

STONE & WEBSTER ENGINEERING CORPORATION



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Mr. R. Johnson
U.S. Nuclear Regulatory Commission
MS-623-SS
Washington, DC 20555

November 15, 1984
J.O. No. 13697.11

TRANSMITTAL OF SEISMIC REFLECTION DATA TO NRC PERMIAN BASIN - GEOLOGIC PROJECT MANAGER

Further to our letter to you of October 16, 1984 (Transmittal of Geologic and Geophysical Data to NRC, Permian Basin - Geologic Project Manager), we are transmitting to you two complete sets of seismic reflection data (nonproprietary).

SWEC ordered the geophysical data from the National Geophysical Data Center (NGDC) in Colorado on September 19, 1984. A detailed inventory of the data enclosed is attached. If you have any questions, please call me at (617) 589-2098.

C. A. Foster

C. A. Foster
Assistant Project Manager

LT:sl
Enclosures

WM DOCKET CONTROL
CENTER

84 NOV 23 AM 12:29

WM Record File	WM Project
<u>106</u>	<u>16</u>
	Docket No. _____
	PDR <input checked="" type="checkbox"/>
	LPDR <input checked="" type="checkbox"/>
Distribution:	
<u>R Johnson</u>	<u>S Grace</u>
<u>J Linahan</u>	<u>DRM</u>
(Return to WM, 623-SS) <u>C2</u>	

See PD-Sect-1110 for
end.
end in WM/AMSS

8501070496 841115
PDR WASTE
WM-16
PDR

TEXAS PANHANDLE SEISMICS
TGX-0200

Pg. 1

ITEM #	LINE # & DESCRIPTION	S.P. - S.P.	FOLD %	TRACES: INCH HORIZONTAL SCALE	INCHES: SECOND VERTICAL SCALE	WIDTH	LENGTH	SQ. FT.
1	Index Map					17	27	3.19
2	A Coherency Stack	101-2257	2400	20:1	10:1	48	238	79.33
3	B-1 " "	101-722	"	"	"	48	77	25.68
4	B-2 " "	101-390	"	"	"	48	41	13.67
5	B-3 " "	101-673	"	"	"	48	72	24.00
6	C " "	101-246	4800	10:1	"	48	40	13.33
7	C " "	101-391	2400	20:1	"	"	"	"
8	C " "	101-391	"	"	"	"	"	"
9	C-Test Pilot Test	101-200	100	"	"	"	144	48.00
10	C Coherency Stack	101-391	4800	"	"	"	40	13.33
11	D-North " "	101-625	2400	"	"	"	65	21.67
12	D-South " "	101-801	"	"	"	"	83	27.67
13	E " "	101-1538	"	"	"	"	161	53.67
14	F " "	101-1402	"	"	"	"	148	49.33
15	G-1 " "	101-580	"	"	"	"	61	20.33
16	G-2 " "	105-566	"	"	"	"	60	20.00
17	G-3 " "	101-340	"	"	"	"	35	11.67
18	H-1 " "	101-926	"	"	"	"	96	32.00
19	H-2 " "	101-630	"	"	"	"	65	21.67
20	I " "	107-435	"	"	"	"	46	15.33

[illegible]

