

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 1 COURSE 315°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>234 / 22 Aug 1991</u>	<u>234 / 22 Aug</u>	
TIME(Z)	<u>1227.0</u>	<u>1533.0</u>	
LATITUDE	<u>27° 06.5470 (GPS)</u>	<u>27° 18.29 N</u>	
LONGITUDE	<u>95° 36.8451 (GPS)</u>	<u>95° 50.05 W</u>	
SHOTPOINT	<u>1</u>	<u>1100</u>	<u>1100</u>
REC NUM	<u>1</u>	<u>1100</u>	<u>1100</u>
TAPE NUM	<u>1</u>	<u>1</u>	<u>1</u>
WATER DEPTH	<u>(632m) 1185m</u>	<u>697.5m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	<u>MAX</u>	<u>SAMP RATE (MSEC) 2</u>
SHOOTING BY TIME	<u>✓</u>	<u>DISTANCE</u>	
REP RATE (SEC)	<u>10</u>	<u>(M)</u>	<u>FOLD(NOMINAL) 4</u>
SEIS TRACES	<u>4</u>	<u>AUX TRACES</u>	<u>PROBLEM TRACES</u>
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)	<u>~186</u>		
DISTANCE TO FAR TRACE (M)	<u>~199</u>		
SOURCE INFO	<u>GI gun 2 75 cu. in chambers</u>		
NAVIGATION SYSTEM INFO	<u>LORAN C NorthStar 6000 (GPS also rec.)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 2 COURSE 100
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>234/22 Aug '91</u>	<u>234/22 Aug 91</u>	
TIME(Z)	<u>1533.0</u>	<u>1650</u>	
LATITUDE	<u>27° 18.29 N</u>	<u>27° 16.77 N</u>	
LONGITUDE	<u>95° 50.05 W</u>	<u>95 41.63 W</u>	
SHOTPOINT	<u>1100</u>	<u>1574</u>	
REC NUM	<u>1100</u>	<u>1574</u>	
TAPE NUM	<u>1</u>	<u>1</u>	
WATER DEPTH	<u>697.5 m</u>		
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES <u>0</u>	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)	<u>~ 186</u>		
DISTANCE TO FAR TRACE (M)	<u>~ 205</u>		
SOURCE INFO	<u>GI air gun 2 75mm chambers</u>		
NAVIGATION SYSTEM INFO	<u>Northstar 6000 LORAN C + GPS</u>		
<u>COMMENTS:</u>			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 3 COURSE 046°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>234: 22 Aug 91</u>	<u>235: 23 Aug 91</u>	
TIME(Z)	<u>1650</u>	<u>0231</u>	
LATITUDE	<u>-27 16.65</u>	<u>27° 13.53</u>	<u>21° 20.62'</u>
LONGITUDE	<u>-95 40.73</u>	<u>95° 04.55</u>	<u>95° 34.75</u>
SHOTPOINT	<u>1574</u>	<u>2037</u>	
REC NUM	<u>1574</u>	<u>2037</u>	
TAPE NUM	<u>1</u>	<u>1</u>	
WATER DEPTH			
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI Gun 275 cu in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loan C Northstar 6000 GPS also (EC)</u>		
<u>COMMENTS:</u>			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 4 COURSE 252°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>235/23-8-91</u>	<u>235/23 Aug 91</u>	
TIME(Z)	<u>0231</u>	<u>0615</u>	
LATITUDE	<u>27 13.48</u>	<u>27° 09.70N</u>	
LONGITUDE	<u>95 04.60</u>	<u>95° 22.31W</u>	
SHOTPOINT	<u>2038</u>	<u>3296</u>	
REC NUM	<u>2038</u>	<u>3296</u>	
TAPE NUM	<u>1</u>	<u>2</u> (3027)	
WATER DEPTH	<u>1237.5 M</u>		
DATA LENGTH (SEC) MIN	<u>6</u>	MAX _____	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<input checked="" type="checkbox"/>	DISTANCE _____	
REP RATE (SEC)	<u>10</u>	(M) _____	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES <u>Ø</u>	PROBLEM TRACES _____
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)	_____		
DISTANCE TO FAR TRACE (M)	_____		
SOURCE INFO	<u>GI gun 2 75w.in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loan Northstar 6000 (GPS also rec.)</u>		
COMMENTS:			

