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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.

S M Warden for

C. A. Foster
Assistant Project Manager

LT:sl
Enclosures

WM DOCKET CONTROL CENTER
'84 NOV 23 A11:29

WM Record File
106

WM Project 16
Docket No.
PDR ✓
LPDR ✓

Distribution:
RJohnson
JLinehan
SGrace
DRM
(Return to WM, 623-SS) C2

See PD-Sart-1110 for encl.
Encl in WM/NMSS

8501070496 841115
PDR WASTE
WM-16 PDR

TEXAS PANHANDLE SEISMICS
TGX-0200

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

ITEM #	LINE # & DESCRIPTION	S.P. - S.P.	FOLD %	HORIZONTAL SCALE	VERTICAL SCALE	WIDTH	LENGTH	SQ. FT.
21	J Coherency Stack	101-174	4800	10:1	7.5:1	48	23	7.67
22	K Final Stack	101-429	2400	20:1	10:1	"	44	14.67
23	L " "	101-587	"	"	"	"	62	20.67
24	M " "	101-470	"	"	"	"	50	16.67
25	N " "	101-485	"	"	"	"	"	"
26	O " "	4-433	"	"	"	"	56	18.67
27	P " "	102-292	"	"	"	"	31	10.33
28	Q " "	101-400	"	"	"	"	41	13.67
29	Q-1 " "	101-528	"	"	"	"	56	18.67
30	R " "	101-390	"	"	"	"	40	13.33
				Total Sq. Ft. =671.55 pg. 1 & 2				

TEXAS PANHANDLE SEISMICS
TGX-0200

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.[illegible]
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	"	"	"	"	"	"[illegible]
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

ITEM #	LINE # & DESCRIPTION	S.P. - S.P.	FOLD %	HORIZONTAL SCALE	VERTICAL SCALE	WIDTH	LENGTH	SQ. FT.
✓51	L Final Stack	101-587	2400	40:1	5:1	24	32	5.33
✓52	M " "	101-470	"	"	"	"	25	4.17
✓53	N " "	101-485	"	"	"	"	"	"
✓54	O " "	4-433	"	"	"	"	29	4.83
✓55	P " "	102-292	"	"	"	"	17	2.83
✓56	Q " "	101-400	"	"	"	"	22	3.[illegible]
✓57	Q-1 " "	101-528	"	20:1	10:0	"	28	4.67
✓58	R " "	101-390	"	40:1	5:1	"	20	3.33
				Total Sq. Ft.=155.76	pg. 3&4			

TEXAS PANHANDLE SEISMICS
TGX-0200

ITEM #	AREA	FILE COPY #	L-S.W.E.C.	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	" "	" "	"	"	"

TEXAS PANHANDLE SEISMICS
TGX-0200

ITEM #	AREA	FILE COPY #	L-S.W.E.C.	SCALE	FIELD SHOT POINT MAPS	WIDTH	LENGTH	SQ. FT.
79 ✓	Index Map	13/20	A	No Information	13697 G116F-1	18	18	2.25
80 ✓	" "	14/20	D-North	" "	" "	"	"	"
81 ✓	" "	15/20	H-1	" "	" "	"	"	"
82 ✓	" "	16/20	"	" "	" "	"	"	"
83 ✓	" "	17/20	H-1, H-2, H-3	" "	" "	"	"	"
84 ✓	" "	18/20	G	" "	" "	"	"	"
85 ✓	" "	19/20	G, G-3	" "	" "	"	"	"
86 ✓	" "	20/20	G-3	" "	" "	"	"	"
				Total Sq. Ft.: 62.63	pg 5&6			

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

ITEM #	LINE #			WIDTH	LENGTH	SQ. FT
✓106	O		"	30	57	11.88
✓107	P		"	"	40	8.33
✓108	Q		"	"	49	10.21
✓109	Q-1		"	"	62	12.92
✓110	R		"	"	57	11.88
			"			
			TOTAL SQ. FT.: 450.80 Pg. 7 & 8			
			Total SQ. FT. =1340.79			