ENCLOSURE 3. OR-0310

AUSTRALIAN LOG INTERPRETATION CENTRE

VERTICAL SEISMIC PROFILE
ZERO PHASE

SCHLUMBERGER

COMPANY	AMOCO AUSTRALIA
WELL	YOLLA #1
FIELD	WILDCAT
COUNTRY	AUSTRALIA

LOCATION COORDINATES:
LATITUDE 39 50 18.96 S
LONGITUDE 145 48 21.2 E

ELEVATIONS:
KB 10.9 M
DF 10.3 M
GL -79.5 M

COMPUTER CENTER	ASJ
ANALYST	M. SANDERS
JOB REFERENCE	540391
DATE	3-OCT-85

SEISMIC REFERENCE DATUM MEAN SEA LEVEL

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

UNITS:	METRES
PERMANENT DATUM:	MSL
LOGS MEASURED FROM:	KB
DRILLING MEASURED FROM:	KB
DATE OF VSP SURVEY:	10-SEP-85
WELL TOTAL DEPTH:	3351 M
TOTAL NUMBER OF LEVELS SHOT:	141
NO. OF LEVELS IN FINAL PROCESSING:	125
TOP LEVEL:	640 M
BOTTOM LEVEL:	3312 M

GUN OFFSET 37 M
GUN ELEVATION 3.35 M BELOW MSL
BIT SIZE/DEPTH 12 1/4" @ 3345 M
CASING SIZE/DEPTH 9 5/8" @ 3345 M

COMMENTS:

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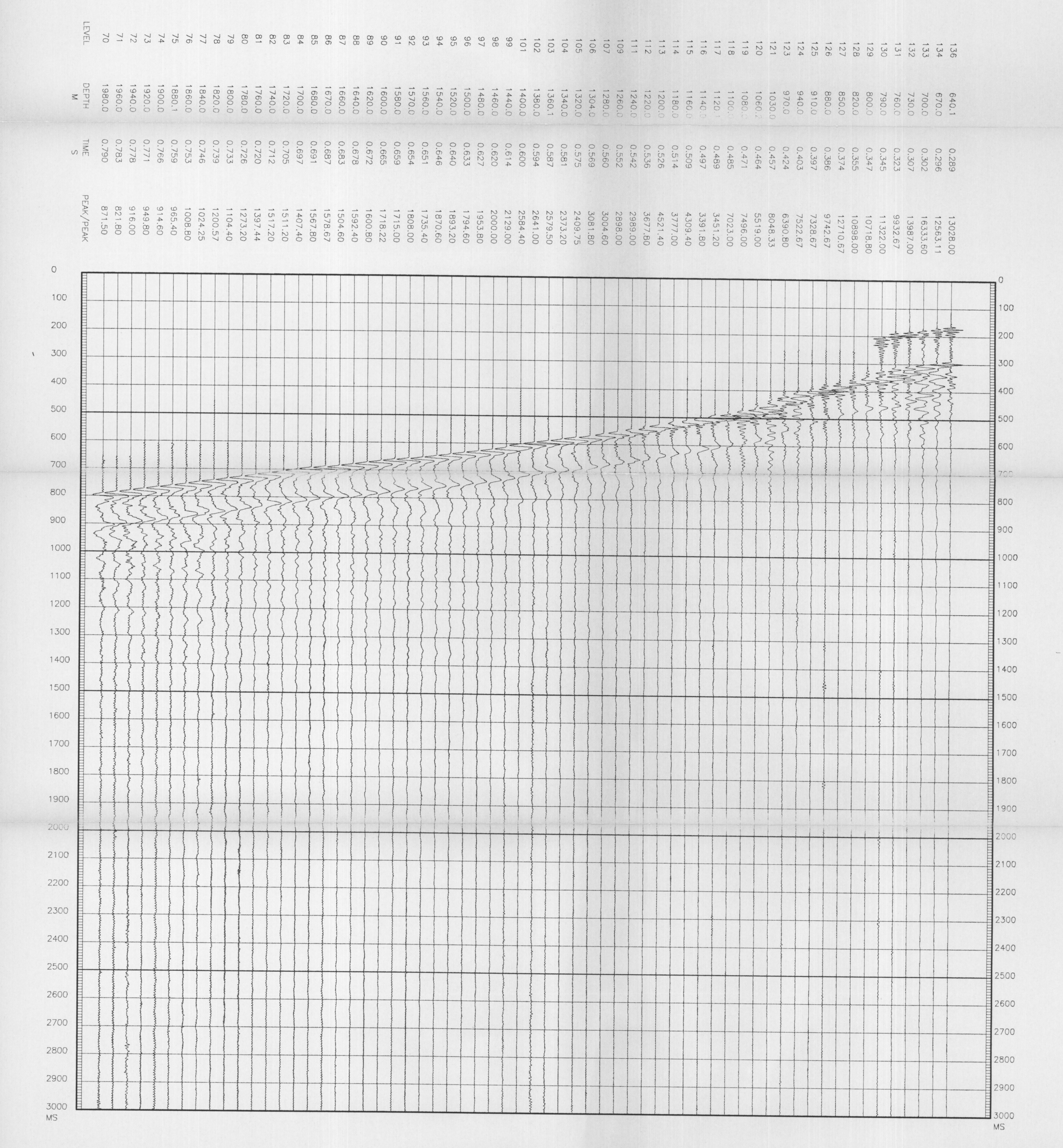
CLIENT : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