2989 - 3027

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 5 COURSE _____
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>235/23 Aug 91</u>	<u>235/23 Aug 91</u>	
TIME(Z)	<u>0617</u>	<u>930</u>	
LATITUDE	<u>27° 09.70</u>	<u>26° 59.81 N</u>	
LONGITUDE	<u>95 22.31</u>	<u>95° 34 17 W</u>	
SHOTPOINT	<u>3297</u>	<u>4550</u>	
REC NUM	<u>3297</u>	<u>4550</u>	
TAPE NUM	<u>2</u>	<u>2</u>	
WATER DEPTH			
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI gun 2 75 win chambers</u>		
NAVIGATION SYSTEM INFO	<u>Hornc Northstar 6000(GPS above rec)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 6 COURSE _____
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>235 / 23 Aug 91</u>	<u>235 / 23 Aug 91</u>	
TIME(Z)	<u>0930</u>	<u>1315</u>	
LATITUDE	<u>26° 57.81 N</u>	<u>26° 56.45 N</u>	
LONGITUDE	<u>95° 34.54 W</u>	<u>95° 08.80 W</u>	
SHOTPOINT	<u>4640</u>	<u>5810</u>	
REC NUM	<u>4640</u>	<u>5810</u>	
TAPE NUM	<u>2</u>	<u>2</u>	
WATER DEPTH			

DATA LENGTH (SEC) MIN 6 MAX _____ SAMP RATE (MSEC) 2SHOOTING BY TIME ✓ DISTANCE _____REP RATE (SEC) 10 (M) _____ FOLD(NOMINAL) 4SEIS TRACES 4 AUX TRACES _____ PROBLEM TRACES _____SINGLE CHANNEL MONITOR TRACE # 3

DISTANCE TO NEAR TRACE (M) _____

DISTANCE TO FAR TRACE (M) _____

SOURCE INFO GI gun 275 cu. in chambersNAVIGATION SYSTEM INFO Loran C Northstar 6000 (GPS also rec)COMMENTS:

THE UNIVERSITY OF TEXAS AT AUSTIN
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R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 7 COURSE _____
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>235 / 23 Aug 91</u>	<u>235 / 23 Aug 91</u>	
TIME(Z)	<u>1315</u>	<u>1555</u>	
LATITUDE	<u>26 56.45</u>	<u>26° 46.27 N</u>	
LONGITUDE	<u>95 08.80</u>	<u>95° 13.89 W</u>	
SHOTPOINT	<u>5900</u>	<u>6860</u>	
REC NUM	<u>5900</u>	<u>6860</u>	
TAPE NUM	<u>2</u>	<u>3</u>	
WATER DEPTH	<u>1335 M</u>		
DATA LENGTH (SEC) MIN	<u>6</u>	MAX _____	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE _____	
REP RATE (SEC)	<u>10</u>	(M) _____	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES _____	PROBLEM TRACES _____
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)	_____		
DISTANCE TO FAR TRACE (M)	_____		
SOURCE INFO	<u>G1 gun 2.75 cu. in in chamber</u>		
NAVIGATION SYSTEM INFO	<u>LORAN C Northstar 6000 (GPS also)</u>		
<u>COMMENTS:</u>			

