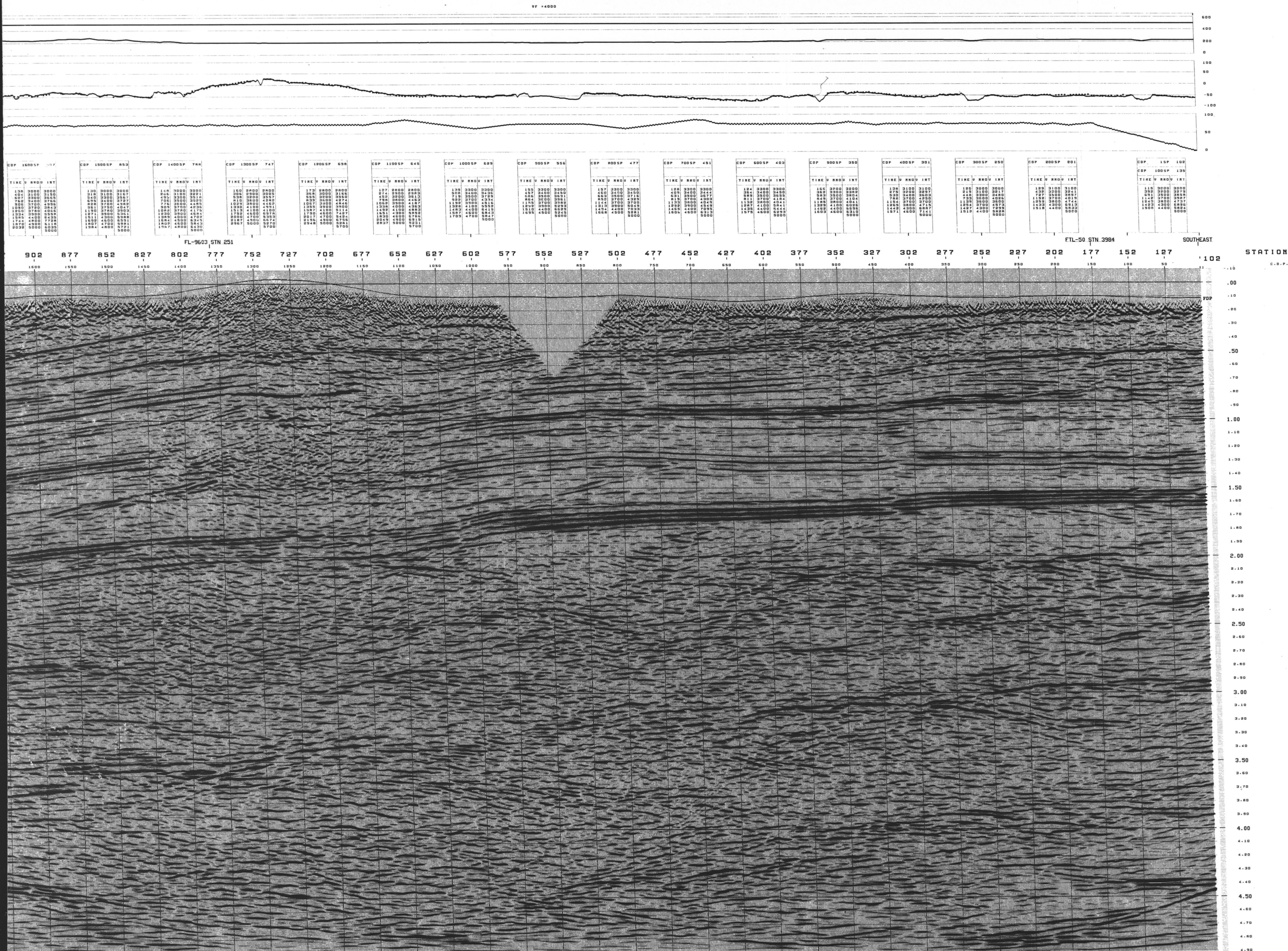




CGG - DATA PROCESSING SERVICES
700 404 6TH AVE. SW CALGARY 4250501

9228-B59-3E

OCELOT ENERGY

N.W. TERRITORIES

LR96-1

991

101

SHOT POINTS

SOUTHEAST

MIGRATION STACK
POLARITY: REVERSED

FOUR: 15

DATE: APRIL 1996

FIELD RECORDING

SHOT FOR: OCELOT ENERGY
SHOT BY: GEOFF-FARLEY
DATE SHOT: MARCH 1996
RECEIVED:
TYPE: OYO 0500X
FREQUENCY: 10 HZ
NO. GROUP: 9 OVER 20 H
SOURCE:
TYPE: VIBROSEIS
SHEEP: 10 - 80 HZ LINEAR
PATTERN: 4 VIBES IN LINE
DRAG LENGTH: 30 M
SHEEP LENGTH: 12 SEC X 4
INSTRUMENTS:
NAME/MODEL: I/O SYSTEM 2
FILTER: OUT-OUT HZ
NOTCH: OUT
SEC D:
TAPE FORMAT: 5 SEC
RECORD LENGTH: 2 MS
SAMPLE RATE: 2 MS
SPREAD:
SHOOTING DIRECTION: NW -> SE
TRACE 1: SE TRACE 300: NW
STATION INTERVAL: 20 M
SHOT INTERVAL: 40 M
TRACE: 1-----150-X-151-----300
OFFSET (M): 3010-----30 30-----3010



CGG - DATA PROCESSING SERVICES
CALGARY PROCESSING CENTRE 700-404 6TH AVE SW 4250501

PROCESSING

REFORMAT SEGY TO OGG FORMAT
RECORDED 5.5 2.0 MS
PROCESSED 5.5 2.0 MS
RAW RECORD DISPLAY
SPHERICAL DIVERGENCE GAIN RECOVERY
(A/T+1.8)
TRACE EDITING
PREDICTIVE DECONVOLUTION
OPERATOR LENGTH: 100 MS LAG 12 MS
WINDOW: 400-4000 MS (NEAR OFFSET)
PREWHITENING: 1.00 PERCENT
HEATHERING AND ELEVATION STATICS
