

SANTOS & PARTNERS

WELL NAME: MARTHA-1
ZERO OFFSET VSP SURVEY

ENCLOSURE 1B

WELLBORE & SOURCE-RECEIVERS GEOMETRY

SHOT BY BAKER ATLAS
PROCESSED BY VSFUSION
VSFUSION PROJECT CODE SNT03

01 NOVEMBER, 2004
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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 = 1500 M/SEC.
VERTICAL DEPTH SCALE 125 M/INCH.