THE UNIVERSITY OF TEXAS AT AUSTIN
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R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 8 COURSE _____
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>235 / 23 Aug. 91</u>	<u>235 / 23 Aug 91</u>	
TIME(Z)	<u>1555</u>	<u>1755 (1732?)</u>	
LATITUDE	<u>26° 46.27N</u>	<u>26° 50.90N</u>	
LONGITUDE	<u>95° 13.89W</u>	<u>95° 17.02W</u>	
SHOTPOINT	<u>6860</u>	<u>7439 7430</u>	<u>579</u>
REC NUM	<u>6860</u>	<u>7439</u>	
TAPE NUM	<u>3</u>	<u>3</u>	
WATER DEPTH			
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI gun 275 cu in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C NorthStar 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 9 COURSE 70°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>235/Aug 23 '91</u>	<u>235 / 23 Aug 91</u>	
TIME(Z)	<u>1755</u>	<u>2028</u>	
LATITUDE	<u>2649.23</u>	<u>26° 52.87</u>	
LONGITUDE	<u>9520.82</u>	<u>95° 01.73</u>	
SHOTPOINT	<u>7520</u> ³⁰	<u>8500</u>	
REC NUM	<u>7520</u> ⁴	<u>8500</u>	
TAPE NUM	<u>3</u>	<u>3</u>	
WATER DEPTH			
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<input checked="" type="checkbox"/>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI Airgun 2 75 cu in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>LORAN C NORTHSTAR 6000 (GPS also recorded)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 10 COURSE _____
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>236:24 Aug 91</u>	<u>236 / 24 Aug. 91</u>	
TIME(Z)	<u>0034.5</u>	<u>1038</u>	
LATITUDE	<u>+26 51.68</u>	<u>26° 02.60</u>	
LONGITUDE	<u>-95 12.17</u>	<u>95° 26.76</u>	
SHOTPOINT	<u>8501</u>	<u>12090</u>	
REC NUM	<u>8501</u>	<u>12090</u>	
TAPE NUM	<u>3</u>	<u>5</u>	
WATER DEPTH	<u>847 Sathorne</u>		
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>61 gum</u>	<u>2.75 cu in in chambers</u>	
NAVIGATION SYSTEM INFO	<u>LORAN C</u>	<u>Northstar 6000</u>	<u>(GPS Also)</u>
<u>COMMENTS:</u>			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 11-11B COURSE _____
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>24 Aug 91 (236)</u>	<u>236: 24 Aug 91</u>	
TIME(Z)	<u>1045</u>	<u>1328</u>	<u>283</u>
LATITUDE	<u>+26: 03.08</u>	<u>~ +25 59.40</u>	
LONGITUDE	<u>+ 95. 26.64</u>	<u>~ + 95 23.83</u>	
SHOTPOINT	<u>12162</u>	<u>13140</u>	<u>978</u>
REC NUM	<u>12162</u>	<u>13140</u>	<u>978</u>
TAPE NUM	<u>5</u>	<u>5</u>	
WATER DEPTH	<u>1575m</u>	<u>1852.5</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI Airgun 2.75 cu in. chamber</u>		
NAVIGATION SYSTEM INFO	<u>Loiane North Star 6000 (GPS also)</u>		
<u>COMMENTS:</u>			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 12 COURSE 012°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>236: 24 Aug 91</u>	<u>236. 24 8 91</u>	
TIME(Z)	<u>13280</u>	<u>1930</u>	
LATITUDE	<u>25 59.69N</u>	<u>26 38.54</u>	
LONGITUDE	<u>95 24.32W</u>	<u>-95 16.72</u>	
SHOTPOINT	<u>3210</u>	<u>15318</u>	
REC NUM	<u>3210</u>	<u>15318</u>	
TAPE NUM	<u>5</u>	<u>6</u>	
WATER DEPTH	<u>1818.75 m</u>	<u>842m.</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI Air Gun 275 cu in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C North Star 6000 (GPS recovered)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 13 COURSE 35°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>236 (8/24)</u>	<u>236/24 Aug. 91</u>	
TIME(Z)	<u>1930</u>	<u>2238</u>	
LATITUDE	<u>26 38.54</u>	<u>26 27.74N</u>	
LONGITUDE	<u>-95 16.72</u>	<u>95° 14.77</u>	
SHOTPOINT	<u>15318</u>	<u>16436</u>	
REC NUM	<u>15318</u>	<u>16436</u>	
TAPE NUM	<u>reel 6</u>	<u>6</u>	
WATER DEPTH	<u>(842ft) 1578.75m</u>		
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	<u>(M)</u>	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>del gun 2 75 cu in chamber 2</u>		
NAVIGATION SYSTEM INFO	<u>Holan C nodstar 6000 (GPS also recorded)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 14 COURSE 347
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>238:26 Aug 91</u>	<u>238:26 Aug 91</u>	
TIME(Z)	<u>0258.50</u>	<u>0953</u>	<u>415 min</u>
LATITUDE	<u>26 15.84 N</u>	<u>26 55.93 N</u>	
LONGITUDE	<u>95 16.78 W</u>	<u>95 15.66 W</u>	
SHOTPOINT	<u>1</u>	<u>2472</u>	<u>2471</u>
REC NUM	<u>1</u>	<u>2472</u>	<u>2471</u>
TAPE NUM	<u>7</u>	<u>7</u>	
WATER DEPTH	<u>(852m) 1597.5m</u>	<u>(816m) 1530m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>3</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>61 gun</u>	<u>2.75 cu in. Chamber</u>	
NAVIGATION SYSTEM INFO	<u>Loran C</u>	<u>Northstar 6000</u>	<u>(GPS Also)</u>
COMMENTS:	<u>07:10 CSE Δ to 0700° ;</u>		

