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Cable: TERRA

PROJ. NO: 5

7

6

4

1

8

0

9

4

PART NO: 1 of 1 R.R. 8 X

057-06-04-118

MOBIL OIL CANADA, LTD.

PHOENIX JOB PROCESSING
CALGARY, ALBERTA

LINE NO. 248-0-94

DIRECTION 103 TO 152

SHOTPOINT

AREA CROSS LAKE

CHGE.# PROJECT 81099

MAP SHEET

PROVINCE BRITISH COLUMBIA/N.W.T.

VERSION ☒ STRUCTURE (MIGRATED)

POLARITY REVERSE FOLD 24

FIELD RECORDING

RECORDED BY CENTURY GEOPHYSICAL CORP.
RECORDED FOR MOBIL OIL CANADA LTD.
DATE RECORDED JANUARY 1981

TOTAL FOLD 24 TRACES/RECORD 48

FIELD SYSTEM DIGITAL ☒ TRACK 9

ANALOG ☐ PE ☐ MZ

INSTRUMENT TYPE DRS V (TEP)

RECORD LENGTH 1 s SAMPLE RATE 2 ms

RECORD FILTER LOWCUT 18 Hz/18 db/octave

HIGHCUT 128 Hz/48 db/octave

GAIN CONTROL ☒ BINARY

ENERGY SOURCE ☒ DYNAMITE ☐ OTHERS

CHARGE SIZE Vagabond between 10 and 18 meters

HOLE DEPTH 10 and 18 meters

SWEPT FREQUENCY ☐ VIBROSEIS ☐ and 1 Kg.

NO. OF SWEEPS

SWEET LENGTH

ENERGY SOURCE SPACING 65 meters

GEO. GROUP SPACING 65 meters

TYPE GEOPHONE 55C - 200 (6 Hz)

NO. OF GEOPHONES PER GROUP 24 @ 6 meters

SPREAD CONFIG. ☐ UNILAT. ☒ BILAT.

SPREAD DIAGRAM

TR1 1024 X 1024 150cm. 150cm.

TR2 62m. 62m. 150cm.

REMARKS

DISPLAY INFORMATION

HORIZONTAL SCALE 12 TRACES/INCH

SUBSURFACE TRACE SPACING 32.5

REMARKS VERTICAL SCALE 7.5 INCHES/SECOND

PROCESSING PROCEDURE

DATE PROCESSED JULY 1981

PROCESSED SAMPLE RATE 4 ms

INPUT FORMAT SEC B TRACK 9

DEMUX

REMOVE D.C. BIAS

BINARY GAIN RESTORATION

SPHERICAL DIVERGENCE

PROGRAM GAIN

GATHER

EDIT

TRACE MUTE

MEAN REMOVAL

TRIM

SINGLE WINDOW

21

MULTI-WINDOW

0.000 to 3.000 s
op.L. 800 ms

0.000 to 3.000 s
op.L. 2500 ms

REMARKS

DECONVOLUTION

SINGLE WINDOW SPRIKE

0.50 to 1.500 s
op.L. 60 ms

MULTI-WINDOW SPRIKE

0.50 to 3.000 s
op.L. 550 ms

SINGLE WINDOW GAPPED

0.50 to 3.000 s
op.L. 600 ms

REMARKS

STATISTICS

ELEVATION-DATUM

WEATHERING

SURFACE CONSISTENT (Window: 0.5-1.60 sec.)

RESIDUAL (Window: 0.5-1.60 sec.) 1.5 trace

VELOCITY DETERMINATION C.V. STACKS

NMO

FILTER

BAND PASS 12/17-45/60 HZ 0 PHASE

TIME VARIANT

BAND PASS

STACK

FOLD 24

TYPE F-K DOMAIN

MIGRATE

REMARKS

PROCESSED BY J.O. BUNKER

