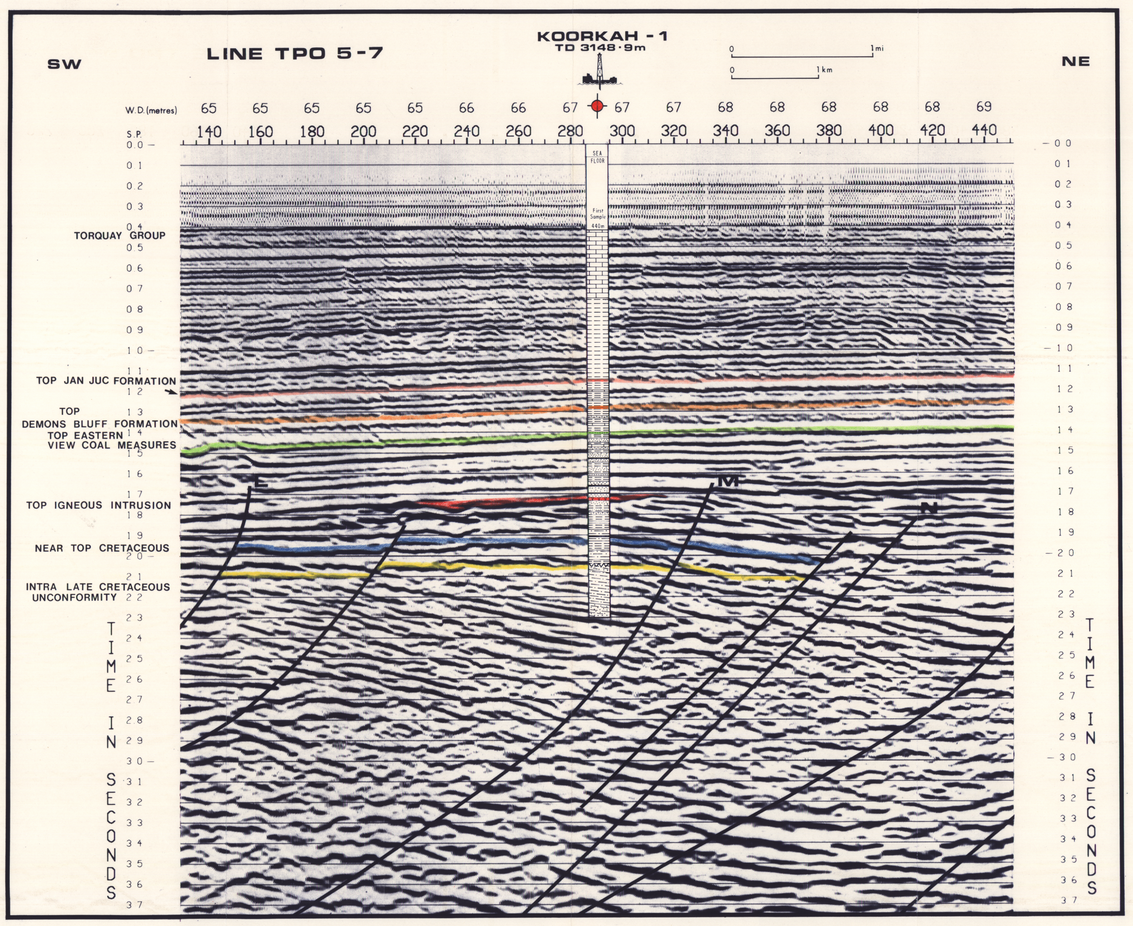


SEISMIC HORIZONS

FORMATION TOPS	DEPTH (KB) (metres)	TWT (SEC)
TORQUAY GROUP	89·9	0·09
JAN JUC	1240	1·139
DEMONS BLUFF	1421·5	1·286
EASTERN VIEW	1605	1·415
IGNEOUS INTRUSION	2092	1·721

