

COMPANY: Lamont Doherty

WELL: ODP Leg 194, Site 1195B

FIELD: Marion Plateau

Country: Australia Ocean: Pacific Ocean

Schlumberger Well Seismic Tool

Country: Australia
Field: Marion Plateau
Location: Rig- Joides Resolution
Well: ODP Leg 194, Site 1195B
Company: Lamont Doherty

Table with columns: LOCATION, RIG- JOIDES RESOLUTION, GROUND LEVEL, SECTION, TOWNSHIP, RANGE. Includes data for Permanent Datum, Log Measured From, and Drilling Measured From.

Main data table with columns: Logging Date, Run Number, Depth Driller, Schlumberger Depth, Bottom Log Interval, Top Log Interval, Casing Driller Size @ Depth, Casing Schlumberger, Bit Size, Type Fluid In Hole, Density, Fluid Loss, Source Of Sample, RM @ Measured Temperature, RMC @ Measured Temperature, Source RMF, RM @ MRT, Maximum Recorded Temperatures, Circulation Stopped, Logger On Bottom, Unit Number, Recorded By, Witnessed By. Includes Run 1, Run 2, and Run 3 columns.

**DISCLAIMER**  
 THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

**OTHER SERVICES1**  
 OS1: MESTB/LSS  
 OS2: DITE/HLDS/APS/HNGS  
 OS3:  
 OS4:  
 OS5:

**OTHER SERVICES2**  
 OS1:  
 OS2:  
 OS3:  
 OS4:  
 OS5:

**REMARKS: RUN NUMBER 1**  
 Hole Cored With RCB.  
 WHC used on all runs.  
 Seas calm.  
 Log Measured in Meters Below Rig Floor (MBRF).  
 Sea Floor Logger- 429 MBRF.  
 Sea Floor Driller- 430.8 MBRF.  
 Drill Pipe Driller- 509 MBRF.  
 Drill Pipe Logger- 509 MBRF.  
 TD Driller- 951.24 MBRF.  
 TD Logger- 949.5 MBRF.  
 Seas calm.  
 Hole filled with Sepio Lite

**REMARKS: RUN NUMBER 2**

**RUN 1**

SERVICE ORDER #:  
 PROGRAM VERSION: 9C1-303  
 FLUID LEVEL:

**RUN 2**

SERVICE ORDER #:  
 PROGRAM VERSION:  
 FLUID LEVEL:

LOGGED INTERVAL	START	STOP

LOGGED INTERVAL	START	STOP

**EQUIPMENT DESCRIPTION**

**RUN 1**


**SURFACE EQUIPMENT**

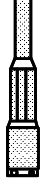
WSAM  
 OPTION  
 BGKT\_PANEL

**RUN 2**

**DOWNHOLE EQUIPMENT**

LEH-QT  
 LEH-QT

 5.87



4.98

WSTA-A  
WSTA\_SONDE  
OYO-GEOPHONES

WSTA Arm  
Tension

— TOOL ZERO

TOOL BOTTOM

MAXIMUM STRING DIAMETER 4.63 IN  
MEASUREMENTS RELATIVE TO TOOL ZERO  
ALL LENGHS IN METERS

VSP STACK SUMMARY LISTING (TWO WAY CORRECTED TIMES)

Gun and Hydrophone Coordinates:

Gun Azimuth 47.0 DEG  
 Gun Offset 49.0 M  
 Gun Depth From Schlumberger Zero 16.3 M  
 Hydrophone Depth From Schlumberger Zero 18.3 M  
 SRD Depth From Schlumberger Zero 11.3 M

Other VSP constants:

True Vertical Time Correction YES  
 Surface Velocity 1524.00 M/S

Stack number	Measured Depth (1) (M)	Measured Trans Time (2) (MS)	SRD (5) (M)	True Vert. Depth from (3) (MS)	Corrected Trans Time (4) (M/S)	Interval Velocity
3	515.9	324.52	504.6	655.12	1747.53	
2	525.0	329.70	513.7	665.54	1681.53	
1	548.2	343.43	536.9	693.13	0.00	

- (1) Measured Depth is Cable Depth Referenced to Schlumberger Zero.
- (2) TVD is referenced to SRD (5)
- (3) TW Transit time with respect to SRD(5) corrected for Deviation
- (4) Interval Velocity corrected for Deviation.
- (5) SRD is Seismic Reference Depth.

