

CGG - DATA PROCESSING SERVICES
700 404 6TH AVE. SW CALGARY 4258502

9229-B59-3E
OCELOT ENERGY

N.W. TERRITORIES

LR96-2

917

101

SHOT POINTS

NORTHEAST

MIGRATION STACK
POLARITY: NORMAL

FOCUS: 15
DATE: APRIL 1996

FIELD RECORDING

SHOT TUB: OCELOT ENERGY
SHOT BY: GUYO-PARLA
DATE SHOT: MARCH 1996
RECEIVER
TYPE: 070 G5500K
FREQUENCY: 10 KC
NO. GROUP: 4 OVER 20 M
SOURCE
TYPE: VIBROSEIS
SHEEP: 10 - 80 KC LINEAR
PATTERN: 4 VIBES IN LINE
DRAG LENGTH: 30 M
SHEEP LENGTH: 12 SEC X 4
INSTRUMENTS
NAME/MODEL: 1-0 SYSTEM 2
FILTERS: OUT-OUT KC
NOTCH - OUT
TAPE FORMAT: SEC D
RECORD LENGTH: 5 SEC
SAMPLE RATE: 2 MS
SPREAD
SHOOTING DIRECTION: NE -> SW
TRACE 1: NE TRACE 300: SW
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 4700-404 6TH AVE SW 4258502

PROCESSING

REFORMAT SENT TO CGG FORMAT
RECORDED 5 S 2.0 MS
PROCESSED 5 S 2.0 MS
RAW RECORD DISPLAY
SPHERICAL DIVERGENCE GAIN RECOVERY
TATT=1.8
TRACE EDITING
PREDICTIVE DECONVOLUTION
OPERATOR LENGTH: 100 MS LAG 12 MS
HINDOH: 400-4000 MS (NEAR OFFSET)
PRESHIFTING: 1.00 PERCENT
HEATHERING AND ELEVATION STATICS
TO A FLOATING DATUM PLANE
VELOCITY ANALYSIS
TYPE: SEIRANCE PLOTS AND CONSTANT VELOCITY STACKS
INTERVAL: 2000 M
SURFACE CONSISTENT AUTOMATIC STATICS
MEDIUM FREQUENCY STATICS
HINDOH: 400 - 4300 MS
DIP LIMITS: +/- 40 MS / 40 TRACES
VELOCITY ANALYSIS
TYPE: SEIRANCE PLOTS AND CONSTANT VELOCITY STACKS
INTERVAL: 1000 M
SURFACE CONSISTENT AUTOMATIC STATICS
HIGH FREQUENCY STATICS
HINDOH: 400 - 3600 MS
DIP LIMITS: +/- 20 MS / 24 TRACES
FK FILTER - ON SHOT GATES
RANDOM NOISE ATTENUATION
DIP MOVEOUT - COMMON OFFSET PLANE
KIRCHOFF CONSTANT VELOCITY
VELOCITY ANALYSIS
TYPE: CONSTANT VELOCITY STACKS
RVP VELOCITY ANALYSIS
INTERVAL: 500 M
FINAL RMO CORRECTIONS (REFERENCED TO SURFACE)
NOTES APPLICATION FROM SURFACE (RVP)
TIME (MS) 0 150 350 550
OFFSET (M) 290 450 1010 3010
TAPER: 32 MS
STACK: 7500 PERCENT
STATICS TO FIXED DATUM
STRUCTURAL DATUM: 500 M ASL
REPLACEMENT VELOCITY: 4000 M/SEC
HAVE ELEVATION MIGRATION
SPACE-FREQUENCY DOMAIN 90+ STACK VELS
FILTER: ZERO PHASE BANDPASS
00.12 - 55/75 HZ
EQUALIZATION (DYNAMIC)
300 MS HINDOH, 50 PERCENT OVERLAP 0-900 MS
700 MS HINDOH, 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



OCELO

N.W. TE

LF

917

NORT

MIGRAT
POLAR 11

FOLD:

DATES:

FIELD

SHOT TYPE: OCELOT ENERGY
SHOT BY: GEOFF-PHALLA
DATE SHOT: MARCH 1996
RECEIVER
TYPE:
FREQUENCY:
NO. GROUP:
SOURCE
TYPE:
SHEEP:
PATTERN:
DRAW LENGTH:
SHEEP LENGTH:
INSTRUMENTS
NAME/MODEL:
FILTER:
TAPE FORMAT:
RECORD LENGTH:
SAMPLE RATE:
SPREAD
SHOOTING DIRECTION:
TRACE 1: NE TRAM
STATION INTERVAL:
SHOT INTERVAL:
TRACE:
OFFSET (M):



PROC

REFORMAT SEGY TO CGG FORM
RECORDED 5.5 2.0 MS
PROCESSED 5.5 2.0 MS
RAW RECORD DISPLAY
SPHERICAL DIVERGENCE GAIN
(A/T)*1.8
TRACE EDITING
PREDICTIVE DECONVOLUTION
OPERATOR LENGTH: 100 M
HINDOX: 400-4
PREWHITENING: 1.00
HEATREPPING AND ELEVATION 3
TO A FLOATING DATUM PL
VELOCITY ANALYSIS
TYPE: SEMBLANCE PLOTS
INTERVAL: 2000 M
SURFACE CONSISTENT AUTOMAT
REDUCE FREQUENCY STATION
HINDOX: 400 - 4000 MS
DIP LIMITS: +/- 40 MS
VELOCITY ANALYSIS
TYPE: SEMBLANCE PLOTS
INTERVAL: 1000 M
SURFACE CONSISTENT AUTOMAT
HIGH FREQUENCY STATION
HINDOX: 400 - 3600 MS
DIP LIMITS: +/- 20 MS
FX FILTER - ON SHOT GATES
RANDOM NOISE ATTENUATION
DIP MOVEOUT - COMMON OFFSET
KIRCHHOFF CONSTANT VELOX
VELOCITY ANALYSIS
TYPE: CONSTANT VELOCITY
RIP VELOCITY ANAL
INTERVAL: 500 M
FINAL NMO CORRECTIONS (REFE
NUTES APPLICATION FROM SURF
TIME (MS) 0 150 3
OFFSET (M) 200 450 10
TAPER 32 MS
STACK: 7500 PERCENT
STATISTICS TO FIXED DATUM
STRUCTURAL DATCH:
REPLACEMENT VELOCITY:
WAVE EQUATION MIGRATION
SPACE-FREQUENCY DOMAIN
FILTER: ZERO PHASE BANDPASS
00/12 - 65/75 MC
EQUALIZATION (DYNAMIC):
300 MS HINDOX, 50 PERCENT
700 MS HINDOX, 50 PERCENT

DISP

PLOTTER: ATLANTIC
SCALE: HORIZONTAL
VERTICAL
DISPLAY DATE: APRIL 1