AGE	DEPTH (KB) (metres)	TWT (SEC)
TOP LATE EOCENE	1420	1·285
TOP PALEOCENE	2240	1·802
NEAR TOP CRETACEOUS	2469	1·934
INTRA LATE CRETACEOUS UNCONFORMITY	2690	2·056

LINE TP05-7

AMOCO AUSTRALIA PETROLEUM COMPANY
PERMIT T-18P
1985A AMOCO BASS BASIN SURVEY

53 DEGREES — DIRECTION SHOT

MIGRATION

FIELD DATA

DATA SHOT BY	G.S.I. PARTY 2931 M.V. EUGENE MCDERMOTT II
DATE SHOT	MAY 1985
RECORDING INSTRUMENTS	TRACE SEQUENTIAL RECORDER
RECORDING FILTERS	HIGH CUT FILTER AND SLOPE 128 HZ • 72 DB/OCTAVE LOW CUT FILTER AND SLOPE 8 HZ • 18 DB/OCTAVE
RECORDING POLARITY	A POSITIVE PRESSURE AT THE HYDROPHONE PRODUCES A POSITIVE NUMBER ON TAPE
DIGITAL TAPE FORMAT	SEG D 6250 BPI PHASE ENCODED
RECORD LENGTH / SAMPLE RATE	6.0 SECONDS AT 2 MILLISECOND SAMPLE RATE
ENERGY SOURCE	4075 CU. IN. AIRGUN ARRAY OPERATING AT 2000 PSI
GUN DELAY	51.2 MILLISECONDS
SOURCE DEPTH	10 METRES AVERAGE
SOURCE TO ANTENNA DISTANCE	62 METRES
SHOTPOINT INTERVAL	30 METRES 1 POP PER SHOT POINT
SHOTPOINT ANNOTATION	SHOTPOINTS ANNOTATED AT SOURCE POSITION
STREAMER LENGTH	3600 METRES 240 GROUPS METRE GROUP INTERVAL
STREAMER TYPE	G.S.I. MULTIPLEXOR STREAMER
STREAMER DEPTH	13 METRES AVERAGE
HYDROPHONES	40 PER GROUP
COVERAGE	60 FOLD 240 TRACE
PRIMARY NAVIGATION SYSTEM	MAXIRAN
BACKUP NAVIGATION SYSTEM	GEONAV

