	Field: BeetalooWell: Kyalla 117 N2-1(Schematic: OE.D 2.4-a1 rev.Date: 24-Feb-2021	Well design pr H) ST2 Reservoir pres 2 Prepared by : Verified by :	essure 10000 psi sure 2760 psi : Daniel Davis : DM / PG
Note: Due to limitations to software, UMV is only depicted as a common barrier element. The LMV and UMV have been pressure tested independently and make up	Well testing		
the primary and secondary barrier elements. Wellbore pressure monitored through	Kyalla 117 N2-1H Shut-in As built		
gauge(s) installed on production tree valve(s)			
L C C C C C C C C C C C C C C C C C C C	Pr	imary barrier eleme	nts
LMV will be open during normal operations for proceure build up monitoring	Element	Qualification	Monitoring
8.5" x 5.5" (production csg) - TOC @ base of the cellar (surface)	Upper/Lower Master Valve	LMV and UMV pressure tested independently to 250 / 4,100 Psi 10 mins each on 23/10/2020 and 23/01/2021.	External observation during regular wellhead inspection, LELs
Anthony Lagoon Fm 70- 191.4 mMD /TVD	Tubing hanger (I)	Pressure tested tubing hanger seals to 250 / 4,100 Psi / 10 mins each on 23/10/2020	A-annulus pressure
Gum Ridge Fm 191.4 - 399.5 mMD/TVD	Production Tubing (I)	Pressure test production tubing to 250 / 3,550 Psi / 20 mins each on 23/10/2020	A-annulus pressure
Antrim Volcanics Hayfield FIT 16.4 lb/gal	Production packer (I)	Pressure test production packer to 250 Psi / 5 mins and 4,100 psi / 20 mins on 14/10/2020	B-annulus pressure
68ppf L80 BTC Shallowest gas 877.1 mMD/TVD	Production casing	Pressure tested production casing and lower completion production packer (tubing plug installed in tailpipe) to 250 Psi / 5 mins and 4,100 psi / 20 mins on 14/10/2020	B-annulus pressure
Upper Kyalla SRR 12.25" x 9.625" (intermediate csg) - TOC @ base of the cellar (surface)	Production casing cement	Cement quality verified by CBL-VDL-MAP log on 26/02/2020. Good/average cement bond verified from upper most perforation (2270 mMD) to production packer (1600.70 mMD)	C-annulus pressure
	Secondary barrier elements		
		Qualification	Monitoring
Top of the 9-5/8" casing	Element	Qualification	Wollitoning
Top of the 9-5/8" casing window 1,191.62mMD/mTVD FIT 15.5 lb/gal. 9 5/8 " 1191.62/1191.62 m MD/TVD 47ppf P110 JFE Bear	Element Upper/Lower Master Valve	LMV and UMV pressure tested independently to 250 / 4,100 Psi 10 mins each on 23/10/2020 and 23/01/2021.	External observation during regular wellhead inspection, LELs
Top of the 9-5/8" casing window 1,191.62mMD/mTVD. FIT 15.5 lb/gal Bottom of the 9-5/8" casing window 1,196.7mMD/mTVD Middle Kyalla _SRR - 2-7/8" 6.5ppf L80 EUE tubing	Element Upper/Lower Master Valve Wellhead annulus access valve (I)	LMV and UMV pressure tested independently to 250 / 4,100 Psi 10 mins each on 23/10/2020 and 23/01/2021. A Annulus access valves tested to 10,000 Psi / 15 mins on 21/02/2020 during drilling operations	External observation during regular wellhead inspection, LELs External observation, regular function test during wellhead inspection, LELs
Top of the 9-5/8" casing window 1,191.62m/MD/mTVD FIT 15.5 lb/gal Bottom of the 9-5/8" casing window 1,196.7m/MD/mTVD Middle Kyalla SRR Kyalla Sst T	Element Upper/Lower Master Valve Wellhead annulus access valve (I) Production casing hanger (E)	LMV and UMV pressure tested independently to 250 / 4,100 Psi 10 mins each on 23/10/2020 and 23/01/2021.A Annulus access valves tested to 10,000 Psi / 15 mins on 21/02/2020 during drilling operationsBetween 5-1/2" pack off seals pressure tested to 10,060 Psi / 15 mins on 20/02/2020	External observation during regular wellhead inspection, LELs External observation, regular function test during wellhead inspection, LELs C-annulus pressure
