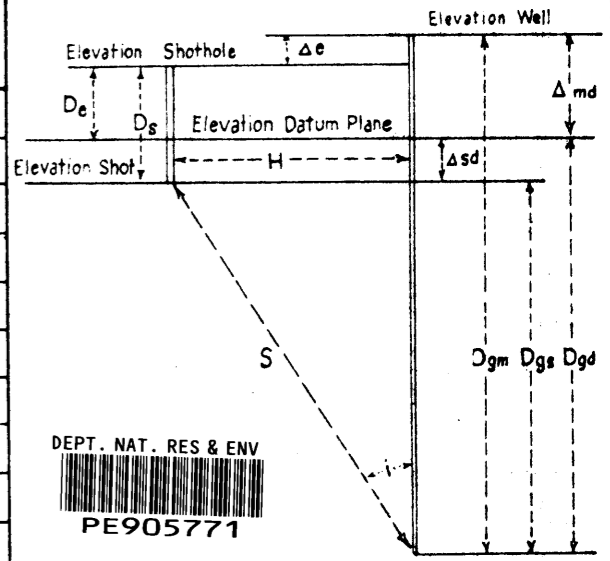


| | | | | | | | | | | | | | | | | | | |
|---|--|--|-------------------|--|-----------------|--|------------------------|--|-------------|--|-------------|--|--------------------------|--|--------|--|---------------|--|
| Shothole information, Elevation, Distance & Direction from Well | | | Company | | Well | | Elevation | | Total Depth | | LOCATION | | | | | | | |
| W - 197' Av. 550' E - 184' Av. 550' Ea- 175' Av. 600' | | | Frome-Broken Hill | | Flaxman's No. 1 | | Rotary Table 222 | | 11,527 | | Coordinates | | Section, Township, Range | | County | | Area or Field | |

| Record Number | Shothole Number | Dgm | Ds | tus | tr | T | | | Dgs | H | cotan i | cos i | Tgs | Δsd | Δsd/V | Tgd | Tgd Average | Dgd | ΔDgd | ΔTgd | Vi Interval Velocity | Va Average Velocity |
|---------------|-----------------|-------|------|------|------|---------|----------|-------|------|------|---------|-------|-------|-----------|--------|--------|-------------|------|------|-------|----------------------|---------------------|
| | | | | | | Reading | Polarity | Grade | | | | | | | | | | | | | | |
| 2 | E | 500 | 82' | .032 | .126 | .121 | - | P | 380 | 550 | .6909 | .5684 | .0688 | 120.01791 | .08671 | .0867 | 500 | | | | | |
| 3 | E | 1050 | 69' | .025 | | .176 | - | F-G | 943 | 550 | 1.7145 | .8638 | .1520 | 107.01597 | .16797 | .1680 | 1050 | | | | | |
| 4 | E | 2008 | 70' | .027 | .127 | .302 | - | F | 1900 | 550 | 3.4545 | .9606 | .2901 | 108.01611 | .30621 | .3085 | 2008 | | | | | |
| 13 | W | 2008 | 61' | .025 | .131 | .310 | - | F-G | 1922 | 550 | 3.4945 | .9614 | .2980 | 86.01284 | .31084 | | | | | | | |
| 12 | W | 3180 | 59' | .024 | .131 | .438 | - | G | 3096 | 550 | 5.6291 | .9846 | .1013 | 84.01254 | .44384 | .4438 | 3180 | | | | | |
| 5 | E | 4833 | 67' | .024 | .130 | .601? | - | P | 4728 | 550 | 8.5964 | .9933 | .5970 | 105.01567 | .61267 | .6135 | 4833 | | | | | |
| 11 | W | 4833 | 65' | .023 | .133 | .605? | - | P | 4743 | 550 | 8.6236 | .9933 | .6009 | 90.01343 | .61433 | | | | | | | |
| 6 | E | 5570 | 68' | .027 | .127 | .665 | - | P | 5464 | 550 | 9.9345 | .9950 | .6617 | 106.01582 | .67752 | | | | | | | |
| 10 | W | 5570 | 67' | .023 | .131 | .671 | - | P-F | 5478 | 550 | 9.9600 | .9950 | .6676 | 92.01373 | .68133 | | | | | | | |
| 1 | Ea | 5570 | 240 | .050 | .120 | .630 | - | ? | 5283 | 600 | 8.805 | .9936 | .626 | 287.0428 | .6688 | | | | | | | |
| 1A | Ocean West | 5570 | S.L. | | .083 | .636 | - | G | 5348 | 250+ | 21.392 | .9989 | .635 | 222.0331 | .6681 | | | | | | | |
| 9 | W | 6878 | 58' | .016 | .130 | .790 | - | P | 6795 | 550 | 12.3545 | .9967 | .7874 | 83.01239 | .79979 | .7998 | 6878 | | | | | |
| 7 | E | 6986 | 71' | .027 | .127 | .798 | - | F | 6877 | 550 | 12.5036 | .9968 | .7954 | 109.01627 | .81167 | .8117 | 6986 | | | | | |
| 8 | W | 6962 | 64' | .028 | .132 | .802 | - | VP | 6873 | 550 | 12.4964 | .9968 | .7994 | 89.01328 | .81268 | .8127 | 6962 | | | | | |
| | Ocean East | 7330 | S.L. | | .090 | .797 | - | G | 7108 | 300+ | 23.693 | .9991 | .796 | 222.0331 | .8291 | .8291 | 7330 | 1170 | .083 | 14096 | | |
| 2A | Ocean West | 8500 | S.L. | | .084 | .880 | - | G | 8278 | 250+ | 33.112 | .9995 | .879 | 222.0331 | .9121 | .9121 | 8500 | 1500 | .103 | 14563 | | 9319 |
| 3 | Ocean East | 10000 | S.L. | | .091 | .983 | - | G | 9778 | 300+ | 32.593 | .9995 | .982 | 222.0331 | 1.0151 | 1.0151 | 10000 | | | | | 9851 |



DEPT. NAT. RES & ENV
PE905771

Dgm = Geophone depth measured from well elevation
Dgs = " " " " shot "
Dgd = " " " " datum "
Ds = Depth of shot
De = Shothole 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 = H / Dgs
Tgs = cos i T = Vert. travel time from shot elev. to geophone
Tgd = Tgs ± Δsd / V = " " " " datum plane "
Dgd = Dgm - Δmd
Vi = Interval velocity = ΔDgd / ΔTgd
Va = Average " Dgd / Tgd

Surveyed by: Ray Geophysics
Date: 20/6; 25/8; 26/8/61

Weathering Data:
Datum Plane = +222
V2 = 6700' / s

Casing Record: