

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. 30-005-60815 30-005-60815								
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 Lightcap 7								
4. Well Location Unit Letter <u>K</u> : <u>2310</u> feet from the <u>S</u> line and <u>1650</u> feet from the <u>W</u> line Section <u>7</u> Township <u>08S</u> Range <u>29E</u> NMPM _____ County <u>Chaves</u>		8. Well Number 001 001								
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 Bull's Eye ; San Andres								
<table border="0"> <tr> <td colspan="2"> NOTICE OF INTENTION TO: 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"> SUBSEQUENT REPORT OF: 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&A </td> </tr> </table>			NOTICE OF INTENTION TO: 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"/>		SUBSEQUENT REPORT OF: 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	
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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 3/21/22

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

Released to Imaging: 4/25/2023 4:54:47 PM

Canyon E&P Company

Plug And Abandonment End Of Well Report

O'Brien Lightcap 7 #001

2310' FSL & 330' FWL, Section 7, 08S, 29E

Chaves County, NM / API 30-005-60815

Work Summary:

- 3/13/23** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 3/14/23** Arrived on location and held safety meeting. Prepared location using backhoe. Moved equipment onto location. R/U P&A rig. ND WH, RU floor. Prepped and tallied work string. P/U 5.5" casing scraper. TIH to and tagged at 25'. TOOH and L/D scraper. P/U notched collar. TIH and tagged at 25'. Worked and rotated with no luck. TOOH and removed notched collar. Installed skirted mill. TIH and tagged at 25'. R/U power swivel and pump. Milled 7'. At 32' mill contacted harder material. At 34' mill passed through hard material. Continued to 326' with power swivel. TOOH. R/D power swivel and L/D mill. P/U scraper. TIH and tagged at 25'. TOOH. Secured and shut down well for the day.
- 3/15/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with a notch collar. Ran into tight spot at 1660' and 1678'. Was able to work through to 2731'. L/D 2 joints to 2665'. R/U cementing services. Successfully circulated hole with 65 bbls, pumped 70 total. Pumped plug #1 from 2665' to 2452'. R/D cementers. L/D 6 joints and TOOH. WOC 4 hours. TIH and tagged top of plug #1 at 2454'. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Continued pumping plug #1 from 2454' to 1972'. R/D cementers. L/D 15 joints and TOOH. WOC overnight. Secured and shut down well for the day.

- 3/16/23** Arrived on location and held safety meeting. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. TIH and tagged top of plug #1 at 1946'. Pumped mud get spacer from 1946' to 1650'. L/D 8 joints. R/U cementing services. Pumped plug #2 from 1654' to 1400'. R/D cementers. L/D 8 joints and TOO. WOC 4 hours. TIH and tagged plug #2 at 1390'. Pumped mud/gel spacer from 1390' to 1120'. L/D 7 joints. R/U cementing services. Pumped plug #3 from 1130' to 870'. R/D cementers. L/D 9 joints and TOO. WOC overnight. Secured and shut down well for the day.
- 3/17/23** 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 to of plug #3 at 813'. Pumped mud/gel spacer from 813' to 179'. L/D tubing. Attempted to circulate through BH but was unsuccessful. R/U wireline services. RIH and perforated at 179'. POOH. R/U cementing services. Successfully circulated down 5.5" casing, into perforations, and out BH valve. Circulated with 6 bbls, pumped 10 bbls total. R/U cementing services. Pumped plug #4 down 5.5" casing, into perforations, and out BH valve at surface. R/D cementers. R/D floor, ND BOP, and NU WH. R/D unit and all equipment. 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 at surface in 8.6". R/U cementing services and filled 5.5" casing to surface with 10 sx. Welder attached marker per NMOCD regulations.