TEXAS PANHANDLE SEISMICS
TGX-0200

Pg. 3

ITEM #	LINE # & DESCRIPTION	S.P. - S.P.	FOLD %	HORIZONTAL SCALE	VERTICAL SCALE	WIDTH	LENGTH	SQ. FT.
✓31	A Coherency Stack	101-2257	2400	40:1	5:1	24	119	19.83
✓32	B-1 " "	101-722	"	"	"	"	37	6.17
✓33	B-2 " "	101-390	"	"	"	"	20	3.33
✓34	B-3 " "	101-673	"	"	"	"	35	5.83
✓35	C " "	101-246	4800	"	"	"	19	3.17
✓36	C " "	101-391	2400	"	"	"	20	3.0
✓37	C " "	" "	"	"	"	"	"	"
✓38	C " "	" "	4800	"	"	"	21	3.50
✓39	D-North " "	101-625	2400	"	"	"	32	5.33
✓40	D-South " "	101-801	"	"	"	"	43	7.17
✓41	E " "	101-1538	"	"	"	"	81	13.50
✓42	F " "	101-1402	"	"	"	"	73	12.17
✓43	G-1 " "	101-580	"	"	"	"	31	5.17
✓44	G-2 " "	105-566	"	"	"	"	"	"
✓45	G-3 " "	101-340	"	"	"	"	17	2.83
✓46	H-1 " "	101-926	"	"	"	"	48	8.00
✓47	H-2 " "	101-630	"	"	"	"	33	5.50
✓48	I " "	107-435	"	"	"	"	23	3.83
✓49	J " "	101-174	4800	20:1	3.75:1	11	"	1.77
✓50	K Final Stack	101-429	2400	40:1	5:1	24	"	3.83

Total Sq. Ft.=155.76	pg. 3&4
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ITEM #	AREA	FILE COPY #	TEXAS PANHANDLE SEISMICS L-S.W.E.C.	7GX-0200 SCALE	FIELD SHOT POINT MAPS	WIDTH	LENGTH	SQ. FT.
59 ✓	S.E. Canton	No Info	Lines 1, 3	No Information	13697 G116F-2	18	15	1.88
60 ✓	Honolulu #1 Powder	1/7	L-k--L-L	1":2000'	13697 G116L	"	18	2.25
61 ✓	Frankfort #1 A. Hayes	2/7	Q-Q-1--M--N	"	" "	"	"	"
62 ✓	SWEC #1 J. Friemel	3/7	-0-	"	" "	"	"	"
63 ✓	" "	4/7	A -0-	"	" "	"	"	"
64 ✓	Frankfort # A. Hayes	5/7	Q-1	"	" "	"	"	"
65 ✓	" "	6/6	M-N-Q	"	" "	"	"	"
66 ✓	Frankfort #1 Muse	7/7	P	"	" "	"	"	"
67 ✓	Index Map	1/20	F/ B-1	No Information	13697 G116F-1	"	"	"
68 ✓	" "	2/20	F	" "	" "	"	"	"
69 ✓	" "	3/20	F, A	" "	" "	"	"	"
70 ✓	" "	4/20	A	" "	" "	"	"	"
71 ✓	" "	5/20	A	" "	" "	"	"	"
72 ✓	" "	6/20	E, A	" "	" "	"	"	"
73 ✓	" "	7/20	D, D-North, E	" "	" "	"	"	"
74 ✓	" "	8/20	E	" "	" "	"	"	"
75 ✓	" "	9/20	C (wave test & foldback) D, B-3	" "	" "	"	"	"
76 ✓	" "	10/20	B-2, B-3	" "	" "	"	"	"
77 ✓	" "	11/20	B-1, B-2	" "	" "	"	"	"
78 ✓	" "	12/20	E	" "	" "	"	"	"

[illegible]

ITEM #	LINE #	VELOCITY DETERMINATIONS	WIDTH	LENGTH	SQ. FT
✓ 87	Line A	"	36	181	45.25
✓ 88	SWEC B-2	"	34	217	51.24
✓ 89	SWEC-C	"	"	63	14.88
✓ 90	SWEC-DN	"	"	70	16.53
91	SWEC-DS	"	"	138	32.58
✓ 92	SWEC-E	"	"	106	25.03
✓ 93	SWEC-F	"	"	132	(17
✓ 94	SWEC-G	"	"	89	21.01
✓ 95	SWEC-G2	"	"	69	16.29
✓ 96	SWEC-G3 1 of 2	"	"	74	17.47
✓ 97	SWEC-G3 2 of 2	"	"	39	9.21
✓ 98	H-1	"	"	85	20.07
✓ 99	H-2	"	"	66	15.58
✓ 100	SWEC-I	"	"	47	11.10
✓ 101	SWEC-J	"	"	57	(46
✓ 102	J 1 of 1	"	"	57	13.46
✓ 103	K	"	30	58	12.08
✓ 104	M	"	"	85	17.71
✓ 105	N	"	"	55	11.46