TO A FLOATING DATUM PLANE (FDP)
VELOCITY ANALYSIS
TYPE: SEPARABLE PLOTS AND CONSTANT VELOCITY STACKS
INTERVAL: 2000 M
SURFACE CONSISTENT AUTOMATIC STATICS
MEDIUM FREQUENCY STATICS
WINDOW: 400 - 4000 MS
DIP LIMITS: +/- 40 MS / 40 TRACES
VELOCITY ANALYSIS
TYPE: SEPARABLE PLOTS AND CONSTANT VELOCITY STACKS
INTERVAL: 1000 M
SURFACE CONSISTENT AUTOMATIC STATICS
HIGH FREQUENCY STATICS
WINDOW: 600 - 3600 MS
DIP LIMITS: +/- 20 MS / 24 TRACES
FK FILTER - 08 SHOT GATHS
RANDOM NOISE ATTENUATION
DIP MOVEOUT - COMMON OFFSET PLANE
KIRCHOFF CONSTANT VELOCITY
VELOCITY ANALYSIS
TYPE: CONSTANT VELOCITY STACKS
DIP VELOCITY ANALYSIS
INTERVAL: 500 M
FINAL NMO CORRECTIONS (REFERENCED TO SURFACE) (FDP)
NOTES APPLICATION FROM SURFACE (FDP)
TIME (MS): 0 150 350 650
OFFSET (M): 250 450 1010 3010
TAPER 32 MS
STACK: 1500 PERCENT
STATICS TO FIXED DATUM
STRUCTURAL DATUM: 500 M ASL
REPLACEMENT VELOCITY: 4000 M/SEC
WAVE EQUATION MIGRATION
SPACE-FREQUENCY DOMAIN 90% STACK VELS
FILTER: ZERO PHASE BANDPASS
80/12 - 65/75 HZ
EQUALIZATION (DYNAMIC):
300 MS HENDON: 50 PERCENT OVERLAP 0-900 MS
700 MS HENDON: 50 PERCENT OVERLAP 750-5000 MS

DISPLAY

PLOTTER: ATLANTIC
SCALE: HORIZONTAL: 40 TRACES/INCH
VERTICAL: 3.75 IN./SEC.
DISPLAY DATE: APRIL 1996

SCALE
100 TR. = 1 KILOMETER

