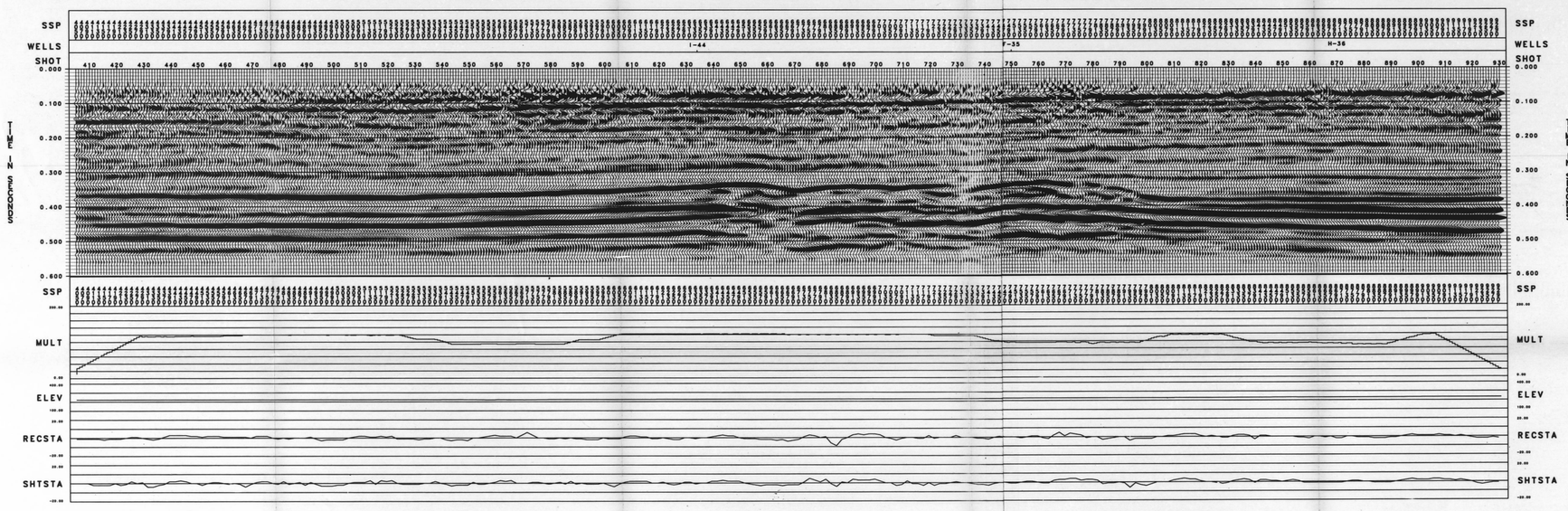

9229-56-2E

Canada Oil and Gas Lands Administration
Administration des permis et des gaz des terres du Canada
JAN 30 1991
Resource Evaluation Branch
Direction de l'évaluation des ressources
Project #

Shell Canada Limited

A006500001B
MIGRATED STACK
INVERT POLARITY
SW -------- NE

AREA: FT PROVIDENCE NWT

60 FOLD
DATUM: 183 M VCOR: 2850 M/S
NTS LOCATION OF LOW STATION: 85-C/14
SHOT BY: SONICS EXPLORATION LTD DATE: FEB,1987
HORIZONTAL SCALE 1:10,000.
VERTICAL SCALE: 7.5 IPS

RECORDING INSTRUMENT:
RECORDER: DFS V 398
LOW CUT FILTER: 128HZ @72 db/OCT
NOTCH FILTER: IN
RECORD LENGTH: 4 SEC.
DISC LENGTH: 2 SEC.
TAPE FORMAT: SEGD

GEOPHONE ARRAY:
1 STRING OF 8 GEOSPACE 200C 14HZ GEOPHONES.
1.5M BETWEEN PHONES

SOURCE:
VIBROSEIS - LINEAR SWEEP
- PELTON MODEL V
- 2 VIBRATORS
- SWEEP FREQUENCY 10-82HZ
- SWEEP LENGTH 8 SEC

SPREAD GEOMETRY:
STATION SPACING 15 M SOURCE SPACING 15 M
TYPICAL SPREAD - SP. 460

TRN	1	60	61		120
STN	400	459	461		520
	X----------X		X----------X		
XDIST	900M	15M	15M		900M

PROCESSING SEQUENCE:
- DEMULTIPLEX FIELD DATA TO SIRMAP FORMAT.
- BAND PASS FILTER 8 - 70 HZ 72 db/OCT
- RESAMPLE FROM 2 MS TO 4 MS
- DEGAP
- EDIT BAD TRACES
- AVC - WINDOW 1 SEC - CENTRE APPLY
- AVC - FILTER ON SHOTS - +/- 2000 M/S ; ON FLAT
- UNDO AVC
- UNDO AXIAL GAIN CORRECTION.
- EXPONENTIAL GAIN CORRECTION.
- SPIKING DECONVOLUTION TRACE BY TRACE
- SORT TO CDP'S
- COMPUTE SURFACE CONSISTENT REFLECTION STATICS.
  - WIN - 128 - 550 MS
  - DCOR - 3 - 5
  - BANDWIDTH - 10-70 HZ
- VELOCITY ANALYSIS.
- COMPUTE NON SURFACE CONSISTENT TRIM STATICS.
  - WIN - 128 - 550 MS
  - DCOR - 3 - 5
  - BANDWIDTH - 10-70 HZ
- TRACE BY TRACE NORMALIZATION.
  - RMS, GATE 200 - 800 MS
- STACK.
- BANDPASS FILTER 8 - 70 HZ. ZERO PHASE.
- KIRCHHOFF MIGRATION
  - VMOD GRADIENT 750 M
  - NO SLOPE CUT-OFF
- N-1 SUM
- SINGLE NORMALIZATION FACTOR APPLIED TO ENTIRE STACK
- DISPLAY.

ARCHIVE INFORMATION:
INPUT STATICS PLOTTED BELOW THE SECTION ARE REFLECTION STATICS ONLY.
PRINTED SNTS SAVED WITH TT UPDATED TO BE THE SUM OF FIELD STATICS AND REFLECTION STATICS.
FINAL PROCESSED SSPS WITH STATICS SAVED.
FINAL TRIM STACK SAVED.
KIRCHHOFF MIGRATED STACK SAVED.

PROCESSED BY: CRYER DATE: APRIL/1987.

FRAME NUMBERS: 2005692 - 93
VERSION: 02

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PROJ. NO. 9220-S6-2E
LINE NO. A006500001B
PART NO. 1 OF 1
R.R. 8X