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 15 COURSE 213
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>238: 26 Aug 91</u>	<u>238: 26 Aug 91</u>	
TIME(Z)	<u>0953</u>	<u>1915</u>	
LATITUDE	<u>+26 55.93</u>	<u>26 19.78</u>	
LONGITUDE	<u>-95 15.66</u>	<u>95 42.01</u>	
SHOTPOINT	<u>2472</u>	<u>5857</u>	
REC NUM	<u>2472</u>	<u>5857</u>	
TAPE NUM	<u>7</u>	<u>8</u>	
WATER DEPTH	<u>(816fm) 1530m</u>	<u>(696fm) 1305m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>61 air gun 2 75 cu in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C Northstar 6000 (GPS Also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORN

LINE INFORMATION

CRUISE 91-L-580 LINE # 16 COURSE 148°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>238: 26 Aug 91</u>	<u>239 27 Aug 91</u>	
TIME(Z)	<u>1915</u>	<u>0354</u>	
LATITUDE	<u>26 19.78</u>	<u>26 58.43</u>	
LONGITUDE	<u>95 42.01</u>	<u>95 25.13</u>	
SHOTPOINT	<u>5857</u>	<u>8847</u>	
REC NUM	<u>5857</u>	<u>8847</u>	
TAPE NUM	<u>8</u>	<u>9</u>	
WATER DEPTH	<u>696m 1305m</u>	<u>unreadable due to storm ~800m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>bl air gun 2.75 cu. in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>Holan C. Neuhof 1000 (GPS able)</u>		

COMMENTS:

2028: 19-2051 small 360° turn to refuel compressor (valving problems)
return to course of 035°

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INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 17 COURSE 248°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>239 27 Aug 91</u>	<u>239 27 Aug 91</u>	
TIME(Z)	<u>0354</u>	<u>05:15</u>	
LATITUDE	<u>2658.43</u>	<u>26 56.97</u>	
LONGITUDE	<u>9525.13</u>	<u>-95 30.57</u>	
SHOTPOINT	<u>8847</u>	<u>9334</u>	
REC NUM	<u>8847</u>	<u>9334</u>	
TAPE NUM	<u>9</u>	<u>10</u>	
WATER DEPTH	<u>UNEADABLE due to storm ~ 600 fm 741 fm 1389.38 m</u>		
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	<u>2</u>
SAMP RATE (MSEC)			
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>6' airgun 2.75cm in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C Northstar 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 18 COURSE 180°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>239 27, Aug 91</u>	<u>239 27, Aug 91</u>	
TIME(Z)	<u>05:15</u>	<u>07:00</u>	
LATITUDE	<u>26 56.97</u>	<u>26.49.48</u>	
LONGITUDE	<u>-95 30.57</u>	<u>95 30.35</u>	
SHOTPOINT	<u>9334</u>	<u>9963</u>	
REC NUM	<u>9334</u>	<u>9963</u>	
TAPE NUM	<u>10</u>	<u>10</u>	
WATER DEPTH	<u>(741m) 1389.38</u>	<u>(739m) 1383.75m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	<u>MAX</u>	<u>SAMP RATE (MSEC) 2</u>
SHOOTING BY TIME	<u>✓</u>	<u>DISTANCE</u>	
REP RATE (SEC)	<u>10</u>	<u>(M)</u>	<u>FOLD(NOMINAL) 4</u>
SEIS TRACES	<u>4</u>	<u>AUX TRACES</u>	<u>PROBLEM TRACES</u>
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>61 airgun 2.75 cu in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>Scan C navigation 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 19 COURSE 112°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>239:27 Aug 91</u>	<u>239:27 Aug 91</u>	
TIME(Z)	<u>07:00</u>	<u>11:00</u>	<u>3:00</u>
LATITUDE	<u>26 49.16</u>	<u>26 40.73</u>	
LONGITUDE	<u>95 30.40</u>	<u>95 12.32</u>	
SHOTPOINT	<u>9963</u>	<u>11403</u>	<u>1440</u>
REC NUM	<u>9963</u>	<u>11403</u>	<u>1440</u>
TAPE NUM	<u>10</u>	<u>10</u>	<u>10</u>
WATER DEPTH	<u>(738fm) 1383.75m</u>	<u>(864fm) 1620m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<input checked="" type="checkbox"/>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>4" air gun, 275 in³ chambers</u>		
NAVIGATION SYSTEM INFO	<u>Voran C position 6000 (GPS Also)</u>		
COMMENTS:	<u>sweep direct'n reversed</u>		

