

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. 30-005-60816																				
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>29</u> Township <u>08S</u> Range <u>29E</u> NMPM _____ County <u>Chaves</u>		8. Well Number <u>002</u>																				
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: </td> <td colspan="2"> SUBSEQUENT REPORT OF: </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&A</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		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 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 Lightcap 7 #002

2310' FSL & 1650' FWL, Section 7, 08S, 29E

Chaves County, NM / API 30-005-60816

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 using backhoe. Moved equipment onto location. R/U P&A rig. N/U BOP and function tested. ND WH, RU floor. Tallied work string. P/U 5.5" casing scraper. TIH to 2675'. TOOH. P/U 5.5" CR. TIH. Could not set CR. TOOH and L/D CR. 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. P/U new 5.5" CR. TIH and set a 2665'. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Pumped plug #1 from 2665' to 1990'. TOOH and WOC. R/U wireline services. RIH and logged well. POOH. TIH with tubing. Tagged top of plug #1 at 1970'. Pumped mud/gel spacer from 1970 to 1670. Shutdown. Could not load perf guns due to high winds. Secured and shut in 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. R/U wireline services. RIH and perforate at 1670'. POOH. P/U 5.5" packer. TIH and set packer at 1320'. Attempted to establish an injection rate but was unsuccessful. TOOH and L/D packer. TIH with tubing. R/U cementing services. Pumped plug #2 from 1720' to 1420' with 25 sx. L/D joints. Reverse circulated. Pumped mud/gel spacer to 1120'. TOOH. R/U wireline services. RIH and perforate at

1120'. POOH. P/U 5.5" packer. TIH and set packer at 783'. Attempted to establish an injection rate but was unsuccessful. TOOH and L/D packer. TIH to 1170'. R/U cementing services. Pumped plug #3 from 1170' to 870' with 25 sx. TOOH. Secured and shut in 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". 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, 2,665'-1,970', 81 Sacks Type I/II Cement)

P/U new 5.5" CR. TIH and set a 2665'. Attempted to pressure test casing but was unsuccessful. R/U cementing services. Pumped plug #1 from 2665' to 1990'. TOOH and WOC. TIH with tubing. Tagged top of plug #1 at 1970'.

Plug #2: (Queen Formation Top 1,720'-1,420', 25 Sacks Type I/II Cement)

R/U wireline services. RIH and perforate at 1670'. POOH. P/U 5.5" packer. TIH and set packer at 1320'. Attempted to establish and injection rate but was unsuccessful. TOOH and L/D packer. TIH with tubing. R/U cementing services. Pumped plug #2 from 1720' to 1420' with 25 sx.

Plug #3: (Yates Formation Top, 1,170' to 870', 25 Sacks Type I/II Cement)

R/U wireline services. RIH and perforate at 1120'. POOH. P/U 5.5" packer. TIH and set packer at 783'. Attempted to establish an injection rate but was unsuccessful. TOOH and L/D packer. TIH to 1170'. R/U cementing services. Pumped plug #3 from 1170' to 870' with 25 sx.

Plug #4: (Surface Casing Shoe, 175' to Surface', 118 Sacks (73 sx outside of casing, 20 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.

Completed Wellbore Diagram

Canyon E&P Company
O'Brien Lightcap 7 #002
API: 30-005-60816
Chaves County, New Mexico

Surface Casing

8.625" 20# @ 124 ft
OH: 11"

Plug 4

175 feet - surface
175 foot plug
118 Sacks of Type III Cement

Plug 3

1170 feet - 870 feet
300 foot plug
25 Sacks of Type III Cement

Plug 2

1720 feet - 1420 feet
300 foot plug
25 Sacks of Type III Cement

Plug 1

2665 feet - 1970 feet
305 foot plug
81 sacks of Type III Cement

Formation

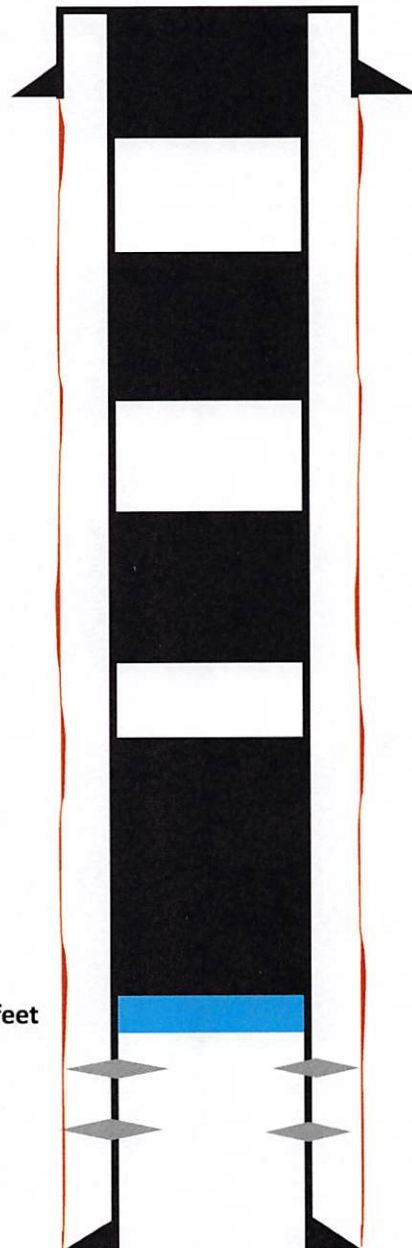
Yates - 1004 feet
Queens - 1620 feet
San Andres - 2090 feet