L1.STM*

PLOT 1.0
MEAN STACKED DATA.

CLIENT : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

STACKED AT COMPUTING CENTRE.
DEPTH REFERENCED TO KELLY BUSHING.
SHOTS WITH LOW SIGNAL/NOISE WERE ELIMINATED PRIOR TO STACKING.
TRACES DISPLAYED IN NORMAL POLARITY.
X-AXIS SCALE = 5IN/SEC.
Y-AXIS SCALE = LEVEL NUMBER.
5-100 HZ BAND PASS FILTER.



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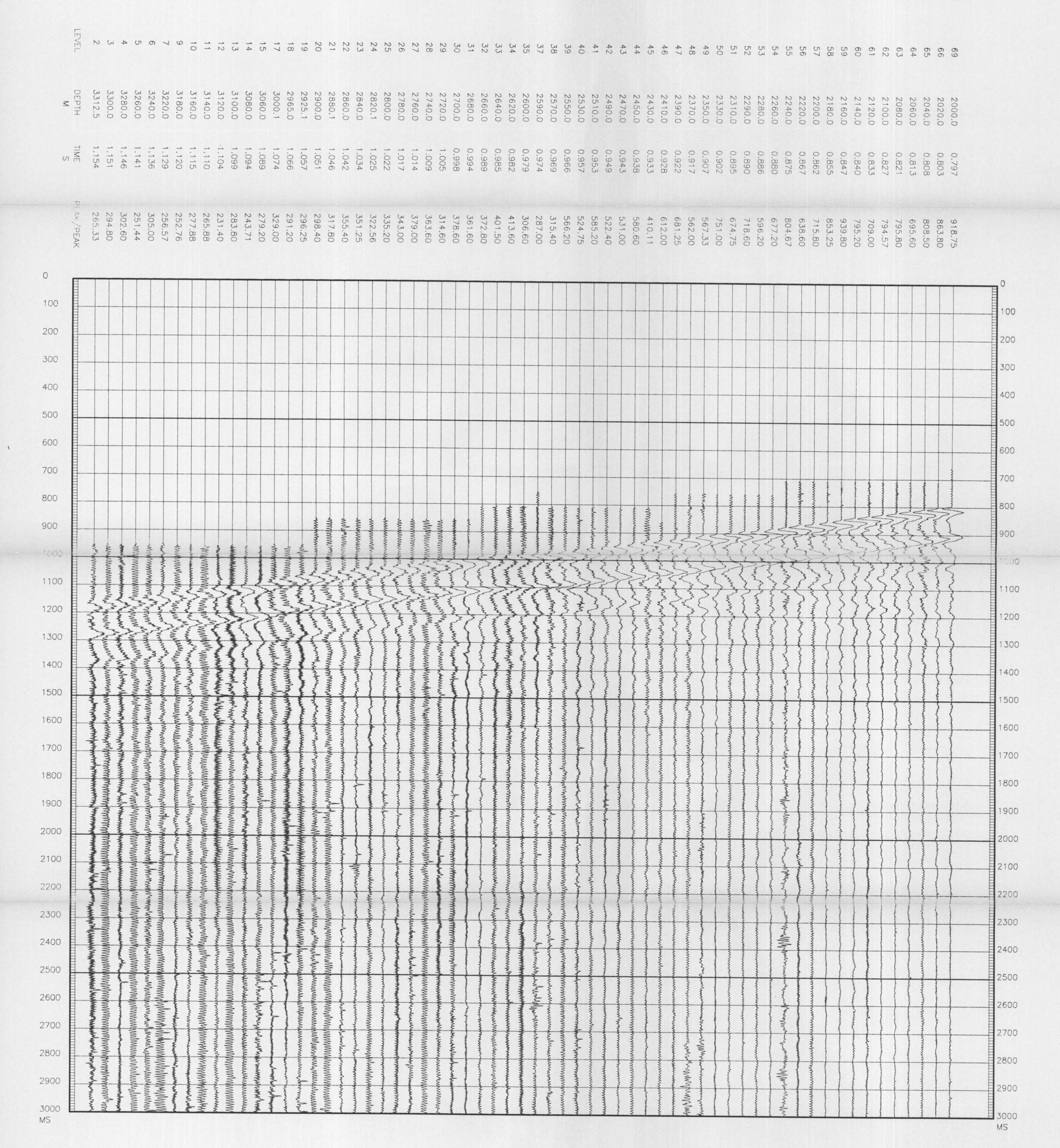
CLIENT : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

