

COPRC Dodo Canyon E-76 Winter 2015-2016 Operations Report

OA-1211-002

ACW-2015-003 WID 2082

Grid # $65^{\circ}10'$, $126^{\circ}45'$

2016/03/30



COPRC Dodo Canyon E-76

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1 SUMMARY OF OPERATIONS

Operations began on January 17, 2016 with the start of completion equipment rig up. From January 23 through January 25, 2016 a slickline unit performed a static gradient on the well and installed a plug in the packer profile at 1797.25mKB MD.

C&J Energy Services Rig #217 moved onto the well on February 1, 2016. The well was circulated to fresh water. Following this, the tubing including control lines, on-off skirt, gauge carriers and bottomhole gauges were pulled from the well.

Two permanent bridge plugs were set at 1790 mKB CE and at 1485 mKB CE. Each bridge plug was pressure tested and capped with cement. The service rig was moved off the well on February 5, 2016.

On February 26, 2016 the well was cut and capped.

Copies of a daily activity summary, the daily reports, a fluid summary and the static gradient are included in Appendices and provide additional detail to the operations conducted.

Bottom hole pressures from the recovered gauges and an analysis of the pressure information will be submitted under separate cover.

2 GENERAL DATA

2.1 WELL NAME

COPRC Dodo Canton E-76

2.2 UNIQUE WELL IDENTIFIER

300E766510126450

2.3 GEOGRAPHIC Co-ORDINATES (NAD 27)

Well Center: 65°05'27.03" 126°59'58.05"

2.4 OPERATOR

ConocoPhillips Canada Resources Corporation

2.5 COMPLETION CONTRACTORS (> \$500,000 PROGRAM SPEND)

Canol Oilfield Services Inc. (Construction, Trucking)

C&J Energy Production Services Canada Ltd. (C&J Service Rig #217)

HRN Contracting Ltd. (Construction)

Schlumberger Canada Ltd. (Cementing, Wireline, Slickline)

Trumpeter Camp Company Partnership Ltd. (Camp)

V D M Trucking Service Ltd. (Long Haul Trucking)

2.6 DIFFICULTIES AND DELAYS

There were no significant drilling issues or delays experienced on this well.

2.7 ELEVATIONS

Ground Level: 268.20 m

Kelly Bushing: 273.40 m

KB – Ground Level: 5.20 m

2.8 WELL DEPTH

Measured Depth: 2909.32 mKB

True Vertical Depth: 1805.4 mKB

2.9 DATES

DH Operations Start: January 23, 2016

DH Operations Complete: February 5, 2016

Service Rig Release: February 5, 2016

Cut & Capped: February 26, 2016

2.10 WELL STATUS

Abandoned, Cut & Capped

2.11 HOLE SIZES AND DEPTHS

Surface Hole: 311 mm to 603 mKB

Intermediate Hole: 222 mm to 1908 mKB (MD)

Main Hole: 156 mm to 2910 mKB (MD)

2.12 CASING RECORD

Conductor: 508.0 mm, 139.89 kg/m, H-40 Welded set at 25.2 mKB

Surface Casing: 244.5 mm, 53.57 kg/m, K-55 LTC set at 603.0 mKB MD

Intermediate Casing: 177.8 mm, 38.69 kg/m, P-110 LTC set at 1908.0 mKB MD

Main Hole: 114.3 mm, 17.26 kg/m P-110 LTC set at 2909.3 mKB MD

3 WELL HISTORY

3.1 Q4-2013 TO Q1-2014 DRILL AND INITIAL COMPLETION

COPRC Dodo Canyon E-76 was spudded on December 28, 2013 and the rig was released on January 21 2014 after reaching a total depth of 2910 m KB with a total of 27 operating days on the well.

Completion operations began on January 29 2014 with the setup of water tanks, a C-ring frac pond and wellsite trailers. Completions equipment began arriving on EL470 on January 27 2014. Rig up was completed by February 2, 2014. Completions operations commenced February 5 2014 when coil tubing was used to clean out the wellbore. Hydraulic fracturing operations began February 9 and were completed by February 17, 2014. A total of 10 stages were hydraulically fractured in the E-76 well, with each frac consisting of about 550 m³ of water and 100 tonnes of sand proppant.

The well was then cleaned out using a coil tubing rig following which a production packer was set at 1798 m KB on wireline. A tubing head was installed on the wellhead in preparation for Flowback operations. Nabors Service Rig #414 was rigged up on the well on February 26. A string of 60.3 mm tubing complete with Weatherford surface readout down hole gauges was run and landed in the packer. Nabors Service Rig was released on March 3 2014 after the well was swabbed and had flowed to testers for 42 hours.

Dodo Canyon E-76 flowed from March 2 to March 20, 2014, a total 421 hours. Down hole pressure gauges were left in the well to monitor pressure build up following flowback. All completions equipment was rigged out by March 28 2014 and the well was left with wellhead installed and valves locked.

3.2 Q2-2015 WELL INSPECTION

A well inspection was conducted on July 15, 2015. Wellhead and fencing were in good order with no signs of tampering. A bubble test was conducted which was negative.



March 30, 2016

Daryl Stepanic
VP Frontiers & Business Development
ConocoPhillips Canada

APPENDICES

- Appendix 1 Legal Survey Plan**
- Appendix 2 Daily Activity and Cost Summary**
- Appendix 3 Daily Reports**
- Appendix 4 Fluid Summary**
- Appendix 5 SCVF Test Summary**
- Appendix 6 Final Wellbore Schematic**
- Appendix 7 Gas Analyses – Jan 22, 2016**
- Appendix 8 Static Gradient – Jan 23, 2016**
- Appendix 9 Cut and Cap Photos**