

SUMMARY

A velocity survey was shot in Koorkah-1 on December 23, 1985. A total of 25 levels were shot during the survey over the interval 3132m to 403m (below KB) using an air gun source. Twenty one of the 25 levels were used to derive the Time-Depth curve for the well and to calibrate the sonic log. Check shot levels omitted from the data set were either poor quality or disregarded in preference to adjacent levels.

A "Seismic Calibration Log" showing corrected Sonic, Gamma Ray and Density logs together with a Time Depth curve and velocity curves was assembled and is included as Enclosure 5. Synthetic seismograms ("Geograms") for both minimum and zero phase are included as Enclosures 6 and 7.

## VELOCITY SURVEY LEVELS

Level Depth (m below KB)	Stacked Shots	Rejected Shots	Quality	Comments
403	3	2	Good	
1600	4	0	Good	
1640	3	0	Good	
1650	3	0	Fair	Omitted
1749	5	1	Good	
1825	3	0	Good	
1973	9	2	Good	
2015	3	0	Good	
2087	3	1	Good	
2165	3	0	Good	
2250	3	1	Good	
2365	3	0	Good	
2475	3	1	Good	
2545	2	1	Good	
2550	3	3	Good	Omitted
2615	3	0	Good	
2675	5	2	Good	
2685	2	2	Fair	Omitted
2783	3	0	Good	
2837	4	1	Good	
2962	3	2	Good	
3040	2	2	Good	
3100	8	4	Good	
3124.6	7	7	Good	
3132	6	5	Fair	Distorted/Omitted