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INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 20 COURSE 29Z
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>239: 27 Aug 91</u>		
TIME(Z)	<u>11:00</u>	<u>1555</u>	
LATITUDE	<u>26 40.73</u>	<u>26 48.60</u>	
LONGITUDE	<u>95 12.32</u>	<u>95 38.07</u>	
SHOTPOINT	<u>11403</u>	<u>3173</u>	
REC NUM	<u>11403</u>	<u>13173</u>	
TAPE NUM	<u>10</u>		
WATER DEPTH	<u>(864fm) 1620m</u>	<u>(716fm)</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI airgun : 2.75 in³ in chamber</u>		
NAVIGATION SYSTEM INFO	<u>Loran C northstar 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 21 COURSE 162°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>239: 27 Aug 91</u>	<u>239: 27 Aug 91</u>	
TIME(Z)	<u>16:19:50</u>	<u>2143</u>	
LATITUDE	<u>26 46.93</u>	<u>26 22.53</u>	
LONGITUDE	<u>95 37.71</u>	<u>95 42.72</u>	
SHOTPOINT	<u>3202</u>	<u>15140</u>	<u>11938</u>
REC NUM	<u>3202</u>	<u>15140</u>	<u>11938</u>
TAPE NUM	<u>11</u>	<u>11</u>	<u>11</u>
WATER DEPTH	<u>(700fm) 13125m</u>	<u>(1296fm) 1305m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI airgun 2.75 in³ in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C Northstar 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 22 COURSE 116°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>27 Aug 91/239</u>	<u>28 Aug 91/240</u>	
TIME(Z)	<u>2143</u>	<u>0200</u>	
LATITUDE	<u>26 22.53</u>	<u>+26 48.37</u>	
LONGITUDE	<u>95 42.72</u>	<u>- 95 27.13</u>	
SHOTPOINT	<u>15141</u>	<u>16683</u>	
REC NUM	<u>15141</u>	<u>16683</u>	
TAPE NUM	<u>12</u>	<u>12</u>	
WATER DEPTH	<u>(696 fm) 1305 m</u>	<u>(804 fm) 1507.5 M</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI Air gun 2.75 cu in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Leica C Northstar 6000 (GPS also</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 23 COURSE 198°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>28 Aug 91/240</u>	<u>28 Aug 91/240</u>	
TIME(Z)	<u>0200</u>	<u>0345</u>	
LATITUDE	<u>+26 48.37</u>	<u>+26 39.78 N</u>	
LONGITUDE	<u>-95 27.13</u>	<u>-95 30.21 W</u>	
SHOTPOINT	<u>6683</u>	<u>7315</u>	
REC NUM	<u>16683</u>	<u>17315</u>	
TAPE NUM	<u>12</u>	<u>12</u>	
WATER DEPTH	<u>(804fm) 1507.5M</u>	<u>(800fm) 1500.0M</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	<u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	<u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	
PROBLEM TRACES			
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI air gun 2.75 cu in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C North star 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 24 COURSE 263°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>08 Aug 91/240</u>	<u>29 Aug 91/240</u>	
TIME(Z)	<u>0345</u>	<u>0512</u>	
LATITUDE	<u>+26 39.78 N</u>	<u>26 39 13 N</u>	
LONGITUDE	<u>-95 30.21 W</u>	<u>95 39 90 W</u>	
SHOTPOINT	<u>7815</u>	<u>17840</u>	
REC NUM	<u>17315</u>	<u>17840</u>	
TAPE NUM	<u>12</u>	<u>12</u>	
WATER DEPTH	<u>(800 fm) 1500M</u>	<u>(1750 fm)</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC)
SHOOTING BY TIME	<input checked="" type="checkbox"/>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>G.I. air gun 2.75 cu in chamber s</u>		
NAVIGATION SYSTEM INFO	<u>Loran C Northstar 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 25 COURSE 284°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>290:28 Aug 91</u>	<u>290 28 Aug 91</u>	
TIME(Z)	<u>05:30:00</u>	<u>08:58:00</u>	
LATITUDE	<u>26 39.28</u>	<u>26 38.60</u>	
LONGITUDE	<u>95 40.13</u>	<u>95 26.97</u>	
SHOTPOINT	<u>17891</u>	<u>19105</u>	
REC NUM	<u>17891</u>	<u>19105</u>	
TAPE NUM	<u>12</u>	<u>13</u>	
WATER DEPTH			
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC)
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI av gun 2.75 20 in Chambers</u>		
NAVIGATION SYSTEM INFO	<u>Boya CNA Yester 6000 (GPS 0050)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 26 COURSE 213°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>240 28 Aug 91</u>	<u>240 28 Aug 91</u>	
TIME(Z)	<u>0900:00</u>	<u>1200:00</u>	
LATITUDE	<u>26°32'60</u>	<u>26 30.05</u>	
LONGITUDE	<u>95 26.97</u>	<u>95 33.96</u>	
SHOTPOINT	<u>19105</u>	<u>20181</u>	
REC NUM	<u>19105</u>	<u>20181</u>	
TAPE NUM	<u>13</u>	<u>13</u>	
WATER DEPTH			
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<input checked="" type="checkbox"/>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI air gun 2.75 cu in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C northstar 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 27 COURSE 020°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>28 Aug 91/240</u>	<u>28 Aug 91/240</u>	
