

R.N. = Record Number
 T.S. = Time Shot
 S.P. = Shot Point
 Esw = Elevation of Surface of Water
 Twh = Time at Well Reference Detector
 Ho = Detector Depth Below Well Elevation (Guide Base -62')
 Ho' = " " " " " Corrected for Deviation of Well
 Ds = Depth of Explosive Charge

Δe = Elevation Correction = $E_w - E_{sw}$, where E_w = Well Elevation (Guide Base -62')
 Hs = Detector Depth Below Shot = $H_o' - (D_s + \Delta e)$
 X = Horizontal Distance of Well to Shot Point
 X' = " " " " " Corrected for Deviation of Well

$\tan \theta = \frac{X'}{H_s}$

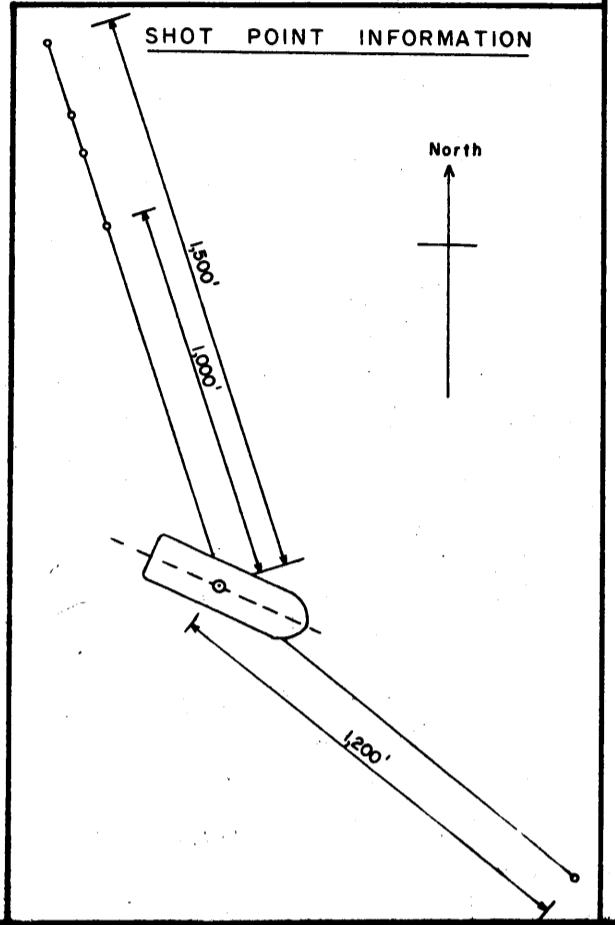
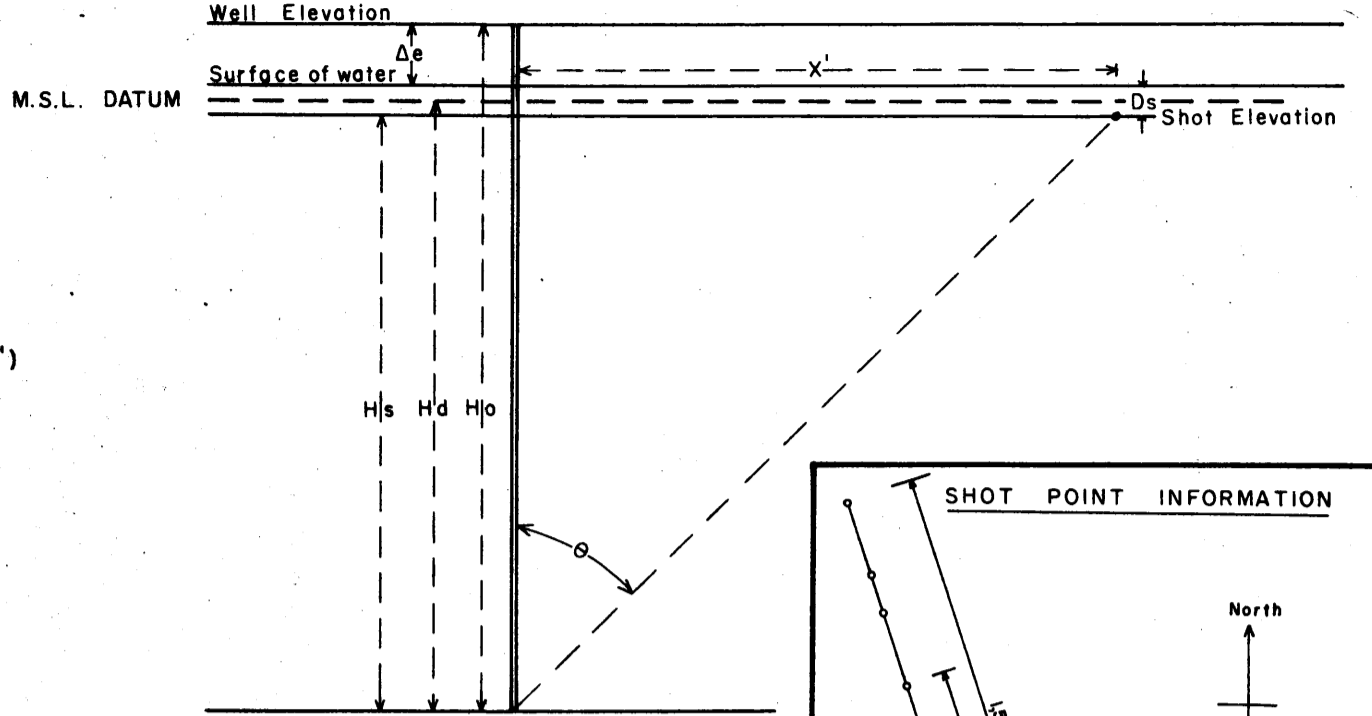
To = Observed Slant Time Below Shot
 Q = Quality of Record
 Tv = Vertical Time Below Shot = $T_o \cdot \cos \theta$
 Hd = Detector Depth Below M.S.L. Datum = $H_o' - E_w$