SPREAD DIAGRAM

3585 M

240 GEOPHONE GROUPS

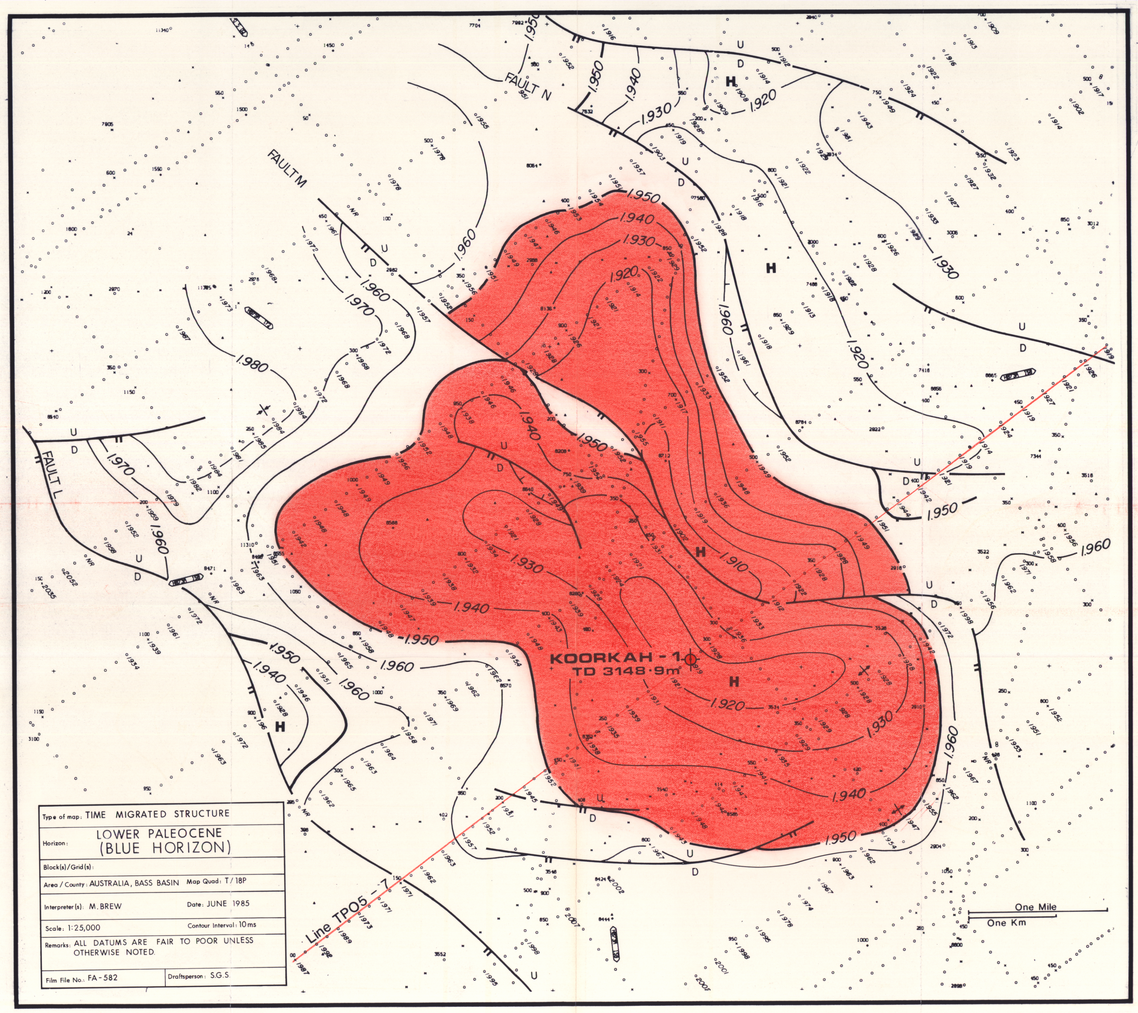
DIGITAL PROCESSING

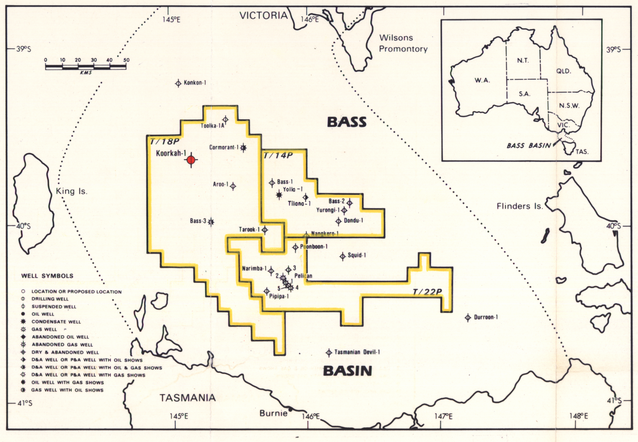
POLARITY CONVENTION	- THE POLARITY OF THE FIELD RECORDING WAS MAINTAINED THROUGHOUT PROCESSING AND DISPLAY
PROCESSING RECORD LENGTH	- 6.0 SECONDS
RESAMPLE	- MINIMUM PHASE RESAMPLE FROM 2 TO 4 MSEC
PROCESSING SAMPLE PERIOD	- 4 MILLISECONDS
STATIC CORRECTIONS	- AIRGUN DELAY 51.2 MSEC
ADJACENT TRACE SUM	- ADJACENT FIELD TRACES SUMMED 2 ON 1
AMPLITUDE RECOVERY(TAR)	- 4.0 DB PER SECOND FROM 0 TO 4.0 SECONDS. SPHERICAL DIVERGENCE CORRECTIONS APPLIED
PRE DECONVOLUTION MUTE	- RAMP LENGTH 96 MSECS OFFSET(METRES) 386 676 3971 START TIME(MSECS) 0 850 3000
DECONVOLUTION	- 1 X 240 MSEC ACTIVE FILTER LENGTH - NO GAP DESIGN GATES (25 PERCENT OVERLAP) OFFSET(METRES) 386 3971 START TIME(MSECS) 200 3500 END TIME(MSECS) 4000 6000
60 FOLD STACK	- 60 FOLD 6 SECONDS 4 MSEC
VELOCITY ANALYSIS	- USING 9 DEPTH POINT VELSCAN ANALYSES LOCATED EVERY 4 KMS TO DETERMINE DEMULT FUNCTION
DEMULTIPLE	- HORIZONTAL CUT-OFF VELOCITY IN FK PLANE 6700± METRES/SECOND
VELOCITY ANALYSIS	- USING 9 DEPTH POINT VELSCAN ANALYSES LOCATED EVERY 2 KMS TO DETERMINE STACKING FUNCTION
STATIC CORRECTIONS	- SHOT & STREAMER STATIC CORRECTIONS 12 MSEC