## VSP STACK SUMMARY LISTING

### Gun and Hydrophone Coordinates:

Gun Azimuth 47.0 DEG  
 Gun Offset 49.0 M  
 Gun Depth From Schlumberger Zero 16.3 M  
 Hydrophone Depth From Schlumberger Zero 18.3 M  
 SRD Depth From Schlumberger Zero 11.3 M

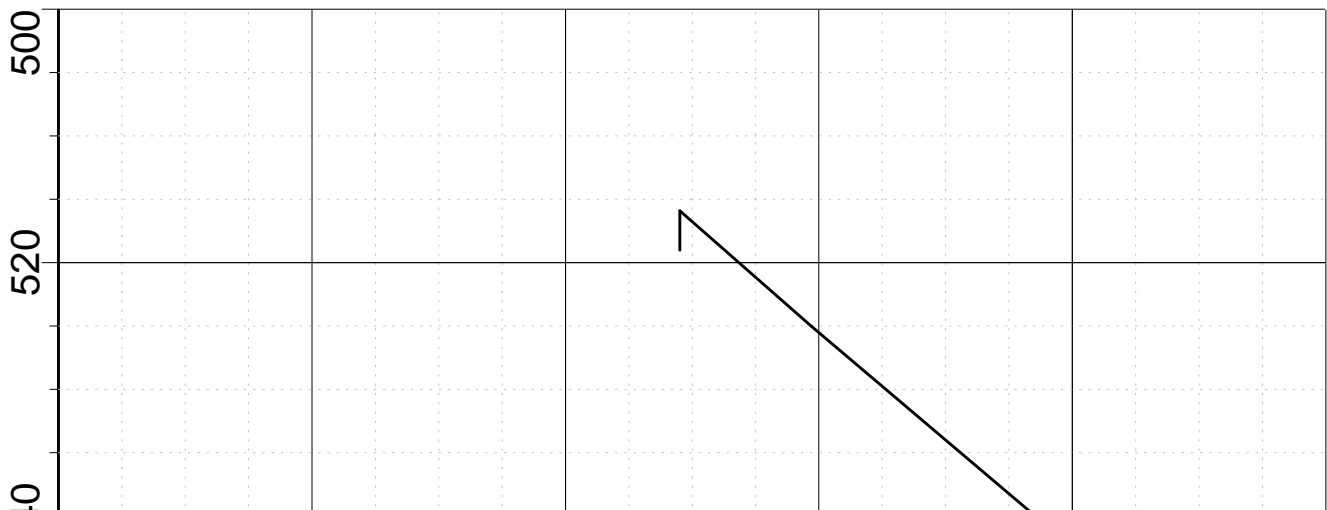
### Other VSP constants:

