

LINE P81-GE-13
VP. 101-483

MAGELLAN PETROLEUM AUSTRALIA LTD
TARAWARRA SURVEY
OP 178, AMADEUS BASIN, N.T.

PRE-STK MIGRATION/DMO STK

FIELD DATA

DATA COLLECTED BY: G.S.I. PARTY 1988
INSTRUMENTS: DS 4 V
RECORDING POLARITY: S.E.S. NORMAL
DIGITAL RECORDING: CASE HOTTON RECORDED AS NEG. NUMBERS)
RECORD LENGTH: 16 SEC SHEET, 4 SEC LISTEN
EXTD 24 SEC SHEET, 4 SEC LISTEN
SAMPLE RATE: 12800
NUMBER OF TRACES: 48
SHEETS: 175 - 175 - 1325

LEADING TRACE: 48
DATE RECORDED: JUNE 1988 AND MARCH 1982
SOURCE ARRAY: 12H PAD TO PAD 32 H ARRAY
SHEEP: (EXTD FOR H. ARKAZ LINEAR
0.7 SEC COSINE TAPER
BEFORE GROUPS)

RECEIVER DATA: SUEEP
VP. INTERVAL: 100 M
GEOPHONIC ANGLE: 24 METERS (EN. LINE)
SPREAD TYPE: GAP SPLIT
STATION INTERVAL: 10 METERS
SOURCE INTERVAL: 10 METERS

DIGITAL PROCESSING

FIELD TAP TRANSLATION: TO TRFX FORMAT
CONVERSION TO HINUMIN PHASE: DEGRABLE VI DIFFERENT OPERATOR FOR EACH VINTAGE
TRUE AMPLITUDE RECOVERY: ALPHA = 4 DB/SEC. 12 * 4.0 SEC
PRE-DECONVOLUTION MUTE
VELOCITY FILTERING: SHOT DOMAIN F.K. FILTERING
DESIGNATURE: F.X. MULTICHANNEL DECONVOLUTION
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BRUTE STACK: MODE: DIVERSITY POWER
RESIDUAL STATIC ANALYSIS: SURFACE REFERENCED VELOCITIES AT 2 KM
VELOCITY ANALYSIS: HYPERBOLIC (C(2)/STACOMP (V2)
SURFACE REFERENCED VELOCITIES AT 1 KM
PRE STACK MUTE: 0.75 MS * 225 M * 199 MS * 325 M *
NORMAL MOVEOUT CORRECTION: AS ANNOTATED ON FINAL STACK HEADER
APPLICATION OF DATUM AND RESIDUAL STATICS PRE-AND
COMMON OFFSET GATHERING: REM STATICS POS-NMO

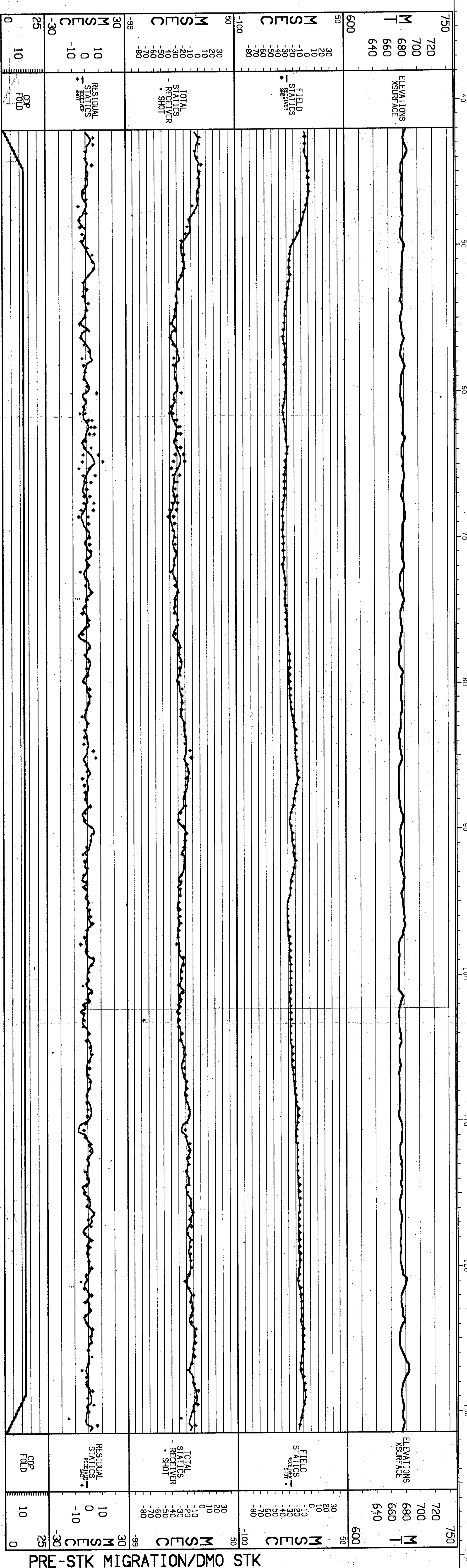
DISPLAY

HORIZONTAL SCALE: 10.000 TR/CM 40.000 TR/KM
VERTICAL SCALE: 10.000 CH/SEC
TRACE TYPE: BIAS: 0 PERCENT
DIP DISPLAY UNIT: 689 H/AS/CH
NOTE: NEGATIVE NUMBERS ARE PLOTTED AS TROUSERS

DISPLAY GAIN

VIEW	100
LINE	100
AMP	100
DB	100

36 AUG 1987
06 13:46
GEOPHYSICAL SERVICE INC.
A DIVISION OF TEXAS INSTRUMENTS LTD)
PARTY 4655
SYNTH. LAND
SEISMIC DATA PROCESSING UNIT
USFDMOBPHIGB101 20 TVS8748P 0011 20 FRAME 001 OF 002



STATION	TIME	AMP	PHASE	VELOCITY	DEPTH	ANOMALY
469	1.42	1.42	1.42	1.42	1.42	1.42
449	1.42	1.42	1.42	1.42	1.42	1.42
429	1.42	1.42	1.42	1.42	1.42	1.42
409	1.42	1.42	1.42	1.42	1.42	1.42
381	1.42	1.42	1.42	1.42	1.42	1.42
361	1.42	1.42	1.42	1.42	1.42	1.42
341	1.42	1.42	1.42	1.42	1.42	1.42
321	1.42	1.42	1.42	1.42	1.42	1.42
301	1.42	1.42	1.42	1.42	1.42	1.42
281	1.42	1.42	1.42	1.42	1.42	1.42
261	1.42	1.42	1.42	1.42	1.42	1.42
241	1.42	1.42	1.42	1.42	1.42	1.42
221	1.42	1.42	1.42	1.42	1.42	1.42
201	1.42	1.42	1.42	1.42	1.42	1.42
181	1.42	1.42	1.42	1.42	1.42	1.42
161	1.42	1.42	1.42	1.42	1.42	1.42
141	1.42	1.42	1.42	1.42	1.42	1.42
121	1.42	1.42	1.42	1.42	1.42	1.42
110	1.42	1.42	1.42	1.42	1.42	1.42