Plug Summary:

Plug #1: (San Andres Perforations and Formation Top, 2,665'-1,946', 71 Sacks Type I/II Cement)

R/U cementing services. Successfully circulated hole with 65 bbls, pumped 70 total. Pumped plug #1 from 2665' to 2452'. R/D cementers. L/D 6 joints and TOO. WOC 4 hours. TIH and tagged top of plug #1 at 2454'. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Continued pumping plug #1 from 2454' to 1972'. R/D cementers. L/D 15 joints and TOO. WOC overnight. TIH and tagged top of plug #1 at 1946'.

Plug #2: (Queen Formation Top 1,654'-1,390', 29 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #2 from 1654' to 1400'. R/D cementers. L/D 8 joints and TOO. WOC 4 hours. TIH and tagged plug #2 at 1390'.

Plug #3: (Yates Formation Top, 1,130' to 813', 30 Sacks Type I/II Cement)

R/U cementing services. Pumped plug #3 from 1130' to 870'. R/D cementers. L/D 9 joints and TOOH. WOC overnight. TIH and tagged to of plug #3 at 813'.

Plug #4: (Surface Casing Shoe, 179' to Surface', 83 Sacks (53 sx outside of casing, 20 inside) Type I/II Cement (10 sx for top off))

R/U wireline services. RIH and perforated at 179'. POOH. R/U cementing services. Successfully circulated down 5.5" casing, into perforations, and out BH valve. Circulated with 6 bbls, pumped 10 bbls total. R/U cementing services. Pumped plug #4 down 5.5" casing, into perforations, and out BH valve at surface. Performed wellhead cutoff. Tagged cement at 6' in 5.5" casing, cement was at surface in 8.6". R/U cementing services and filled 5.5" casing to surface with 10 sx. Welder attached marker per NMOCD regulations.

Completed Wellbore Diagram

Canyon E&P Company
O'Brien Lightcap 7 #001
API: 30-005-60815
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 129 ft
OH: 11"