L1.STM*

PLOT 1.1
MEAN STACKED DATA.

CLIENT : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

STACKED AT COMPUTING CENTRE.
DEPTH REFERENCED TO KELLY BUSHING.
SHOTS WITH LOW SIGNAL/NOISE WERE ELIMINATED PRIOR TO STACKING.
TRACES DISPLAYED IN NORMAL POLARITY.
X-AXIS SCALE = 5IN/SEC.
Y-AXIS SCALE = LEVEL NUMBER.
5-100 HZ BAND PASS FILTER.



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CLIENT : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

L1.BPF.SPM*

L1.TAR.SPM*

2.0 BANDPASS FILTERED

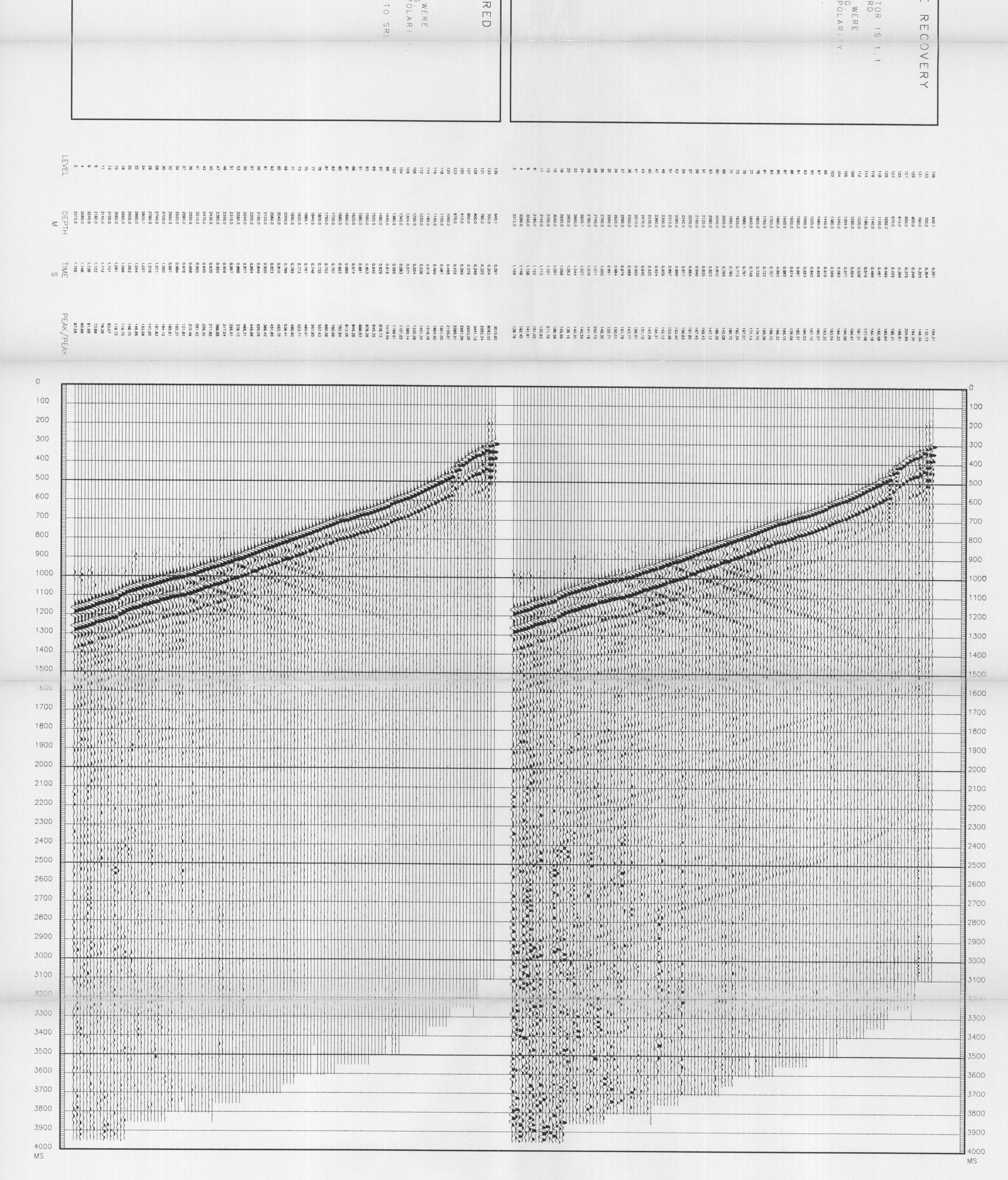
COMPANY : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

