

ONE WAY TIME BELOW SEA LEVEL - SECONDS

TWO WAY TIME BELOW SEA LEVEL - SECONDS

ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

DURROON - 1

TIME DEPTH CURVE

DATUM : MEAN SEA LEVEL
 CO ORDINATES
 AUTHOR : G. M. EVANS
 LAT : 40° 32' 02.94" S
 DRAFTED BY : G. JENNENS
 LONG : 147° 12' 48.48" E

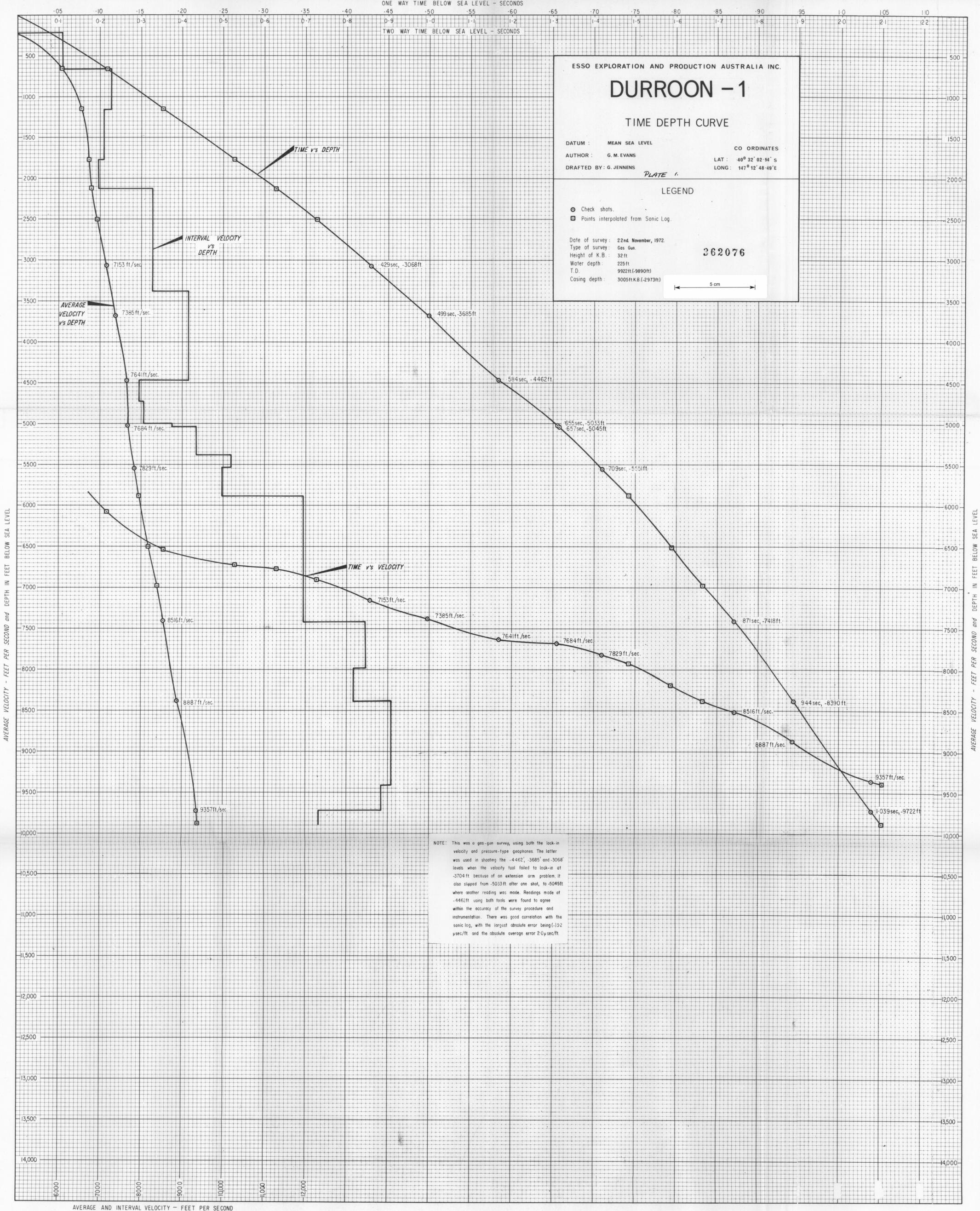
PLATE 1

LEGEND

- Check shots.
- Points interpolated from Sonic Log.

Date of survey : 22nd November, 1972
 Type of survey : Gas Gun
 Height of K.B. : 32 ft
 Water depth : 225 ft
 T.D. : 9922 ft (-9890 ft)
 Casing depth : 3005 ft K.B. (-2973 ft)

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NOTE: This was a gas-gun survey, using both the lock-in velocity and pressure-type geophones. The latter was used in shooting the -4462', -3685' and -3068' levels when the velocity tool failed to lock-in at -3704 ft because of an extension arm problem. It also slipped from -5033 ft after one shot, to -5045 ft where another reading was made. Readings made at -4462 ft using both tools were found to agree within the accuracy of the survey procedure and instrumentation. There was good correlation with the sonic log, with the largest absolute error being (-)32 μsec/ft and the absolute average error 2.0 μsec/ft.

AVERAGE AND INTERVAL VELOCITY - FEET PER SECOND