

BOETTCHER SUPERVISION LTD.
ABANDONMENT PLUGS & CEMENT

Well; Pan Am Pointed Mtn. A-2A (K-45A)

Date: 9/07/98

	ITEM No.	DESCRIPTION	LENGTH (M)	DEPTH KB (M)	MIN. ID (mm)
	H	CEMENT RETAINER @ 175 M K.B. 22 T 'G' .4% D-33 , .1% R-6 & .5% CF-1 TAIL-IN WITH 11.6 T .5% T-10, .4% D-24 & .5% CF-1	98-07-08	175.00	
	P9	PERFORATE 200 TO 201 WITH 39 gr @ 17 SPM	98-07-07		
	G	CEMENT RETAINER @ 445 M K.B. 22 TONNES CLASS 'G' .4% B-33 , .1% R-6	98-07-07	445.00	
	F	BRIDGE PLUG @ 685 M	98-07-07	685.00	
	P8	PERFOATED 475 TO 476 M WITH 39 gr @ 17 SPM			
	P7	PERFORATE 690 TO 691 M 32 gr. 17 SPM	98-07-06		
		BALANCED PLUG 991 TO 861 M 3.5 T CLASS 'G' WITH .5% T-10 , .3% D-24 & .1% R-6			
	P6	PERFORATE 991 TO 992 M WITH 39 gr 17 SPM	98-07-06		
	P5	PERF 977 TO 978 M WITH 39 gr 17 SPM.	98-07-06		
		SECTION MILL @ 970 M TO 977 M K.B.			
	C-1		CEMENT TOP	994.80	
	E	CEMENT RETAINER @ 1031 M K.B. CEMENTED WITH 6 M\3 'G' .5% T-10 , .4 % D-24 & .2% R-6		1031.00	
	P 8	P4 1150 TO 1151 M WITH 32 gr 17 SPM	98-07-03		
				1031.00	
	P3	1026 TO 1027 M WITH 32gr 17SPM	98-07-03		
	F				
	D	CEMENT RETAINER @ 944 M K.B. CEMENTED WITH 10 M\3 CLASS 'G' WITH .5% T-10, .3% D-24 & .2% R6 DRILLED OUT 98-07-02	98-06-30	944.00	
	P 7				
	P 6				
	P 5	P2 965 to 966 m K.B. 32 gram @ 17 SPM	98-06-30		
			cement top	2306.00	
	C	Bridge plug @ 2316 M with 10 vertical m. cement	98-06-29	2316.00	
	E	P1 SQUEEZED PERFS 2325.5 TO 2326.5 6.6 TONNE THERMAL (5 M\3) IN 6 STAGES MAX SQUEEZE 21 Mpa	94-07-12		
	P 2				
	B	Bridge plug @ 2770 with 10 vertical m. cement	cement top	2760.00	
	D			2770.00	
			cement top	3040.00	
	P 3	A Cement Basket @ 3051.2 m K.B. Top with 10 Verticle M. cement		3051.20	
	P 4	PERFORATION INTERVALS:	GUN:	CHARGES:	
		FORMATION	INTERVAL (M / KB)	SIZE	TYPE PHASE SPM TYPE WT(lb)
	C	NAHANNI	3082.25 to 3216M KB. OPEN HOLE SECTION		
	P 1				
		REMARKS:	DRAWN FROM WELL FILE AND NOT TO SCALE.		
	B	PREVIOUS PERFS SQUEEZED ON 94-07-12 AT 2325.5 - 2326.5 mKB. Cemented with 6.6t Thermal 40F.			
		Squeeze perforations at 947-948 mKB with 8.3 m3 Thermal 40F cement.			
	A	NOT TO SCALE	WELLSITE SUPERVISOR	PHIL BOETTCHER & DUSTY FAY	
		TRIMAT # 3 MIKE SCHRIEBER	DATE INSTALLED 98-07-04		
		CHECKED:			
		REVISED:			
		OTHER:	LINER TOP @ 2794.16 M KB		