FILTER BANDWIDTH IS 14-50HZ.
DEPTH REFERENCED TO KB.
SHOTS WITH LOW SIGNAL/NOISE WERE ELIMINATED PRIOR TO STACKING.
TRACES DISPLAYED IN NORMAL POLARITY.
X-AXIS SCALE = 3.75IN/SEC.
Y-AXIS SCALE = LEVEL NUMBER.
FIRST BREAK TIMES CORRECTED TO SRD AND TO VERTICAL RAY PATH.

2.1 TRUE AMPLITUDE RECOVERY

COMPANY : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

TRUE AMPLITUDE RECOVERY FACTOR IS 1.1
DATA CORRECTED IN TIME TO SRD.
DEPTH REFERENCED TO KB.
SHOTS WITH LOW SIGNAL/NOISE WERE ELIMINATED PRIOR TO STACKING.
TRACES DISPLAYED IN NORMAL POLARITY.
X-AXIS SCALE = 3.75IN/SEC.
Y-AXIS SCALE = LEVEL NUMBER.



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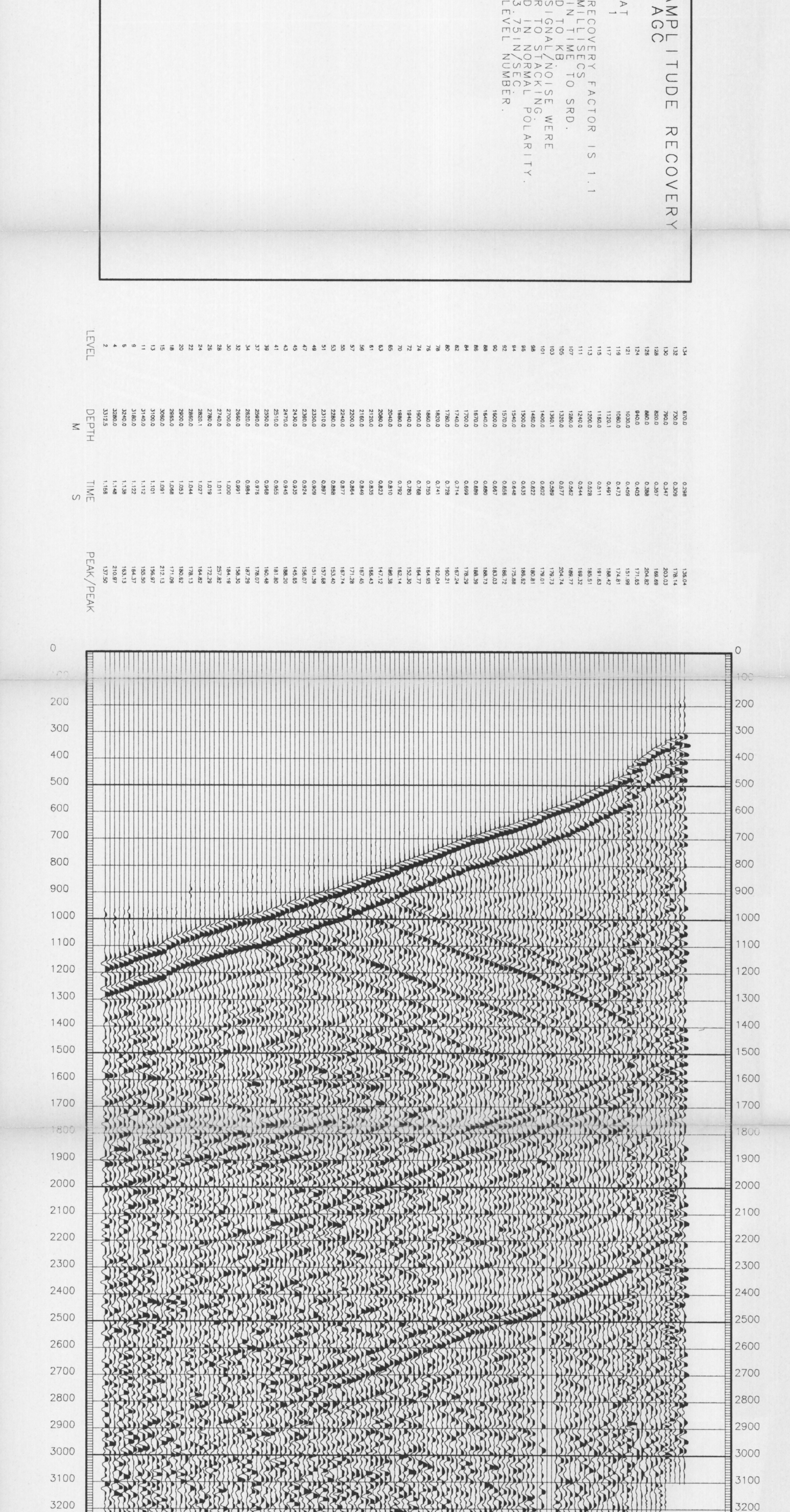
CLIENT : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

L1.AGD.SPM*

2.1 TRUE AMPLITUDE RECOVERY AFTER AGC

COMPANY : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

TRUE AMPLITUDE RECOVERY FACTOR IS 1.1
AGC WINDOW 400 MILLISECS
DATA CORRECTED IN TIME TO SRD.