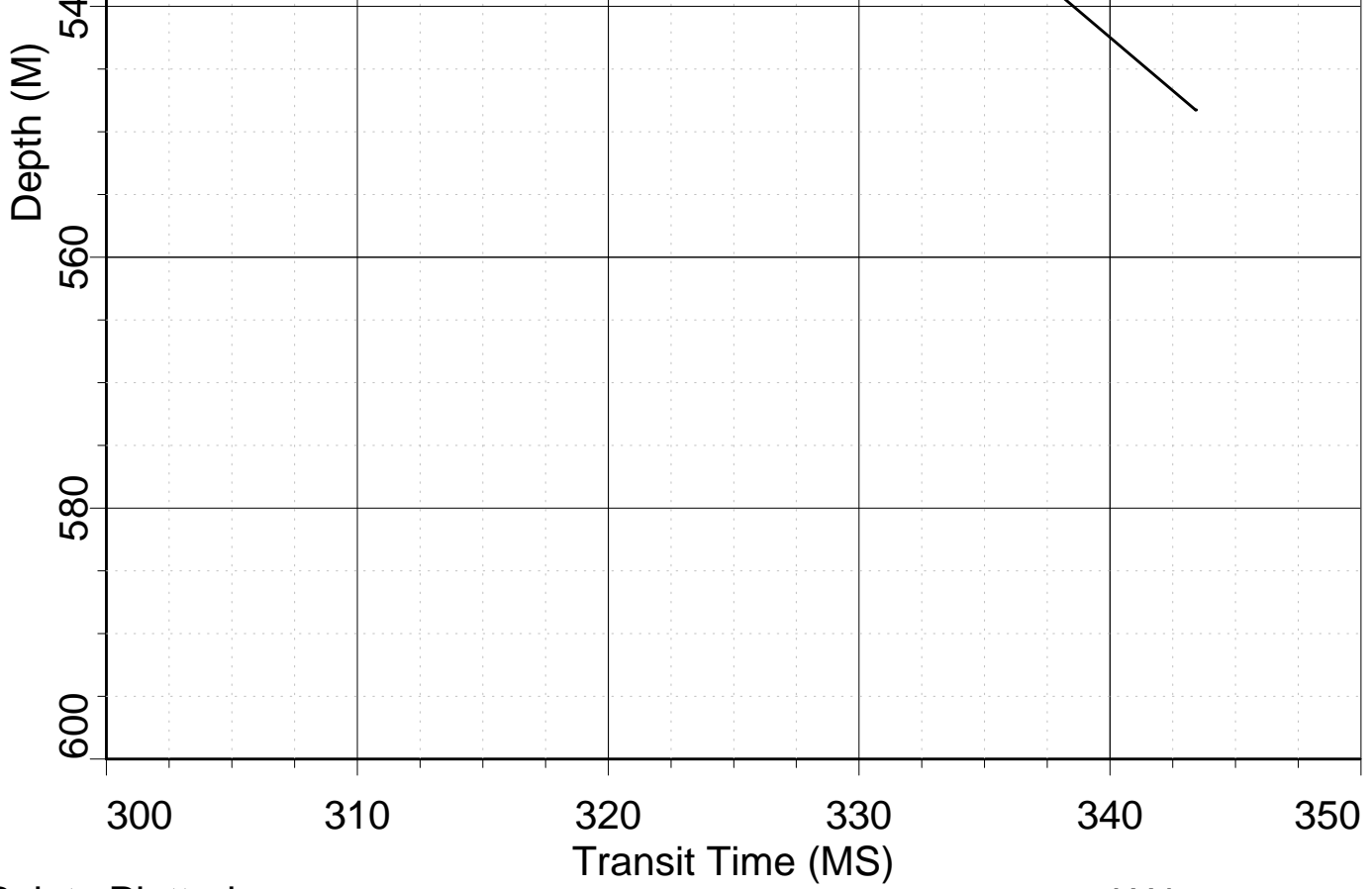
True Vertical Time Correction YES  
 Surface Velocity 1524.00 M/S

Stack number	Measured Depth (1) (M)	Measured Trans Time SRD (2) (MS)	True Vert. Depth from (3) (MS)	Corrected Trans Time (4) (M/S)	Interval Velocity
3	515.9	324.52	504.6	327.56	1747.53
2	525.0	329.70	513.7	332.77	1681.53
1	548.2	343.43	536.9	346.57	0.00

- (1) Measured Depth is Cable Depth Referenced to Schlumberger Zero.
- (2) TVD is referenced to SRD (5)
- (3) Transit time with respect to SRD(5) corrected for Deviation.
- (4) Interval Velocity corrected for Deviation.
- (5) SRD is Seismic Reference Depth.