$T =$ Correction to Datum = $\frac{H_d - H_s}{V_e}$, where V_e = Elevation Correction Velocity

Tvd = Corrected Vertical Time Below Datum $T_v + T$
 \bar{T}_{vd} = Average Corrected Vertical Time Below Datum

\bar{V} = Average Vertical Velocity = $\frac{H_d}{\bar{T}_{vd}}$

ΔH_d = Interval Depth
 $\Delta \bar{T}_{vd}$ = Interval Time
 V = Interval Velocity $\frac{\Delta H_d}{\Delta \bar{T}_{vd}}$



DEPT. NAT. RES & ENV
 PE902908

WELL NAME		LOCATION		WELL ELEVATION		TOTAL DEPTH		CASING RECORD		SURVEYED BY: Western Geophysical				DATUM - MEAN SEA LEVEL													
Golden Beach No.1A		Lat. 38°15'32.62" south Long. 147°25'20.13" east		K.B. R.T. + 40 G.B. - 62		9545		4003		SURVEYED FOR: B.O.C. of Australia Limited SURVEY DATE: 17 & 18 July, 1967 COMPUTED BY: B.O.C. of Aust. Ltd -				Ve - 5000 ft/s													
R.N.	T.S.	S.P.	Esw	Twh	Ho	Ho'	Ds	Δe	Hs	X	X'	Tan θ	Cos θ	To	Q	Tv	(Hd)	T	Tvd	(\bar{T}_{vd})	\bar{V}	ΔH_d	$\Delta \bar{T}_{vd}$	Lvl	MacLean	Well Calls	Subdatum
1	1512	SE			1328		6							No.T.B.			1390					1390	.1975	7040			
2	1522	SE	3	.246	1328		6	-65	1387	1230		.8868	.7482	.263	FP	.1968	1390	.0006	.1974								
3	1533	SE	4	.243	1328		6	-66	1388	1215		.8754	.7524	.262	VP	.1971	1390	.0004	.1975	.1975	7040						
1	1111	SE	-3	.235	2014		6	-59	2067	1175		.5685	.3693	.346	?	.3008	2076	.0018	.3026			686	.1052	6520			
14	1606	NNW	3	.208	2014		6	-65	2073	1040		.5017	.3938	.338	P	.3021	2076	.0006	.3027	.3027	6860						Top Latrobe Valley Coal Meas
15	1617	NNW			2014									No.T.B.			2076					644	.0856	7520			
2	1138	SE	-2	.270	2658		6	-60	2712	1350		.4978	.3952	.432	VP	.3867	2720	.0016	.3883	.3883	7000						Top Main Coal
3	1208	SE	-1	.235	4071		6	-61	4126	1175		.2848	.3618	.556	?	.5348	4133	.0014	.5362			1412	.1482	9530			
12	1532	NNW	3	.242	4070		6	-65	4129	1210		.2930	.3597	.558	F	.5355	4132	.0006	.5361	.5365	7700						
13	1546	NNW	3	.241	4070		6	-65	4129	1205		.2918	.3600	.559	FG	.5366	4132	.0006	.5372			1516	.1245	12100			
4	1237	SE	-1	.237	5588		6	-61	5643	1185		.2100	.9787	.674	G	.6596	5650	.0014	.6610	.6610	8550						Top Golden Beach Beds
5	1300	SE	0	.244	6798		6	-62	6854	1220		.1780	.3845	.776	FP	.7640	6860	.0012	.7652			1210	.1052	11500			
11	1504	NNW	2	.261	6798		6	-64	6856	1305		.1903	.9824	.780	G	.7663	6860	.0008	.7671	.7662	8950						
6	1328	SE	0	.242	7998		6	-62	8054	1210		.1502	.9889	.866	FP	.8564	8060	.0012	.8576	.8576	9400	1200	.0914	13130			
7	1350	SE	1	.246	9200		6	-63	9257	1230		.1329	.9913	.954	FP	.9457	9262	.0010	.9467			1202	.0929	12940			
8	1406	NNW	1		9200		6	-63	9257					No timing lines			9262										
9	1420	NNW			9200									Miss fire			9262			.9505	9740						
10	1430	NNW	1	.305	9200		6	-63	9257	1525		.1647	.9867	.966	G	.9532	9262	.0010	.9542								