DEPTH REFERENCED TO KB.
SHOTS WITH LOW SIGNAL/NOISE WERE ELIMINATED PRIOR TO STACKING.
TRACES DISPLAYED IN NORMAL POLARITY.
X-AXIS SCALE = 3.75IN/SEC.
Y-AXIS SCALE = LEVEL NUMBER.



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CLIENT : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

L1.VEL.UDF*

L1.VEL.DDF*

3.0 UPGOING EVENTS AFTER VELOCITY FILTER

COMPANY : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

9 LEVEL VELOCITY FILTER.
CORRECTED TO SRD IN TWO WAY TIME.
THIS PLOT COMPRISES OF UPGOING REFLECTION AND UPGOING MULTIPLE EVENTS.
TRACES DISPLAYED IN NORMAL POLARITY.
X-AXIS SCALE = 3.75IN/SEC
Y-AXIS SCALE = LEVEL NUMBER

3.1 DOWNGOING EVENTS AFTER VELOCITY FILTER

COMPANY : AMOCO
FIELD : WILDCAT
WELL : YOLLA 1

9 LEVEL VELOCITY FILTER.
CORRECTED TO SRD IN TWO WAY TIME.
THE DOWNGOING EVENTS HAVE BEEN ALIGNED AND SHIFTED TO AN ARBITRARY TIME ORIGIN OF 500MS
TRACES DISPLAYED IN NORMAL POLARITY.
X-AXIS SCALE = 3.75IN/SEC
Y-AXIS SCALE = LEVEL NUMBER