TNK4-87

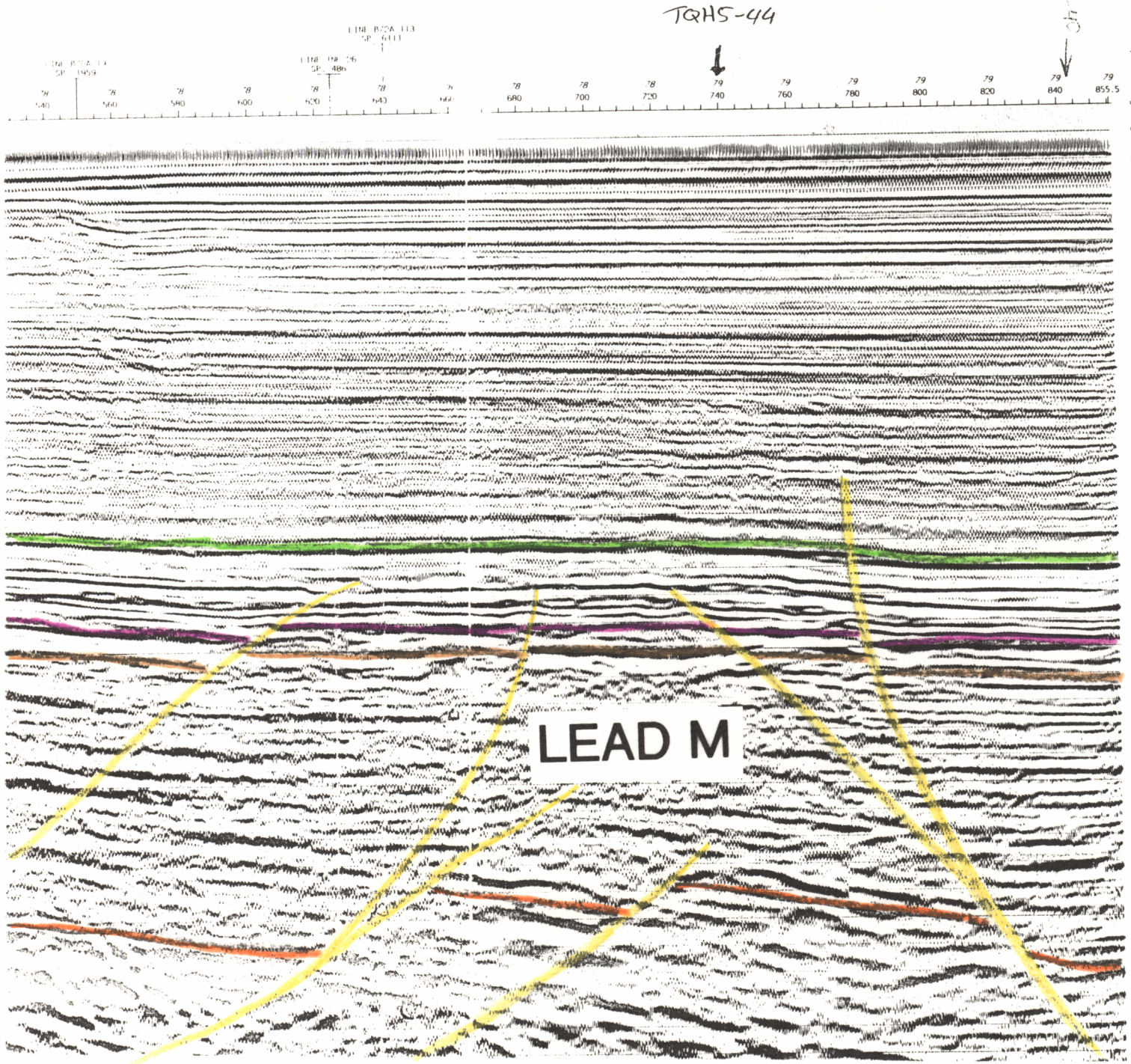
5 cm

471099

LINE TNK4-87
S.P. 1 863

N.E.
DIRECTION OF SHOOTING

FIGURE 44
6000% MIGRATION



AMOCO PRODUCTION CO (INTL)
BASS BASIN
AUSTRALIA

GeoCenter
Houston, Texas

DATE PROCESSED APR. 1985
REEL NUMBER 9934
CONTRACT NUMBER 5640

FIELD RECORDING

RECORDED BY G.S.I. PARTY 2931 M/V EUGENE MCDERMOTT II
DATE NOV 1984 SYSTEM TSR 001
FORMAT SEGD GAIN IFP

ENERGY SOURCE

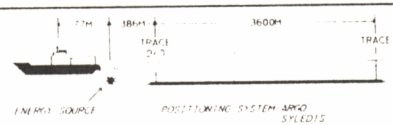
TYPE AIRGUN 4075 CU IN PRESSURE 1900 PSI
ARRAY 20 GUNS OVER 20M DEPTH 10M

STREAMER

LENGTH 3600M NO. TRACES 240
DEPTH 13M GROUP INTERVAL 15M
ARRAY GEOPH/TR OVER

PARAMETERS

RECORDING FOLD 60 S.P. SPACING 30M
SAMPLE INTERVAL 2MS RECORD LENGTH 6SECONDS
RECORDING FILTER HI-CUT 128HZ@72DB LO-CUT 8HZ@ 18DB



DIGITAL PROCESSING

SEQ	PROCESS	PARAMETERS
1	REFORMAT	0-P 8SEC @ 4MS
2	SUM	ADJ TR SUM
3	STATIC	AIRGUN + STREAMER DELAY
4	CDP SORT	6000% CDP TR GATHER
5	EQUALIZATION	500MS AGC
6	DECONVOLUTION	SEE BELOW
7	VELOCITY ANALYSIS	1 PER 2KM CVS OVER 8 ADJ CDP
8	F-K FILTER	F-K MULTIPLE SUPPRESSION
9	VELOCITY ANALYSIS	1 PER 2KM CVS OVER 8 ADJ CDP
10	NMO MUTE	
11	CDP STACK	6000% STACK
12	FK MIGRATION	100% VELOCITY 0-2SEC 90% VELOCITY 2SEC-8SEC
13	FILTER	SEE BELOW
14	EQUALIZATION	500MS AGC

DECON	OPERATOR LENGTH	PREDICTION LAG	OPERATOR GENERATION WINDOW	APPLICATION WINDOW
	2	1	TRACE LENGTH	WINDOW LENGTH
			AUTO	WINDOW START
				WINDOW END

FILTER	CUT OFF	%	%	CUT OFF	APPLICATION TIMES FOR SHOTPOINTS SPECIFIED