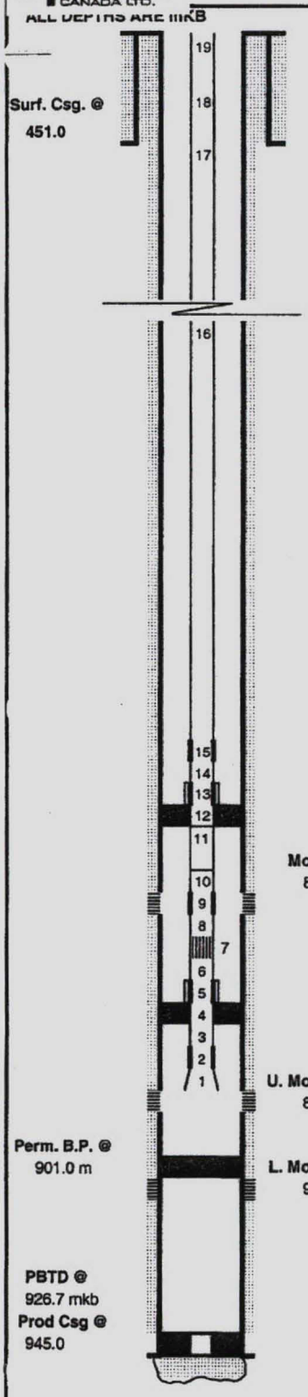
APACHE CANADA LTD.

WELL DIAGRAM "Final"

ALL DEPTHS ARE mKB



WELL NAME:	Apache Maunoir C-34				
PREPARED BY: Mike Periard/Barry Beitz			DATE:	2004-05-16	
ELEVATIONS (meters):			Licence No:	WID 1995	
TD 945.00	KB Elev.	628.00	KB to CF Dist. H	4.70	
PBTD 926.70	Ground Elev.	622.80	KB to Ground	5.20	
CASING/TUBING	**SIZE (mm)**	**WEIGHT (Kg/m)**	**GRADE**	**DEPTHS (m)**	
Surface Casing	244.50	53.50	J-55	451.00	32 Jts
			LT&C		
Production Casing	177.80	43.16	L-80	945.00	78 Jts
			LT&C		
Prod Liner					
Tubing	73.00	9.67	L-80	889.53	90 Jts
			EUE		

BOTTOM HOLE ASSEMBLY:

ITEM	DESCRIPTION	LENGTH (m)	Top at (m KB)
1	1 - 73 mm Re-entry guide	0.15	889.38
2	1 - 73 mm x 55.58 mm **"RN"** nipple c/w 51.05 mm No-Go	0.50	888.88
3	1 - 73 mm EUE 9.67 kg/m L-80 pup joint	1.25	887.63
4	177.8 mm x 73 mm Halliburton Versaset DGP packer	1.90	885.73
5	139.7mm Halliburton XXLHD **J-less** on/off assembly c/w 55.58 mm **"R"** profile	1.07	884.66
6	1 - 73 mm EUE 9.67 kg/m L-80 pup joint	3.08	881.58
7	1 - 73 mm Halliburton XA sliding sleeve c/w 58.75 mm **X** profile **CLOSED**	1.12	880.46
8	1 - 73 mm EUE 9.67 kg/m L-80 pup joint	2.47	877.99
9	1 - 73 mm x 58.75 mm **X** nipple	0.37	877.62
10	1 - 73 mm EUE 9.67 kg/m L-80 pup joint	2.47	875.15
11	2 - 73 mm EUE 9.67 kg/m, L-80 tubing joints	19.23	855.92
12	177.8 mm x 73 mm Halliburton UNI VI DGP packer	2.01	853.91
13	177.8 mm XL-HD on/off assembly c/w 58.75 mm **X** profile	0.67	853.24
14	1 - 73 mm EUE 9.67 kg/m L-80 pup joint	3.08	850.16
15	1 - 73 mm x 58.75 mm **X** nipple **plug in place**	0.37	849.79
16	87 - 73 mm EUE 9.67 kg/m, L-80 tubing joints	834.73	15.06
17	1- 73mm, 9.67 kg/m, L-80 nipple	0.34	14.72
18	1- 73mm, 9.67 kg/m, L-80 tubing joint	9.55	5.17
	Compression of 3500 daN	-0.24	5.41
	Log Correction	1.00	4.41
19	179.4 mm x 73 mm Cameron extended neck chemical line prep tbg. Hngr	0.26	4.15
			4.15
			4.15
	Note: Camco A-3, collar stop & slip stop set @ 19 mcf		4.15
			4.15
			4.15
			4.15
			4.15
			4.15
			4.15
	TALLY	885.38	
	KB TO TUBING HEAD	4.15	
	TUBING BOTTOM	889.53	

PERFORATION INTERVALS

876.5-879.5 mKB- Mount Clark "B"
891.0 - 894.0 mKB - Upper Mount Clark "C"
902.5 - 905.5 mKB - Lower Mount Clark "C" (Abandoned under Bolt 10K permanent bridge plug)

NOTE:

Ran a 139.7 mm overshot on top of bottom packer due to sand