Top of the 9-5/8" casing window 1,191.62mMD/mTVD. FIT 15.5 lb/gal Bottom of the 9-5/8" casing window 1,196.7mMD/mTVD Middle Kyalla SRR Kyalla Sst Lower Kyalla SRR Upper most perforation 2230/1778 m MD/TVD	Element Upper/Lower Master Valve Wellhead annulus access valve (I) Production casing hanger (E) Production casing	QualificationLMV and UMV pressuretested independently to 250 /4,100 Psi 10 mins each on23/10/2020 and 23/01/2021.A Annulus access valvestested to 10,000 Psi / 15 minson 21/02/2020 during drillingoperationsBetween 5-1/2" pack off sealspressure tested to 10,060 Psi/ 15 mins on 20/02/2020Pressure tested productioncasing and lower completionproduction packer (tubingplug installed in tailpipe) to250 Psi / 5 mins and 4,100 psi/ 20 mins on 14/10/2020	External observation during regular wellhead inspection, LELs External observation, regular function test during wellhead inspection, LELs C-annulus pressure B-annulus pressure
Top of the 9-5/8" casing window 1,191.62mMD/mTVD FIT 15.5 lb/gal Bottom of the 9-5/8" casing window 1,196.7mMD/mTVD Middle Kyalla SRR Kyalla Sst Lower Kyalla SRR Upper most perforation 2230/1778 m MD/TVD	Element Upper/Lower Master Valve Wellhead annulus access valve (I) Production casing hanger (E) Production casing Production casing cement	QualificationLMV and UMV pressuretested independently to 250 /4,100 Psi 10 mins each on23/10/2020 and 23/01/2021.A Annulus access valvestested to 10,000 Psi / 15 minson 21/02/2020 during drillingoperationsBetween 5-1/2" pack off sealspressure tested to 10,060 Psi/ 15 mins on 20/02/2020Pressure tested productioncasing and lower completionproduction packer (tubingplug installed in tailpipe) to250 Psi / 5 mins and 4,100 psi/ 20 mins on 14/10/2020Cement quality verified byCBL-VDL-MAP log on26/02/2020. Good/averagecement bond verified to 195mMD.	External observation during regular wellhead inspection, LELs External observation, regular function test during wellhead inspection, LELs C-annulus pressure B-annulus pressure B-annulus pressure
Top of the 9-5/8" casing window 1,191.62mMD/mTVD FIT 15.51b/gal Bottom of the 9-5/8" casing window 1,196.7mMD/mTVD Middle Kyalla SRR Kyalla Sst Lower Kyalla SRR Upper most perforation 2230/1778 m MD/TVD	Element Upper/Lower Master Valve Wellhead annulus access valve (I) Production casing hanger (E) Production casing Production casing Production casing cement Note: (I) = Internal, (E) = External A-annulus = 2-7/8", B-annulus 9-5/8" Note:	QualificationLMV and UMV pressuretested independently to 250 /4,100 Psi 10 mins each on23/10/2020 and 23/01/2021.A Annulus access valvestested to 10,000 Psi / 15 minson 21/02/2020 during drillingoperationsBetween 5-1/2" pack off sealspressure tested to 10,060 Psi/ 15 mins on 20/02/2020Pressure tested productioncasing and lower completionproduction packer (tubingplug installed in tailpipe) to250 Psi / 5 mins and 4,100 psi/ 20 mins on 14/10/2020Cement quality verified byCBL-VDL-MAP log on26/02/2020. Good/averagecement bond verified to 195mMD.	External observation during regular wellhead inspection, LELs External observation, regular function test during wellhead inspection, LELs C-annulus pressure B-annulus pressure B-annulus pressure 8" x 5.5", D-annulus = 13-3/8" x

