



SEISMOGRAPH SERVICE CORPORATION
OF CANADA

02 001 - 028 - 66
FORT SIMPSON
LINE 8104
SP'S 101-1901 [1200 %]
CLIENT : PETRO-CANADA
LOCATION: 95-H N.W. T

STRUCTURE STACK

RECORDING PARAMETERS

RECORDING DATA

RECORDING DATA	ENERTEC GEOPHYSICAL
RECORDED BY	168
PARTY	
DATE	MARCH 1985
SAMPLE RATE	2 MS
RECORD LENGTH	4 SECONDS
TRACES/RECORD	120
INSTRUMENT TYPE	DFS V
NOTCH FILTER	OUT
RECORDING FILTER	1B/128 HZ
TAPE FORMAT	SEGB
LINE DIRECTION	N. E. -> S. W.
TR. 1 LOCATION	N. E.

SOURCE DATA

TYPE	DYNAMITE
DEPTH	15 M
ARRAY	SINGLE HOLE 1 KG
INTERVAL	125 M
RECEIVER DATA	
TYPE	14 HZ
ARRAY	INLINE - 9 @ 25 M
INTERVAL	25 M
SPREAD CONFIGURATION	1500-25-X-25-1500 M

PROCESSING SEQUENCE

1. DEMULTIPLEX
2. TRACE EDITING
3. PHASE COMPENSATION
INSTRUMENT & GEOPHONE
4. GAIN RECOVERY
5. SORT INTO CDP ORDER
6. DECONVOLUTION
TYPE: MINIMUM PHASE SPIKING
48 MS OPERATOR LENGTH
1% PREWHITENING
WINDOW: 200 TO 1100 MS AT 25 M
900 TO 1400 MS AT 1500 M
7. TRACE EQUALIZATION
DRIFT/DRIFT STATICS
DRIFT: 250 M
REPLACE VELOCITY: 3100 M/SEC
WEATHERING VELOCITY: 700 M/SEC
8. VELOCITY ANALYSIS
CONSTANT VELOCITY STACKS
9. NORMAL MOVEOUT CORRECTION
11. FIRST BREAK MUTE
275 M / 300 MS
1500 M / 700 MS
12. RESIDUAL SURFACE CONSISTENT STATICS
WINDOW: 250 TO 900 MS
13. CDP TRIM STATICS
WINDOW: 200 TO 800 MS
14. CDP STACK
1200Z
15. FINAL FILTER (ORMSEY)
16/24 - 80/90 HZ
16. TRACE AMPLITUDE EQUALIZATION
WINDOW 1: 20 TO 300 MS
WINDOW 2: 300 TO 700 MS

QUALITY CONTROL: ROB WIENS DATE PROCESSED: MAY 1986

DISPLAY PARAMETERS

36 TRACES PER INCH 10 INCHES PER SECOND

POLARITY NORMAL [X]
 REVERSE []

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

2591
1456

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

2591
1411

LINE 8101
LOC 457

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

2541
1271

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

2591
1141

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

2591
1046

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

1981
981

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

1751
585

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

1571
785

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

1391
685

TIME	U	RMS	U	INT
0.000	3880	3880		
0.500	3330	3330		
1.000	3740	4513		
1.500	4180	5174		
2.000	5000	5846		
2.500				

1251
531



