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PROJ. NO.

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A

LINE NO.

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6

PART NO.

1

OF

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R.R. 8X

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9227-022-1DA

OCELOT ENERGY INC.

EAST

FORT LIARD, NWT.
REVERSE POLARITY

LINE: CCO-6
S.P.: 1 - 37
DMO MIGRATION STACK

LOCATION: SP 1 60.4 N 123.00 W
SP 37 60.4 N 123.15 W
DATUM: 500 M
REPL VEL: 4000 M/SEC

PROCESSED BY: GECO - PRAKLA
DATE PROCESSED: JUNE 1995

FIELD RECORDING

SHOT FOR: PAN AMERICAN PETROLEUM CORP
SHOT BY: N/A
DATE: JANUARY 1969

GROUP INT: 125 M
SHOT INT: 375 M
SPREAD: 2187.5--62.5--X--62.5--2187.5 M
TRACE NO: 1 18 19 36

SOURCE
TYPE: DYNARITE
PATTERN: 2 HOLES
CHARGE DEPTH: 14.6 M
CHARGE SIZE: 1.13 KG

RECEIVERS
TYPE: L2-A 14 HZ
PATTERN: 12 PHONES PER GROUP

INSTRUMENTS
TYPE: T-401
TOTAL CHANNELS: 36
FIELD FILTER: 5 - 270 HZ, NOTCH N/A
FORMAT: ANALOG
SAMPLE RATE: 2 MS
RECORD LENGTH: 5 SEC

PROCESSING SEQUENCE

1. SEG Y REFORMAT
4.0 SEC
2. TRUE AMPLITUDE GAIN RECOVERY
3. DECONVOLUTION
TYPE: PREDICTIVE
OPERATOR LENGTH: 100 MS
PRE-WHITENING: 1.0 Z
DESIGN GATE: 62 M: 500 - 3200 MS
2200 M: 1000 - 2800 MS
4. TRACE EQUALIZATION
WINDOW: 2000 MS
5. ELEVATION AND WEATHERING CORRECTION
REPLACEMENT VELOCITY 4000 M/SEC
DATUM: 500 M ASL
6. CDP TRACE GATHER
STRAIGHT LINE BINNING
7. VELOCITY ANALYSIS
8. NORMAL MOVEOUT CORRECTION
REFERENCED TO FLOATING DATUM
9. SURFACE CONSISTENT STATICS
MAX. STATIC: +/- 24 MS
WINDOW: 650 - 2800 MS
10. VELOCITY ANALYSIS
11. NORMAL MOVEOUT CORRECTION
REFERENCED TO FLOATING DATUM
12. SURFACE CONSISTENT STATICS
MAX. STATIC: +/- 12 MS
WINDOW: 500 - 2800 MS
13. COMMON OFFSET F-K DMO
14. VELOCITY ANALYSIS
15. FRONT MUTE
AUTOMATIC STRETCH MUTE
MAX STRETCH ALLOWED - 35%
16. TRIM STATICS
MAX. STATIC: +/- 5 MS
WINDOW: 500 - 2800 MS
17. STACK
AVERAGE FOLD: 6
18. STEEP DIP FINITE DIFFERENCE MIGRATION
8X STACKING VELOCITY
90 DEGREE ANGLE
19. BANDPASS FILTER
10/15 - 75/65 HZ
20. EQUALIZATION
WINDOW(MS): 0-600
200-900
600-1200
900-1600
1600-4000

FILM DISPLAY BY: EXSEL
FILM DATE: APRIL 1996
QUALITY CONTROL: PC

DISPLAY PARAMETERS: OVERLAP 0.70 TRACES
VERT 3.75 IN/SEC. HORIZ 12.00 TB/IN PRESAMPLE -1.00

EXPLORATION SEISMIC

EXSEL
SERVICES LTD.

