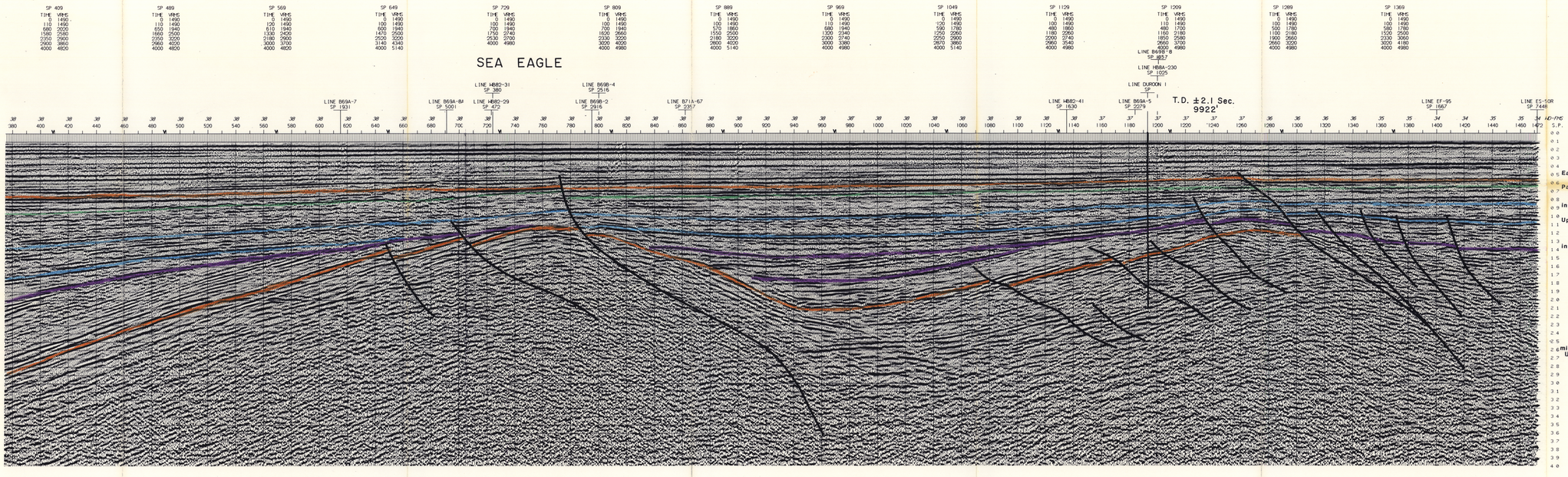


LINE WB82-32
S.P. 1-1476
S.E.
DIRECTION OF SHOOTING

AGC-STACK

T-15-P

WEAVER OIL & GAS
BASS BASIN
PERMIT T-16-P

GeoCenter
Houston, Inc.

DATE PROCESSED FEB/ 1982
REEL NUMBER 8358
CONTRACT NUMBER 4805

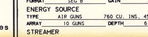
FIELD RECORDING

RECORDED BY WESTERN GEOPHYSICAL
DATE FEBRUARY 1982 SYSTEM DFSV
FORMAT SEG B GAIN 36 DB

ENERGY SOURCE
TYPE AIR GUNS 766 CU. INS. 4500 PSI
ARRAY 10 GUNS DEPTH 6 METERS

STREAMER
LENGTH 2375 METERS NO. TRACES 96
DEPTH 46 FT GROUP INTERVAL 25 METERS
ARRAY 20 GEOPH/TR OVER 25 METERS

PARAMETERS
RECORDING FOLD 480% S.P. SPACING 25 METERS
SAMPLE INTERVAL 2 MS RECORD LENGTH 5 SECONDS
RECORDING FILTER OUT - 128HZ @ 72DB/OCTAVE



DIGITAL PROCESSING

SEQ	PROCESS	PARAMETERS
1	DEMULTIPLEX	DUMMY DATA RECORDED - OUTPUT - 2 MS
2	GAIN	AMPLITUDE RECOVERY
3	CMP TRACE GATHER	MERGE/ADJUSTMENT TRACE SUM
4	DECONVOLUTION	SEE BELOW
5	DECONVOLUTION	SEE BELOW
6	VELOCITY ANALYSIS	CONSTANT VELOCITY STACK OVER 8 CDP'S
7	MID-MUTE	NORMAL MOVEOUT MUTE APPLICATION
8	CMP STACK	NORMAL
9	FILTER	SEE BELOW
10	SCALIZATION	DATA DEPENDENT

DECON	OPERATOR LENGTH (MS)	PREDICTION DISTANCE (MS)	OBSERVATION WINDOW (SECONDS)	APPLICATION TIMES PER SHOTPOINT
5	160	30	2.75 2000	RECORD LENGTH

FILTER	OPT. TIME (MS)	OPT. TIME (MS)	OPT. TIME (MS)	OPT. TIME (MS)	APPLICATION TIMES PER SHOTPOINT SPECIFIED
9	0	4	10	18	2000 (SHALLOW)
	0	4	10	18	4000 (DEEP)
4	4	8	14	26	RECORD LENGTH

ALL TIMES ON WILLIGRAMS ALL PRESENTED IN MSFT
APPLICATION TIMES INTERPOLATED LINEARLY BETWEEN SHOTPOINTS
APPLICATION TIMES INTERPOLATED LINEARLY BETWEEN SHOTPOINTS
*OPERATOR LENGTH OVER 12 ACTIVE LENGTH - NOT SUP 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

Enclosure Line 6

213146 T/SP Part II

5 cm

CR-198 VOL(B)