TIME(Z)	<u>1200:00</u>	<u>15:17</u>	
LATITUDE	<u>26 30.05</u>	<u>26 46.32</u>	
LONGITUDE	<u>95 33.96</u>	<u>95 29.06</u>	
SHOTPOINT	<u>20181</u>	<u>1363</u>	
REC NUM	<u>20181</u>	<u>21363</u>	
TAPE NUM	<u>13</u>	<u>14</u>	
WATER DEPTH		<u>(790fm) 1481.25m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO <u>GI air gun 2.75 in³ Chambers</u>			
NAVIGATION SYSTEM INFO <u>Loran C Northstar 6000 (GPS also)</u>			
<u>COMMENTS:</u>			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 28 COURSE 180°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>28 Aug 91/240</u>	<u>28 Aug 91/240</u>	
TIME(Z)	<u>1517</u>	<u>1739</u>	
LATITUDE	<u>26 46.32</u>	<u>26 37.78</u>	
LONGITUDE	<u>95 29.06</u>	<u>- 95 32.95</u>	
SHOTPOINT	<u>1363</u>	<u>2215</u>	
REC NUM	<u>21363</u>	<u>2215</u>	
TAPE NUM	<u>14</u>	<u>14</u>	
WATER DEPTH	<u>1481.25 m</u>	<u>786m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI air gun 2.75 in³ chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C North Star 6000 (GPS also)</u>		
<u>COMMENTS:</u>			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 29 COURSE 122°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>28 Aug 91/240</u>	<u>28 Aug 91/240</u>	
TIME(Z)	<u>1739</u>	<u>1838</u>	
LATITUDE	<u>26 37.78</u>	<u>26 34.36</u>	
LONGITUDE	<u>-95 32.95</u>	<u>-95 27.74</u>	
SHOTPOINT	<u>2215</u>	<u>2571</u>	
REC NUM	<u>2215</u>	<u>2571</u>	
TAPE NUM	<u>14</u>	<u>14</u>	
WATER DEPTH	<u>786fm</u>	<u>822fm</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>4</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>2.75 in³ chambered</u>		
NAVIGATION SYSTEM INFO	<u>LoranC Novatel 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 30 COURSE 199°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>28 Aug 91 240</u>	<u>240:28 Aug 91</u>	
TIME(Z)	<u>1838</u>	<u>22:19:50</u>	
LATITUDE	<u>+26 34.36</u>	<u>+26.14.16</u>	
LONGITUDE	<u>-95 27.74</u>	<u>-95 34.63</u>	
SHOTPOINT	<u>22571</u>	<u>23900</u>	<u>1329</u>
REC NUM	<u>22571</u>	<u>23900</u>	<u>1329</u>
TAPE NUM	<u>14</u>	<u>14</u>	<u>14</u>
WATER DEPTH	<u>822 fm - 1603.13 m</u>	<u>754 fm 1413.75 m</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #	<u>4</u>		
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>See airgun 2.75 m³ chamber 2</u>		
NAVIGATION SYSTEM INFO	<u>RolanC Navigator 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 31 COURSE 015°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>29 Aug 91 / 241</u>	<u>29 Aug 91</u>	
TIME(Z)	<u>0414:10</u>	<u>0645:00</u>	
LATITUDE	<u>26 23.55</u>	<u>26 37.36</u>	
LONGITUDE	<u>95 44.48</u>	<u>95 40.38</u>	
SHOTPOINT	<u>3901</u>	<u>4800</u>	
REC NUM	<u>23901</u>	<u>4800</u>	
TAPE NUM	<u>14</u>	<u>15</u>	
WATER DEPTH	<u>698 fm</u>	<u>736 fm</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI air gun 2.75 cu. in. chambers</u>		
NAVIGATION SYSTEM INFO	<u>Locan C Northstar 6000 (GPS Also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 32 COURSE 270°
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>241:29 Aug '91</u>	<u>241:29 Aug '91</u>	
TIME(Z)	<u>064500</u>	<u>0730:00</u>	
LATITUDE	<u>263734</u>	<u>2638.03</u>	
LONGITUDE	<u>954038</u>	<u>9544.34</u>	
SHOTPOINT	<u>4806</u>	<u>5077</u>	
REC NUM	<u>4806</u>	<u>5077</u>	
TAPE NUM	<u>15</u>	<u>15</u>	
WATER DEPTH	<u>736fms</u>	<u>723fms</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC)
SHOOTING BY TIME	<input checked="" type="checkbox"/>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL)
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI air gun 2750 in Chambers</u>		
NAVIGATION SYSTEM INFO	<u>Lara C Northstar 1000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 33 COURSE _____
PROJECT SCXY AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>241: 29 Aug 91</u>	<u>29 Aug 91 / 241</u>	
TIME(Z)	<u>0730:00</u>	<u>1252:30</u>	
LATITUDE	<u>26 38.03</u>	<u>26 13.11</u>	
LONGITUDE	<u>-9544.34</u>	<u>9605.01</u>	
SHOTPOINT	<u>25077</u>	<u>27011</u>	
REC NUM	<u>25077</u>	<u>27011</u>	
TAPE NUM	<u>15</u>	<u>0016</u>	
WATER DEPTH	<u>723m</u>	<u>446 fm</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX _____	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<u>✓</u>	DISTANCE _____	
REP RATE (SEC)	<u>10</u>	(M) _____	FOLD(NOMINAL) _____
SEIS TRACES	<u>4</u>	AUX TRACES _____	PROBLEM TRACES _____
SINGLE CHANNEL MONITOR TRACE #	_____		
DISTANCE TO NEAR TRACE (M)	_____		
DISTANCE TO FAR TRACE (M)	_____		
SOURCE INFO	<u>sea anemone 27.5 cu in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Siemens mounter 6000 (GPS also)</u>		
COMMENTS:			

