

PARA ET AL. FORT LIARD F-36 WELL
 Licence # 1841
 UWI: 300/F-36/6010-12315/0

TERMINATION RECORD (Cont'd from OROGO form)

ADDITIONAL INFO FOR PLUGGING PROGRAM –

TYPE OF PLUG	INTERVAL (mKB)	FELT	SETTING DEPTH (mKB)	CEMENTING (m3)
Bridge Plug	Packer & Tubing Plug	1377.95-0	13795-0	NeN/A
	No			1375 (E-line)-0
Bridge Plug	1367 - 1375.0	NeN/A	1367 (E-line)-0	NeYes
Cement Squeeze	1367 – 1213	Yes		3.15 m3
				Top felt 4,000 DaN
Cement Plug	1213.4 – 1367.0	No		
Cement Retainer	827.0 – 827.5		NeN/A	.827 (E-line)-0
Cement Squeeze	838 - 764	No		2.0 m3
Cement Retainer	558.0 – 558.5		NeN/A	.558 (E-line)-0
Cement Squeeze	564 – 534	No		1.8 m3

PERFORATIONS – ~~There are lots more Mattson perms – not sure fine detail is needed~~

Interval (mKB) Comments

Mattson:

~~Numerous P~~perforations over 3 zones.

All are isolated by a bridge plug at 1367mKB and squeezed cement cap above an unretrievable completion assembly of multiple packers and tubing.

OROGO approved the above plugging arrangement in 2017

- 1514 – 1582 mKB
- 1644 – 1724 mKB
- 1751 -- 2046 mKB

Fantasque

1344 – 1347 mKB

Squeezed above bridge plug set at 1367 mKB.

Cement top tagged at 1213 mKB with 4,000 DaN

~~Mattson 1990.5 – 1993.0, 1984.0 – 1988.0, 1941.0 – 1945.0, 1933.0 – 1934.5, 1896.6 – 1897.7, 1900.0 – 1905.5, 1888.0 – 1889.5, 1863.0 – 1867.0, 1856.0 – 1862.0, 1846.0 – 1848.0, 1850.0 – 1856.0, 1824.0 – 1828.5, 1840.0 – 1843.0, 1805.0 – 1809.0, 1811.0 – 1813.0, 1786.0 – 1790.0, 1792.0 – 1794.0, 1751.0 – 1761.0~~

~~Fantasque 1344.0 – 1347.0~~

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ADDITIONAL DOWNHOLE ABANDONMENT INFORMATION

Cement Squeeze – 344.0 – 347.0 0.41 m3 cement

Cement Plug – 1213.4 – 1367.0 3.15 m3

Remedial Perforations Interval – 836.0 – 838.0 Feb. 12, 2017

Acid Treatment – 836.0 – 838.0 Feb. 13, 2017

Cement Retainer – 827.0 m Feb. 13, 2017

Cement Squeeze – 836.0 – 838.0 Feb. 14, 2017 .55 m3 cement

Cement Plug – 764.0 – 827.0 Feb. 14, 2017

Remedial Perforations Interval – 562.0 – 564.0 Feb. 14, 2017

Cement Retainer – 558.0 Feb. 15, 2017

Cement Squeeze – 562.0 – 564.0 Feb. 17, 2017

Cement Plug – 533.8 – 558.0 Feb. 17, 2017