

SANTOS & PARTNERS

WELL NAME: MARTHA-1  
ZERO OFFSET VSP SURVEY

ENCLOSURE 2

SHOT BY BAKER ATLAS  
PROCESSED BY VSFUSION  
VSFUSION PROJECT CODE SNT03

01 NOVEMBER, 2004  
NOVEMBER, 2004

ACQUISITION INFORMATION

—CABLE—

ROTARY TABLE (RT) ELEVATION  
WATER DEPTH  
MINIMUM DEPTH (RT)  
MAXIMUM DEPTH (RT)

21.5 M ABOVE MSL  
54.66 M BELOW MSL  
75.0 M  
1785.0 M

—SOURCE—

ENERGY SOURCE  
NUMBER OF GUN  
TOTAL GUN VOLUME  
GUN DEPTH  
SOURCE DISTANCE FROM WELLHEAD  
SOURCE AZIMUTH FROM WELLHEAD

SLEEVE GUN ARRAY  
2 X 150 CU IN  
300 CU IN  
5.0 M BELOW MSL  
46.3 M  
328.0 DEG. N

—INSTRUMENTS—

RECORDING SYSTEM  
SAMPLING INTERVAL  
RECORD LENGTH  
DOWNHOLE RECEIVER TYPE  
ELECTRIC LOGGING COMPANY

SA2D  
1 MS  
4.0 SECONDS  
AWS 1300 GM  
BAKER ATLAS

PROCESSING SEQUENCE

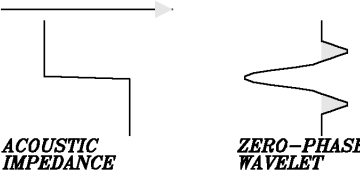
1. RAW DATA EDIT AND STACKING
2. GEOMETRY SURVEY APPLIED
3. FIRST BREAK/FIRST TIME ARRIVAL PICKING

COMMENTS

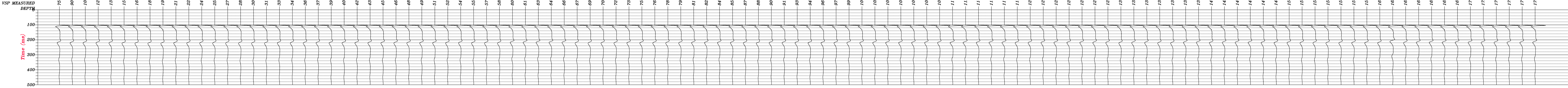
SEISMIC REFERENCE DATUM IS MSL  
REPLACEMENT VELOCITY = 1524 M/SEC.  
VERTICAL TIME SCALE IS 10 INCH/SEC.

DISPLAY CONVENTION

NORMAL POLARITY  
AN INCREASE IN ACOUSTIC IMPEDANCE  
IS DISPLAYED AS A TROUGH



HYDROPHONE (SIGNATURE) STACKED DATA  
(ALIGNED AT 100 MS)



GEOPHONE STACKED DATA  
VERTICAL COMPONENT