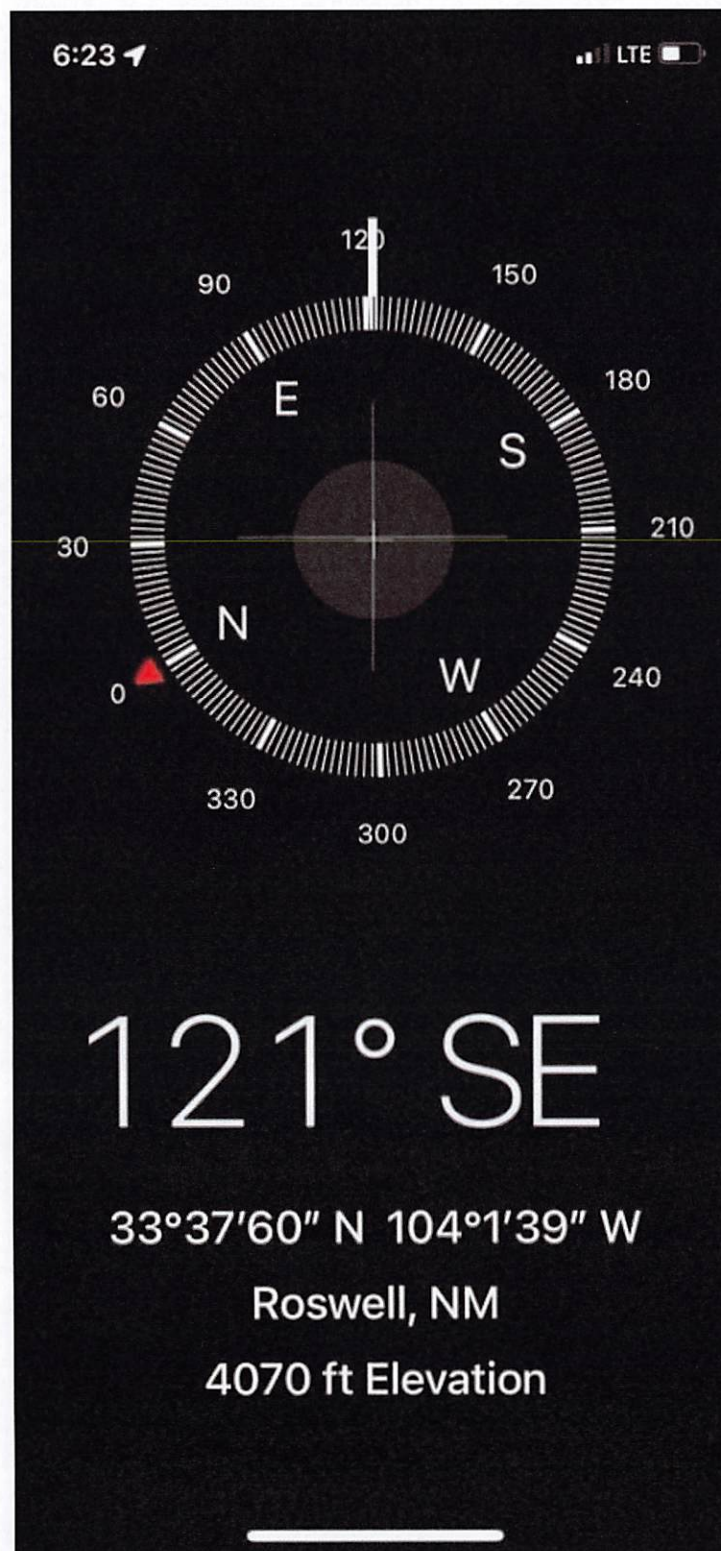
Retainer @ 2665 feet

Perforations

2760 feet - 2719 feet

Production Casing
5.5" 14# @ 3000 feet
OH: 7.875













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1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
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Santa Fe, NM 87505

CONDITIONS

Action 202932

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 202932
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

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