



2000 Highway 94
Calgary, AB T2C 2P5
Tel: (403) 243-5971
Fax: (403) 243-5972
Cable: TERRA

PROJ. NO.

LINE NO.

PART NO.

1 OF 2

R.R. 8X

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

Canada Oil and Gas Lands
Administration
Administration des terres de pétrole et de gaz
du Canada
MAR 23 1991
Seismic Interpretation Unit
Seismic Interpretation Unit
Page 1

Shell Canada Limited

A006600035

MIGRATED STACK
NORMAL POLARITY

SP 400 TO 892
S <-----> N

AREA: THINAHTA

FOLD: 60
DATUM: 550M VCOR: 3050 M/S
SHOT BY: SONIC EXPLORATION
DATE: FEB. 1989

FIELD PARAMETERS:
RECORDING INSTRUMENT:
RECORDED: DEVS-828
HIGH CUT: 180 HZ 72 DB/OCT
RECORD LENGTH: 3.0 SEC
DIGI: INTERNAL 2 MS
APE FORMAT: SEGB

GEOPHONE ARRAY:
1 STRING OF 12 LPS
2.0 M BETWEEN GEOPHONES
14 HZ RESONANT FREQUENCY
0.8 DAMPING FACTOR

SOURCE:
NON-LINEAR VIBROPILE
SWEEP FREQUENCY: 6 - 74 HZ
SWEEP LENGTH: 10
SLOPE: 8 DB/OCT
BEGIN FREQUENCY: 8 HZ
UP-OFFSET: 12.5 M TOWARD ASCENDING STATION

SPREAD GEOMETRY:
DIRECTION SHOT: N <-----> S
STATION SPACING: 25.0M SOURCE SPACING: 25.0M

SPREAD DIAGRAM - VP 651
TN 1 60 61 120
STN 590 649 654 713
-1537.5M - 62.5M 62.5M 1537.5M

PROCESSING SEQUENCE:
- DEMULTIPLY
- GEOMETRY
- DERIVE REFRACTION STATICS
- DERIVE
- ANTI-ALIAS FILTER
- RESAMPLE TO 4 MS
- EDIT BAD TRACES
- EXPONENTIAL GAIN CORRECTION
- HP FILTER
- VELOCITY LIMITS -1500, 1500 M/S
- DEAMPLIFICATION
- DECONVOLUTION
- WHITE NOISE 0.0100E
- DERIVE GATE 2: 400 TO 1500 MS
- FILTER LENGTH: 120 MS
- SORT TO ONE-HOIST
- VELOCITY ANALYSIS WITH RESPECT TO SURFACE
- COMPUTE SURFACE CONSISTENT STATICS
- REFERENCE METHOD
- DERIVE GATE: 500 - 1300 MS
- FILTER LENGTH: 120 MS
- MAXIMUM SHIFT 28, 20 MS
- MULTIPLES ATTENUATED
- COMPUTE SURFACE CONSISTENT STATICS
- REFERENCE METHOD
- DERIVE GATE: 500 - 1300 MS
- MAXIMUM SHIFT 20 MS
- NMO CORRECT AND APPLY STATICS
- APPLY ELEVATION CORRECTION
- APPLY MUTING
- TRACE BY SPACE RMS NORMALIZATION
- DERIVE WINDOW: 600 TO 1300 MS, LEVEL: 2000
- CMP STACK
- WAVE EQUATION (KIRCHOFF) MIGRATION
- 100% STACKING VELOCITY
- RESAMPLE TO 1 MS
- WHITENING DECONVOLUTION
- FINE DISPLAY FILTER
- FREQ: 3-45/10 HZ

DISPLAY PARAMETERS:
HORIZONTAL SCALE: 12 TR/IN
VERTICAL SCALE: 7.50 IN/SEC

INTERPRETER: LEAVY
PROCESSOR: JONGERIUS
DATE: MAY-1989
QUALITY CONTROL: L. JOHNSON

VELS

ELEV

TIES

SSP

0.100

0.000

0.100

0.200

0.300

0.400

0.500

0.600

0.700

0.800

0.900

1.000

1.100

1.200

1.300

1.400

1.500

1.600

1.700

1.800

SSP

MULT

SSP 8100
VERT TIME VINT
2044 82 2044
2513 78 2585
2734 82 3583
2868 146 3365
2995 478 4398
3419 608 4613
3647 662 5543
3699 865 3782
3747 1002 5009

SSP 8100
VERT TIME VINT
2044 82 2044
2513 78 2585
2734 82 3583
2868 146 3365
2995 478 4398
3419 608 4613
3647 662 5543
3699 865 3782
3747 1002 5009

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SSP 8800
VERT TIME VINT
2044 82 2044
2513 78 2585
2734 82 3583
2868 146 3365
2995 478 4398
3419 608 4613
3647 662 5543
3699 865 3782
3747 1002 5009

