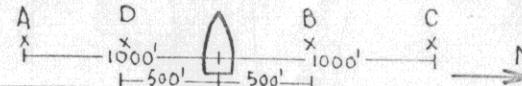


Shot-hole information - Elevation, Distance & Direction from Well



Company
ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.

Well
Bass # 3

Elevation (Derrick Floor)
31'

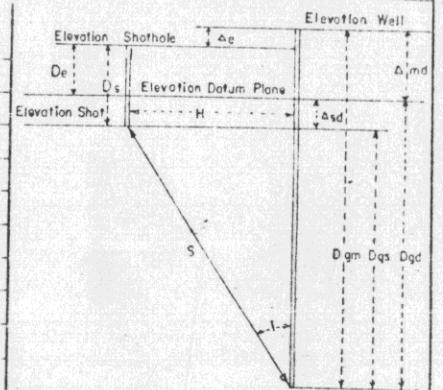
Total Depth
7978'

Coordinates
39°59'51" N
145°16'57" E

LOCATION
 Section, Township, Range
 County
 Area or Field
Bass Basin Tasmania

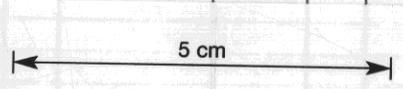
DATUM: Sea Level

Record Number	Shot-hole Number	Time of Shot	Dgm	Ds	tus	tr	T		Dgs	H	TAN i	Cos i	Tgs	Δsd	Δsd/V	Tgd	Tgd Average	Dgd	ΔDgd	ΔTgd	Vi Interval Velocity	Va Average Velocity
							Reading	Polarity Grade														
1	D	1325	2034	5																		
		1600	2034	5	001	105	293	D	P	1998	525	2628	9672	283	5	001	284	284	2003			
																				1498	201	7453
2	E	1335	3532	5	001	199	503	D	F	3496	995	2847	9617	484	5	001	485	485	3501			
																				1200	147	8163
3	C	1353	4732	5	001	201	647	D	G	4696	1005	2140	9778	633	5	001	634	632	4710			
10	A	1550	4732	5	001	215	644	D	G	4696	1075	2289	9747	628	5	001	629					7438
																				858	088	9750
4	C	1410	5590	5	001	198	731	D	G	5554	990	1783	9844	720	5	001	721	720	5559			
9	A	1525	5590	5	001	201	729	D	G	5554	1005	1810	9840	717	5	001	718					7721
																				1471	131	11230
5	C	1430	7061	5	001	203	859	D	G	7025	1015	1445	9897	850	5	001	851	851	7030			
																						8261
6	C	1450	7870	5	001	205	928	D	G	7834	1025	1308	9915	920	5	001	921					
7	C	1455	7870	5	001	199	926	D	G	7834	995	1270	9920	919	5	001	920	919	7839			
8	A	1505	7870	5	001	200	921	D	G	7834	1000	1276	9920	914	5	001	915					8530



Dgm = Geophone depth measured from well elevation
 Dgs = " " " " shot " "
 Dgd = " " " " datum " "
 Ds = Depth of shot
 De = Shot-hole elevation to datum plane
 H = Horizontal distance from well to shotpoint
 S = Straight line travel path from shot to well geophone
 tus = Uphole time at shotpoint
 T = Observed time from shotpoint to well geophone.
 tr = " " to reference geophone.
 Δe = Difference in elevation between well & shotpoint.
 Δsd = " " " " shot & datum plane
 Δsd = Ds - De
 Dgs = Dgm - Ds ± Δe; $\tan i = \frac{H}{Dgs}$
 Tgs = $\cos i$ T_v Vert. travel time from shot elev to geophone
 Tgd = $Tgs \pm \frac{\Delta sd}{V}$ " " " datum plane " "
 Dgd = Dgm - Δmd
 Vi = Interval velocity = $\frac{\Delta Dgd}{\Delta Tgd}$
 Va = Average = $\frac{Dgd}{Tgd}$

Surveyed by: **Western Geophysical**
 Date: **March 27, 1967**
 Weathering Data:
 Water Depth: **202'**
 Casing Record
2750'



330079