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V LONGHORNLINE INFORMATIONCRUISE 91-L-580 LINE # 34 COURSE 015
PROJECT SCXV AREA TEXAS SLOPE P.I. E. W. BEHRENS

	<u>START</u>	<u>END</u>	<u>TOTAL</u>
DATE(JD/DATE)	<u>29 Aug 91 / 241</u>	<u>29 Aug 91 / 241</u>	
TIME(Z)	<u>1252:30</u>	<u>1324</u>	
LATITUDE	<u>26 13.11</u>	<u>26 16.21 N</u>	
LONGITUDE	<u>96 05.01</u>	<u>96 04.81 W</u>	
SHOTPOINT	<u>27011</u>	<u>7200</u>	
REC NUM	<u>27011</u>	<u>27200</u>	
TAPE NUM	<u>0016</u>	<u>16</u>	
WATER DEPTH	<u>446 fm</u>	<u>448 fm</u>	
DATA LENGTH (SEC) MIN	<u>6</u>	MAX	SAMP RATE (MSEC) <u>2</u>
SHOOTING BY TIME	<input checked="" type="checkbox"/>	DISTANCE	
REP RATE (SEC)	<u>10</u>	(M)	FOLD(NOMINAL) <u>4</u>
SEIS TRACES	<u>4</u>	AUX TRACES	PROBLEM TRACES
SINGLE CHANNEL MONITOR TRACE #			
DISTANCE TO NEAR TRACE (M)			
DISTANCE TO FAR TRACE (M)			
SOURCE INFO	<u>GI air gun 2.75 in³ in chambers</u>		
NAVIGATION SYSTEM INFO	<u>Loran C northstar 0000 (GPS also)</u>		
<u>COMMENTS:</u>			