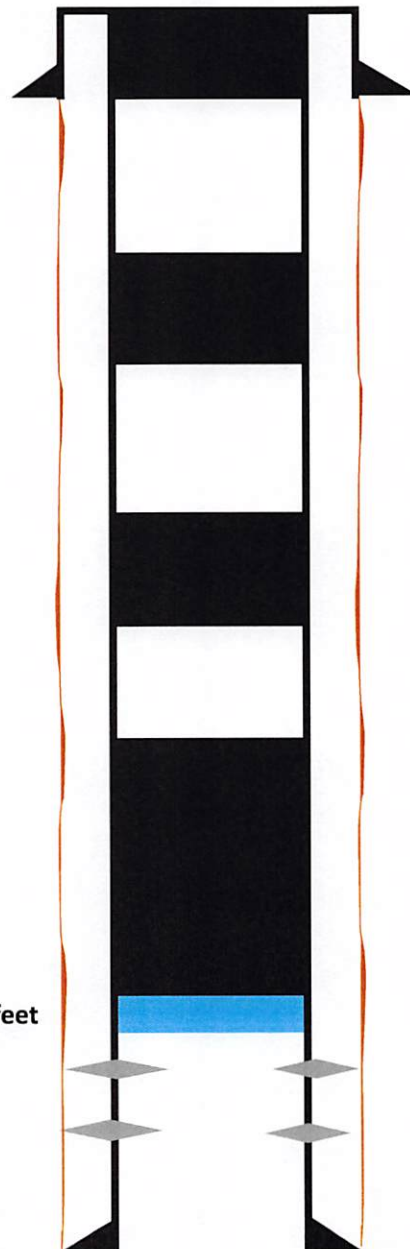
Retainer @ 2636 feet

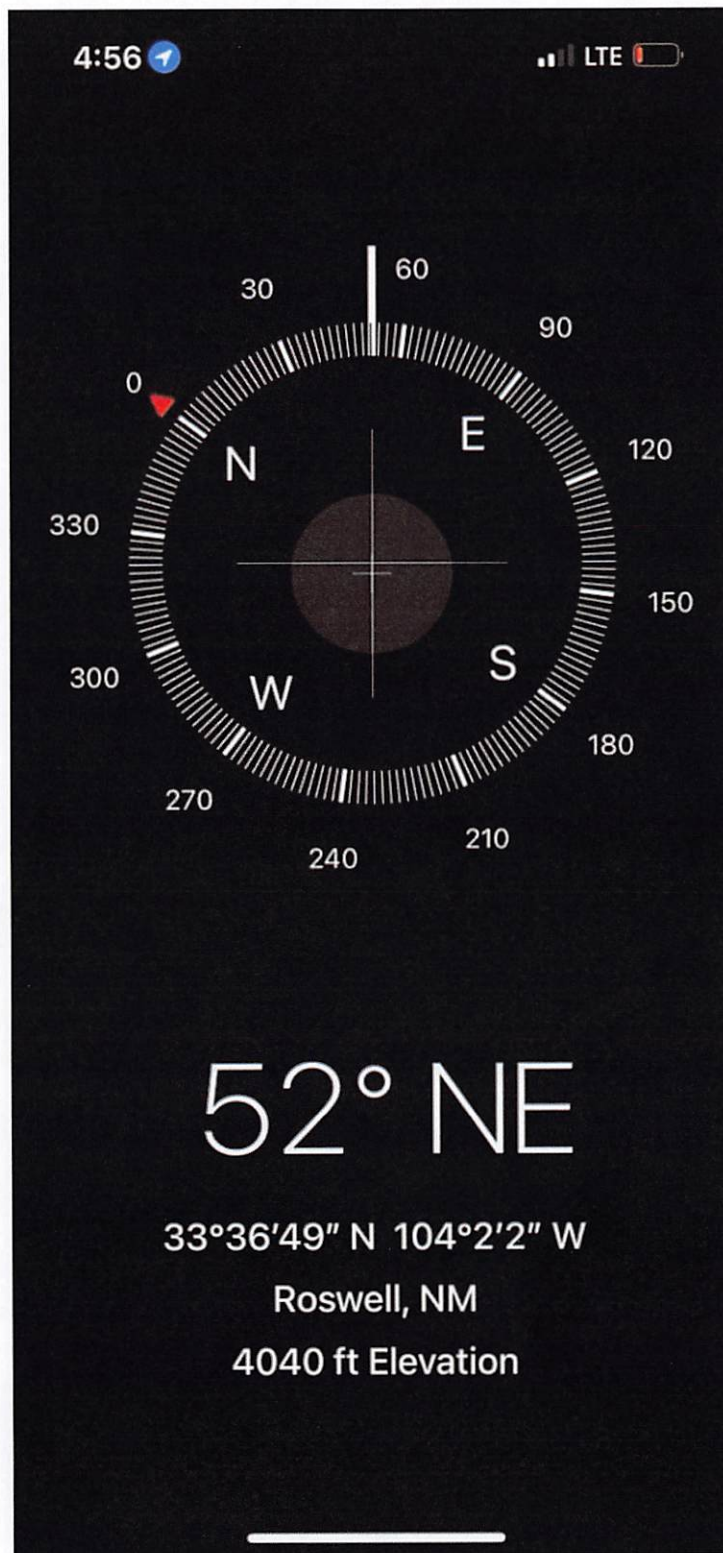
### Perforations

2688 feet - 2708 feet

### Production Casing

5.5" 14# @ 2830 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**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 200360

**CONDITIONS**

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 200360
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

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