

WELL VELOCITY SURVEY SUMMARY SHEET

Well: Port Campbell No. 2 Location: \_\_\_\_\_

Surveyed by: Ray Geophysics (Aust.) P.L. Date: 12-2-60

OPERATIONS RECORDS

SHOOTING STATISTICS

TECHNICAL DATA - CHECK LIST

Seismic Crew Dates & Times  
 Left crew headquarters December 2, 1960, 8:00 a.m.  
 Arrived at well (entire crew) 9:30 a.m.  
 Began velocity survey 2:30 p.m.  
 Completed velocity survey 8:30 p.m.  
 Left well after survey 9:00 p.m.  
 Returned to crew headquarters 10:30 p.m.  
 Working time, entire crew 7 hours hrs.  
 Standby time, entire crew 16 1/2 hrs.  
 Special or additional personnel none  
 Seismic crew costs not computed \$

Shothole Drilling  
 Number of rigs used one  
 Number of shifts worked 1 1/2  
 Total drill rig time 15 hours  
 Number of holes drilled 9  
 Total footage drilled 720 ft.  
 Casing, set, total 320 ft.  
 Casing used, net 320 ft.  
 Shot hole drilling costs, total not given \$

Field Data  
 Survey notes and plats Yes  
 Shot hole logs Yes  
 Operator's report Yes  
 Shooter's report Yes  
 Original seismograms 3 sets  
 Timer check Checked daily by timing standard  
 Field report Yes  
 Total field costs Not given \$

Cable Service: furnished by Schlumberger  
 Cable truck arrived at well Portable cab on location  
 Cable truck left well Assigned to this site  
 Time in hole, total 6 (for velocity survey) hrs.  
 Standby time, total none hrs.  
 Cable service charges not given \$

Shooting  
 Number of survey shots fired 25  
 Number uphole-time survey shots 0  
 Number of weathering shots 0  
 Number of reflection shots 0  
 Total number of shots fired 25  
 Powder: Geophex Amt. used 560 lbs.  
 Caps Used: 27 No. used \_\_\_\_\_  
 Explosives costs, total not given \$

Report Data  
 Regional location map \_\_\_\_\_  
 Layout plat Yes  
 Discussion of shooting procedure Yes  
 Discussion of results Yes  
 Computation sheet Yes  
 Weathering T-X graphs Yes  
 Uphole T-Z graphs Not shot  
 T-Z and V-Z curves Yes  
 Reproductions of seismograms Yes

Well Rig & Crew: Operator Oil Drilling and Exploration  
 Well turned to crew for survey 2:30 p.m.  
 Time conditioning hole none  
 Rig standby time for survey 7 hrs.  
 Well returned to operator 8:30 p.m.  
 Total rig & crew time 6 (for survey) hrs.  
 Condition of hole during survey good  
 Rig time and other rig costs not given \$

Recording  
 Datum for depth measurements Rotary table  
 Shallowest depth shot 1230 ft.  
 Greatest depth shot 8838 ft.  
 Number of depth points shot 18  
 Spacing of depth points 500 ft. and various  
 Good records, number of points 24  
 Equipment rental and transport costs not given \$  
 Well geophone furnished by  
 Bureau of Mineral Resources.

Well Record Traces - numbered from 1 - 6 inc.  
 1. Reference geophone at surface near well  
 2. Up-hole geophone  
 3. Time break  
 4-6 inc. Well Geophone

Remarks: All shots fired below weathering. Shots at 1230' - 2500' inc. and 5810' - 8838' inc. gave good breaks. Shots at 3000' - 5500' inc. affected by casing breaks and noise.