

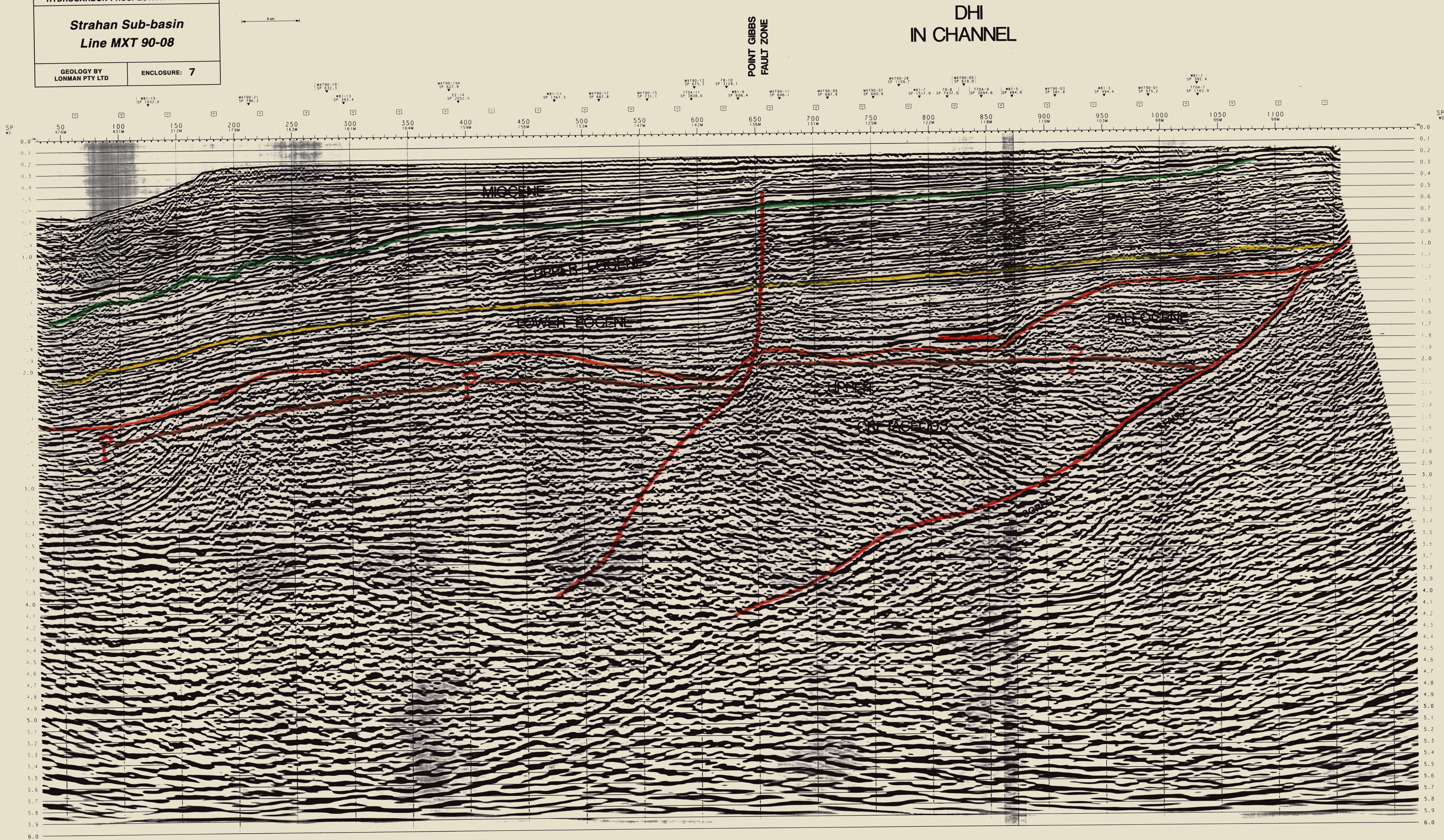
TASMANIA
DEVELOPMENT AND RESOURCES

WEST COAST TASMANIA
HYDROCARBON PROSPECTIVITY REPORT

Strahan Sub-basin
Line MXT 90-08

GEOLOGY BY
LONMAN PTY LTD

ENCLOSURE: 7



LINE: MXT90-08
 SHOT PTS. 1143 - 25
 1X7500% TVF
 RPF MIGRATION
 POSITIVE POLARITY

SOUTHWEST

MAXUS
ENERGY CORPORATION

AREA: OFFSHORE TASMANIA
 PROSPECT: T/24P
 DALLAS DIGITAL CENTER: JOB # 6727
 PROCESSING DATE: MARCH, 1993
 DATUM PLANE: SEA LEVEL
 APPROVED BY:

RECORDING INFORMATION:
 RECORDED FOR: MAXUS ENERGY CORP.
 ACQUISITION BY: HALLIBURTON
 VESSEL: WY MAGNIFICENT CREEK
 DATE: NOVEMBER, 1990
SOURCE:
 ENERGY SOURCE: AIRGUN ARRAY
 TOTAL GUN VOLUME: 2180 CU IN
 GUN PRESSURE: 2000 PSI
 SHOTPOINT INTERVAL: 25 M
 SOURCE TO NW POINT: NOT AVAILABLE
INSTRUMENTS:
 SYSTEM: CITAN 1000
 FILTER: 80 HZ - 180 HZ
 SAMPLING INTERVAL: 4 MS
 RECORD LENGTH: 300
 FORMAT: SEG-D 316 CHANNEL
CABLE:
 TYPE OF CABLE: STREAMER
 CABLE LENGTH: 3750 M
 CABLE DEPTH: 10 M
 LEAD IN: 150 M
 GROUP INTERVAL: 0.25 S
 NO. GROUPS RECORDED: 300

W

WESTERN
GEO-PHYSICAL

PROCESSING SEQUENCE:
 1. SEG-D CONVERT: 4 MS
 PROCESS SAMPLE RATE: 250 HZ
 PROCESS RECORD LENGTH: 5.144 SEC
 NO. OF TRACES PROCESSED: 300
 2. PREPROCESSING:
 TRACE EDITING
 GEOMETRIC CORRECTION
 SPHERICAL SPREADING CORRECTION
 3. VELOCITY ANALYSIS: VELAN (10M SPACING)
 4. BEAM STEERING: 1-2-1 SUM, WAVE 2
 5. DECONVOLUTION:
 TYPE: SHOT/OFFSET CONSISTENT
 PREDICTIVE DISTANCE: 120 M
 OPERATOR LENGTH: 240 MS
 NUMBER OF WINDOWS: 10
 PREWHITENING: 0.012
 6. VELOCITY ANALYSIS: VELAN (10M SPACING)
 7. 3800Z OPTIMUM FOLD REDUCTION
 TYPE: EQUAL MOVEOUT BINS
 8. F-K DEMULTIPLE:
 TYPE: PASS POS AND ZERO DIPS
 9. DIP MOVEOUT CORRECTION
 COMMON OFFSETS TO 3800Z
 10. VELOCITY ANALYSIS: VELAN (10M SPACING)
 11. 3800Z MOVEOUT AND STACK
 12. DECONVOLUTION AFTER STACK:
 TYPE: PREDICTIVE
 PREDICTIVE DISTANCE: 120 M
 OPERATOR LENGTH: 240 MS
 NUMBER OF WINDOWS: 10
 PREWHITENING: 0.012
 13. RANDOM NOISE ATTENUATION
 14. STOLT MIGRATION: V=1430 M/S
 15. RESIDUAL FD MIGRATION: 130Z STACKING VELOCITIES
 16. PARALLEL PREDICTIVE FILTER
 17. TIME VARIANT FILTER:
 ME ZONE: LOW CUT: HIGH CUT:
 SEC: 0.10 SEC: 0.20 SEC:
 18. GRIM: BLENDED 1.2 PASS, TRACE EQUALIZATION

150 M
3750 M

VELOCITY ANALYSIS
INTERSECTIONS
WATER DEPTH

DISPLAY:
 HORIZONTAL SCALE: 20 TRACES PER CENTIMETER
 VERTICAL SCALE: 10 CENTIMETERS PER SECOND
 PLOTTING GAIN: POSTURE NUMBER - BLACK PEAK
 PLATINUM POLARITY:

NOTATIONS:
 FIELD POLARITY CONVENTION:
 COMPRESSION PULSE IS A NEGATIVE NUMBER
 SP LOCATION AT GUN POSITION
 DATA CORRECTED TO SEA LEVEL (-39 MS TOTAL SHIFT)