Plug 4

179 feet - surface
179 foot plug
83 Sacks of Type I/II Cement

Plug 3

1130 feet - 813 feet
317 foot plug
30 Sacks of Type I/II Cement

Plug 2

1654 feet - 1390 feet
264 foot plug
29 Sacks of Type I/II Cement

Plug 1

2665 feet - 1946 feet
719 foot plug
71 sacks of Type I/II Cement

Perforations

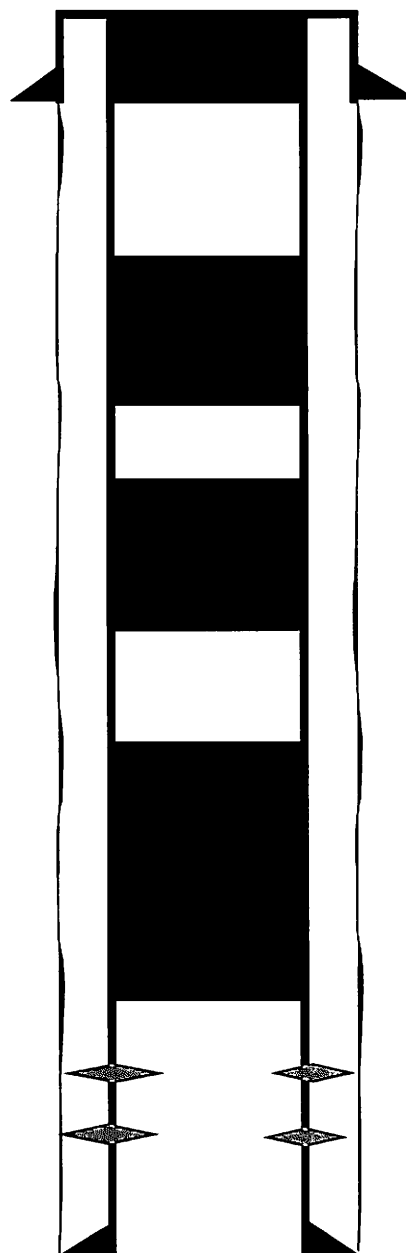
2701 feet - 2745 feet

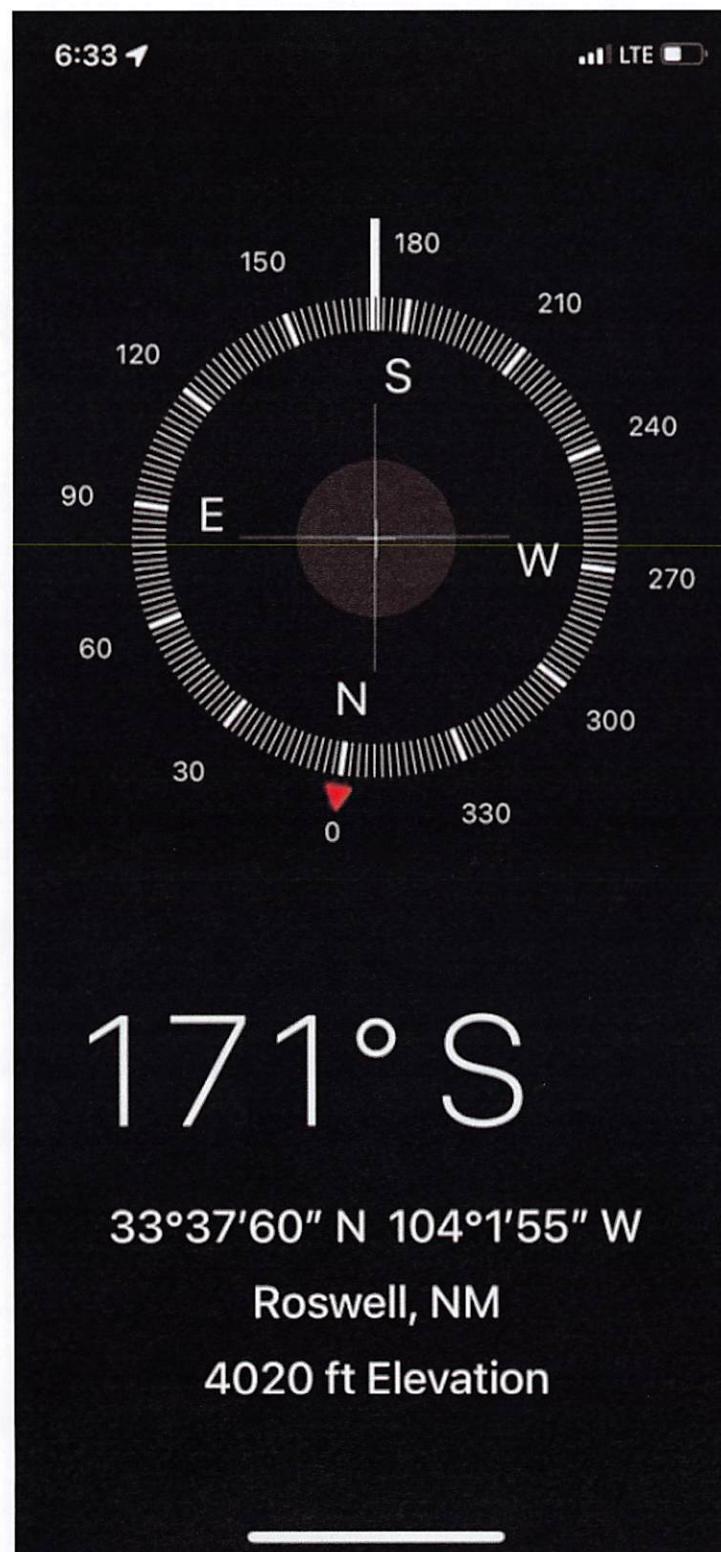
Formation

Yates - 985 feet
7 rivers - 1070 feet
Queens - 1600 feet
San Andres - 2072 feet

Production Casing

5.5" 14# @ 2860 feet
OH: 7.875













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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Santa Fe, NM 87505

CONDITIONS

Action 202936

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 202936
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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