

OR-208
Figure 5
 LINE PB82-25
 S.P. 61-617

223076

WEST
 DIRECTION OF SHOOTING

AGC-STACK

**WEAVER OIL & GAS
 BASS BASIN
 PERMIT T-19-P**

	DATE PROCESSED	MAY 1982
	REEL NUMBER	4354
	CONTRACT NUMBER	4805

FIELD RECORDING		
RECORDED BY	WESTERN GEOPHYSICAL	
DATE	FEBRUARY 1982	SYSTEM DFSV
FORMAT	SEG B	GAIN 36 DB
ENERGY SOURCE	AIR GUNS 760 CU. INS. 4500 PSI.	
TYPE	10 GUNS	DEPTH 6 METERS
STREAMER	LENGTH 2375 METERS NO. TRACES 96	
DEPTH	40FT	GROUP INTERVAL 25 METERS
ARRAY	20	GEOPH/TR OVER 25 METERS
PARAMETERS		
RECORDING FOLD	4800%	S.P. SPACING 25 METERS
SAMPLE INTERVAL	2 MS	RECORD LENGTH 5 SECONDS
RECORDING FILTER	OUT - 128HZ @ 700B/OCTAVE	

DIGITAL PROCESSING		
SEQ	PROCESS	PARAMETERS
1	DEMULTIPLIX	BINARY GAIN RECOVERY OUTPUT 4 MS
2	GAIN	AMPLITUDE RECOVERY
3	CDP TRACE GATHER	4800%/ADJACENT TRACE SUM
4	PRE-FILTER	SEE BELOW
5	DECONVOLUTION	SEE BELOW
6	VELOCITY ANALYSIS	CORRECTED VELOCITY STACK OVER 6 COPS
7	NMO MUTE	NORMAL NMO MUTE APPLICATION
8	CDP STACK	4800%
9	FILTER	SEE BELOW
10	EQUALIZATION	DATA DEPENDENT

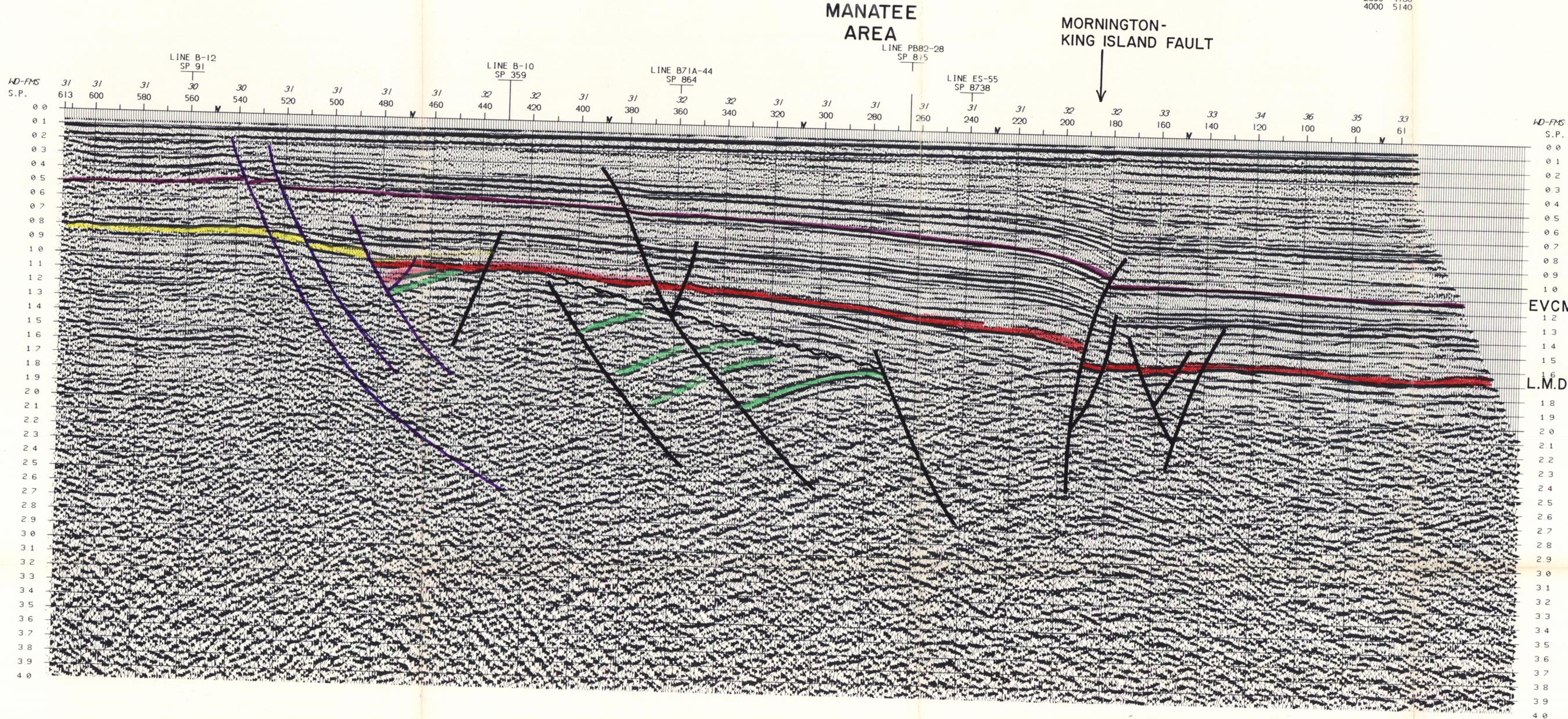
DECON	OPERATOR LENGTH	PREDICTIVE GAP	DERIVATION MICROSECS	APPLICATION MICROSECS
5	180	32	0 TO 3500	RECORD LENGTH

FILTER	CUT OFF POINT	dB	CUT OFF POINT	dB	APPLICATION TIMES FOR SHOTPOINTS SPECIFIED
9	12	15	35	66	2500 OVERLAP
	4	6	32	60	3500-6000
4	4	6	56	66	RECORD LENGTH

ALL TIMES IN HELLIS RECORDS ALL PRIORITIES IN HERTZ
 FILTERS INTERPOLATED LINEARLY BETWEEN APPLICATION TIMES
 APPLICATION TIMES INTERPOLATED LINEARLY BETWEEN SHOTPOINTS
 *OPERATOR LENGTH GIVEN IS ACTIVE LENGTH ADD GAP FOR TOTAL LENGTH

SAMPLE RATE: 4MS; DATUM CORRECTION: 13 MS
 SCALES: HORIZONTAL 24 TR/IN VERTICAL 2.5 IN/SEC
 RECORDING POLARITY: NEG. VALUE EQUALS PRESSURE INCREASE
 PROCESSING POLARITY: POSITIVE NO. GIVES BLACK PEAK

SP 549	SP 469	SP 389	SP 309	SP 229	SP 149	SP 69
TIME VRMS						
0 1490	0 1490	0 1490	0 1490	0 1490	0 1490	0 1490
100 1490	100 1490	100 1490	100 1490	100 1490	100 1490	100 1490
550 1700	500 1780	450 1780	500 1860	600 1860	800 1940	100 1490
1400 2340	900 2180	1200 2500	1500 2580	1400 2500	1450 2340	800 1860
2100 2820	1600 2820	1900 3380	2200 3380	2100 3220	2100 2820	1100 2180
2700 3860	2500 3860	2700 4340	3000 4340	2900 4340	2800 3860	1800 2500
4000 5140	4000 5140	4000 5140	4000 5140	4000 5140	4000 5140	2250 3220
						2800 4180
						4000 5140



5 cm