NORMAL MOVEOUT CORRECTION	- USING ANNOTATED VELOCITIES
"RMS" BREAK SUPPRESSION	- RAMP LENGTH 96 MSECS +/- OFFSET(METRES) 386 676 3971 START TIME(MSECS) 0 800 3100
RESIDUAL TRACE MUTING	- RAMP LENGTH 96 MSECS OFFSET(METRES) 386 1282 1283 START TIME(MSECS) 100 100 100 END TIME(MSECS) 1200 2800 6000
COMMON DEPTH POINT STACK	- 60 FOLD CDP STACK
MIGRATION V·T	- KIRCHHOFF WAVE EQUATION MIGRATION IN FK DOMAIN WITH DIP LIMIT 40 DEGREES USING ANNOTATED VELOCITIES 100 PERCENT 0-2 SECONDS 90 PERCENT 3-6 SECONDS
TIME VARIANT FILTERING	FREQUENCY (HZ) TIME (MSEC) 10 - 55 0 8 - 10 2000 6 - 25 4000 5 - 20 6000
TIME VARIANT SCALING	- DIGITAL GAIN CONTROL SCALING 1000 MSEC GATE

DISPLAY

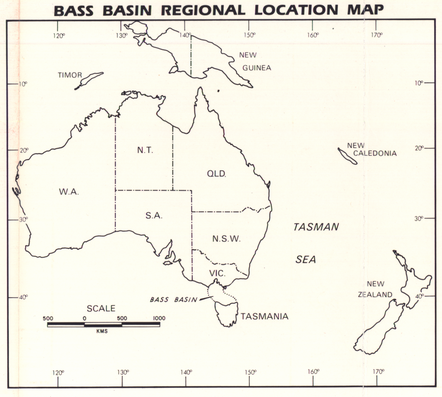
HORIZONTAL SCALE	42 670000	TR/IN	66 666657	TR/KM
VERTICAL SCALE	3 750000	IN / SEC		
POLARITY	NORMAL			
TRACE TYPE BIAS	VAR	5 0 PERCENT		
DATUM	SEA LEVEL			
DISPLAY UNIT	0 697704 CM			

DISPLAY GAIN





BASS BASIN REGIONAL LOCATION MAP



AMOCO

27716S

Amoco Australia Petroleum Company

CONFIDENTIAL CLASS 1

Bass Basin, Tasmania

T/18P XU8628=2

KOORKAH - 1 MONTAGE

Report No.	ENCLOSURE 1	Author WLW / MB / RGM	
Date MAY, 1986	Scale	Drfts'm. LM	Drwg. No. FU-200

5 cm

OR-286