



HALLIBURTON

Company Name:		Apache Canada LTD.			Date:	Tuesday, January 20, 2004		
Prepared for:		Walter Stock			Ph:			
Well Name:		Nogha M-17			SO#:			
Location:		M-17			AFE#:			
Service Specialist:		Joe Farnel			Ph:	403-352-3683		
Tubular	Size mm	Grade	Weight (kg/m)	Thread	Depth (m)	ID (mm)	Drift (mm)	
Casing	177.80		43.16			157.07	153.90	
Liner								
Tubing	73.00		9.67	EUE		62.00	59.61	
Tubing								
Weights	Initial String Weight	Slack-off Weight	Trans. Weight	Hole Drag		Block weight		
DaN								
Fluids	Fluid Type	Fluid Weight (kg/m3)	Pressure Tested		Hydrostatic (Kpa/m)			
Tubing								
Annulus								
Data	Deviation Angle	Kickoff Depth	TVD	H2S	Co2	BHT (C)	BHP (Kpa)	
Perfs	1338-1341	1398-1401	1411-1414					
Collars								
Item	Description	I.D.	O.D.	Length (m)	Depth (mKB)			
	KB to tubing hanger flange			5.45	0.00			
					5.45			
					5.45			
					5.45			
					5.45			
					5.45			
					5.45			
29.	73mm L-80 EUE 8rd tubing Joints as required to surface				5.45			
					5.45			
					5.45			
28.	73mm Halliburton X nipple w/ 58.75mm profile	58.75			5.45			
27.	9.45mm Stainless steel control line				5.45			
26.	73mm L-80 EUE 8rd Pup Joint			3.08	5.45			
25.	73mm Chemical injection sub	58.75			8.53			
					8.53			
24.	73mm L-80 EUE 8rd Pup Joint			3.08	8.53			
23.	73mm Halliburton X nipple w/ 58.75mm profile	58.75			11.61			
22.	73mm L-80 EUE 8rd Pup Joint			3.08	11.61			
21.	177.8mm Halliburton XL-HD On/Off tool w/ 58.75mm X profile	58.75			14.69			
20.	177.8mm Halliburton G-77 Hydraulic set packer (41.67-47.62kg/m)				14.69			
19.	73mm L-80 EUE 8rd tubing Joints as required				14.69			
18.	73mm Halliburton X nipple w/ 58.75mm profile	58.75			14.69			
17.	73mm L-80 EUE 8rd tubing Joints as required				14.69			
16.	73mm Halliburton Blast joints as required to cover perfs				14.69			
15.	73mm Halliburton XA Sliding sleeve w/ 58.75mm X profile	58.75			14.69			
14.	73mm L-80 EUE 8rd tubing Joints as required				14.69			
13.	177.8mm Halliburton G-77 Hydraulic set packer (41.67-47.62kg/m)				14.69			
12.	73mm L-80 EUE 8rd tubing Joints as required				14.69			
11.	73mm Halliburton X nipple w/ 58.75mm profile	58.75			14.69			
10.	73mm L-80 EUE 8rd tubing Joints as required				14.69			
9.	73mm Halliburton Blast joints as required to cover perfs				14.69			
8.	73mm Halliburton XA Sliding sleeve w/ 58.75mm X profile	58.75			14.69			
					14.69			
7.	73mm L-80 EUE 8rd tubing Joints as required				14.69			
6.	177.8mm Halliburton G-77 Hydraulic set packer (41.67-47.62kg/m)				14.69			
5.	73mm L-80 EUE 8rd Pup Joint			3.08	14.69			
4.	73mm Halliburton R nipple w/ 55.58mm	55.58			17.77			
3.	73mm L-80 EUE 8rd Pup Joint			3.08	17.77			
2.	73mm Halliburton RN nipple w/ 55.58mm Profile & 51.05 No-Go	51.05			20.85			
1.	73mm EUE wireline Re-entry Guide				20.85			
					20.85			
					20.85			
Directions/rig/mileage etc...								