Index: 548.2 - 518.9 M





4 Points Plotted

29-JAN-2001 17:28

Output DLIS Files

DEFAULT    WST .034    FN:23 PRODUCER    29-Jan-2001 16:40    0.0 M    0.1 M

OP System Version: 9C1-303  
MCM

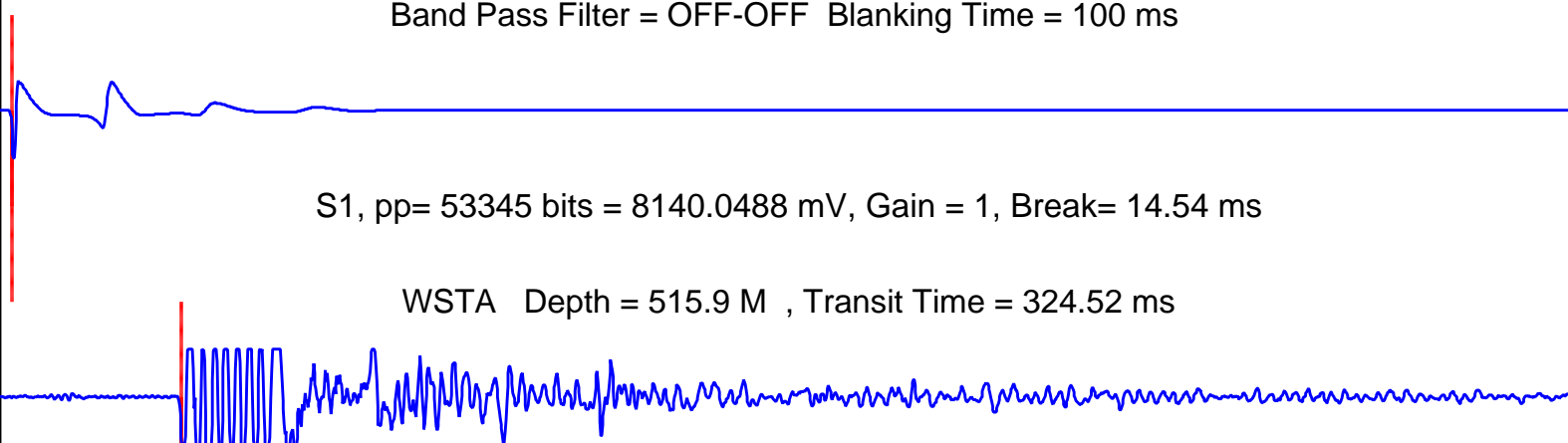
WSTA-A    OP91-kp2

STACK # 3    29-Jan-2001-17:04    Shots: 40-41-42-43-44-45-46-47-48  
Source Offset    Distance = 49.0 M    Azimuth = 0.0 DEG  
Band Pass Filter = OFF-OFF    Blanking Time = 100 ms

S1, pp= 53345 bits = 8140.0488 mV, Gain = 1, Break= 14.54 ms

WSTA    Depth = 515.9 M , Transit Time = 324.52 ms

DZ1, pp= 65534 bits = 9999.9990 mV, Gain = 1, Break= 339.07 ms



STACK # 2 29-Jan-2001-16:59 Shots: 31-32-33-34-35-36-37-38-39

Source Offset Distance = 49.0 M Azimuth = 0.0 DEG

Band Pass Filter = OFF-OFF Blanking Time = 100 ms

S1, pp= 52564 bits = 8020.8740 mV, Gain = 1, Break= 15.47 ms

WSTA Depth = 525.0 M , Transit Time = 329.70 ms

DZ1, pp= 65534 bits = 9999.9990 mV, Gain = 1, Break= 345.18 ms

STACK # 1 29-Jan-2001-16:49 Shots: 22-23-24-25-26-27-28-29-30

Source Offset Distance = 49.0 M Azimuth = 0.0 DEG

Band Pass Filter = OFF-OFF Blanking Time = 100 ms

S1, pp= 51873 bits = 7915.4326 mV, Gain = 1, Break= 15.63 ms

WSTA Depth = 548.2 M , Transit Time = 343.43 ms

DZ1, pp= 65534 bits = 9999.9990 mV, Gain = 1, Break= 359.06 ms

# OP System Version: 9C1-303

MCM

WSTA-A

OP91-kp2

## Output DLIS Files

DEFAULT

WST .034

FN:23 PRODUCER

29-Jan-2001 16:40

**COMPANY:** Lamont Doherty

**WELL:** ODP Leg 194, Site 1195B

**FIELD:** Marion Plateau

**Country:** Australia

**Ocean:** Pacific Ocean

BOTTOM LOG INTERVAL	548.2 m
---------------------	---------

SCHLUMBERGER DEPTH	949.5 m
--------------------	---------

DEPTH DRILLER	951.24 m
---------------	----------

KELLY BUSHING	11.3 m
---------------	--------

DRILL FLOOR	11 m
-------------	------

GROUND LEVEL	-430.8 m
--------------	----------



## Well Seismic Tool