

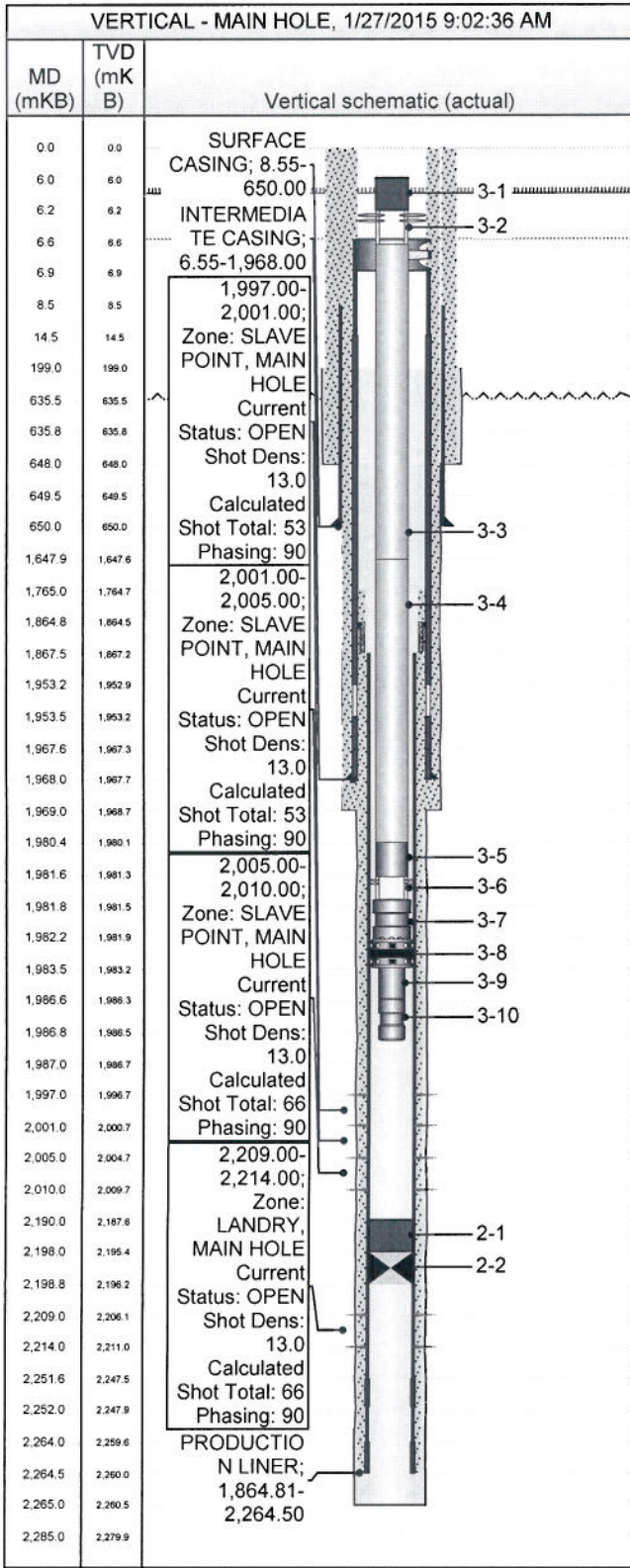


Canadian Natural

Downhole Schematic ANADARKO EMILE LAKE A-77

Bottom Hole Location 300/A-77-06.04-601.22/00	Surface Legal Location	License # NT004090	Field Name FT LIARD	Province NORTHWEST TERRITORIES	
Well Profile	Fluid Type	Original KB Elevation (m)	KB-Ground Distance (m)	KB-Casing Flange Distance (m)	KB-Tubing Head Distance (m)

Directions To Well



Plug Back Total Depths

Date	Depth (mKB)

Casing Strings

Csg Des	OD (mm)	Wt/Len (kg/m)	Grade	Set Depth (MD) (mKB)
SURFACE CASING	244.5	59.530	L-80	650.00
SURFACE CASING	244.5	59.530	L80	650.00
INTERMEDIATE CASING	177.8	38.690	L80	1,968.00
PRODUCTION LINER	114.3	17.260	L80	2,264.50
INTERMEDIATE CASING	177.8	38.690	L-80	2,285.00

Cement Stages

Des	Type	Top (mKB)	Btm (mKB)	Rtns Mix (%)	Rtns Displ. (%)	Vol Cement Ret (m³)
SURFACE CASING	Casing	0.00	648.00	400	500	1.00
INTERMEDIATE CASING	Casing	0.00	1,968.00			4.00
PRODUCTION LINER	Casing	1,765.00	2,264.50			

Perforations

Zone	Top (mKB)	Btm (mKB)	Current Status
SLAVE POINT, MAIN HOLE	1,997.00	2,001.00	OPEN
SLAVE POINT, MAIN HOLE	2,001.00	2,005.00	OPEN
SLAVE POINT, MAIN HOLE	2,005.00	2,010.00	OPEN
LANDRY, MAIN HOLE	2,209.00	2,214.00	OPEN

Tubing Strings

TUBING ASSEMBLY set at 1,987.03mKB on 3/31/2004 00:00

Tubing Description	String Max N...	Wt (kg/m)	String Grade	Set Depth (mKB)
TUBING ASSEMBLY	73.0	9.670	J55	1,987.03

Comment

Item #	Jts	Item Des	OD (mm)	ID (mm)	Len (m)	Top (mKB)	Btm (mKB)
3-1	1	DOGNUT	73.0	62.0	0.20	6.00	6.20
3-2	1	CROSSOVER	73.0		0.44	6.20	6.64
3-3	176	176 - TBG JTS X 73.0 MM X 1641.26 M - REG	73.0	62.0	1,641.26	6.64	1,647.90
3-4	35	35 - TBG JTS X 73.0 MM X 332.50 M - REG	73.0	62.0	332.50	1,647.90	1,980.40
3-5	1	PUP JT 1.21 M X 73.0 MM	73.0	62.0	1.21	1,980.40	1,981.61
3-6	1	CROSSOVER 60.3 MM X 73.0 MM	73.0		0.15	1,981.61	1,981.76
3-7	1	ON-OFF TOOL NFT W/ 1.87 " F PROFILE	88.9	58.8	0.49	1,981.76	1,982.25
3-8	1	PACKER QDG 60.3 MM X 114.3 MM	101.6	62.0	1.28	1,982.25	1,983.53
3-9	1	PUP JT 60.3 MM X 3.04 M	60.3	48.3	3.04	1,983.53	1,986.57
3-10	1	NIPPLE "F" PROFILE	60.3	56.0	0.28	1,986.57	1,986.85
3-11	1	RE-ENTRY GUIDE 60.3 MM	60.3	62.0	0.18	1,986.85	1,987.03