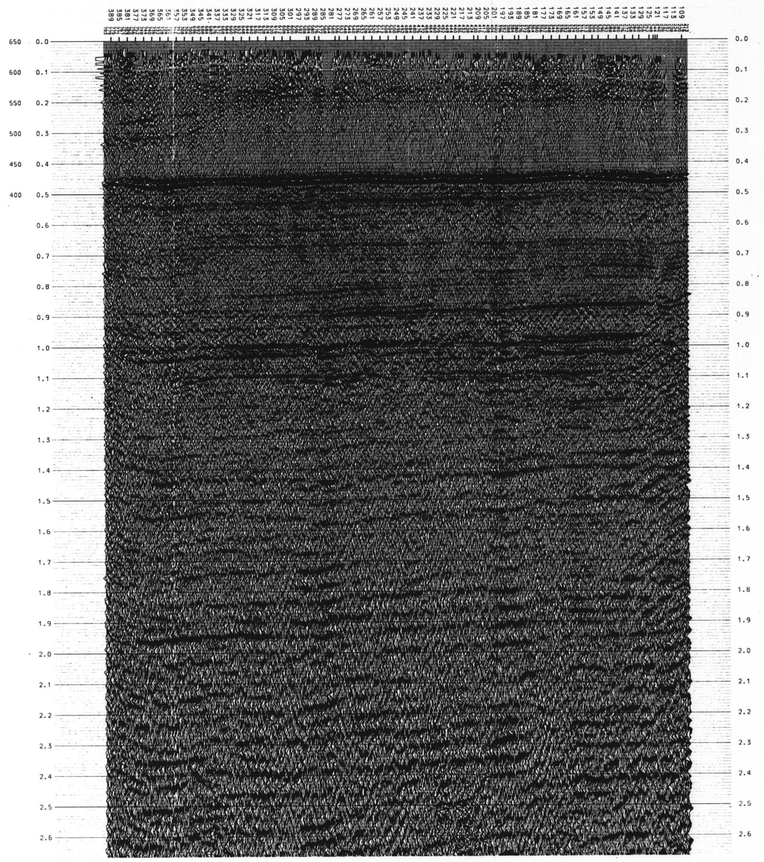

9229-H5-1E

WEST CAMERON HILLS N.W.T.
LINE 83-148 ----------> E
FINAL STRUCTURE STACK

LINE-ID =WCH83148= LOGICAL FILE =7275763 (5245101
PROCESSING HISTORY
FBP31,SCN,1,TDEX1,FBP32,SCN,2,HEADX,CATHY,AMAD1,EDIT1,EDIT2,STBC1,EDIT3,TS745
DATE = 05/11/84 TIME = 01:05.36 RLENG = 3000 MS SAMPR = 2 MS

PLOT SPECIFICATIONS

PLOTTER SPEED = 7.50 INCHES/SECOND
NO. OF TRACES/INCH = 40
RELATIVE AMPLITUDE = 150 PERCENT
NORMAL POLARITY
SHOW WIGGLE TRACE
SHOW VARIABLE AREA

RECORDING PARAMETERS

RECORDED BY CENTURY GEOPHYSICAL CREW 5-32
RECORDING INSTRUMENTS DFS-V 24 BIT DIGITAL
RECORDING FILTER OUT-128 HZ, NOTCH OUT
ENERGY SOURCE DYNAMITE: 1/2 KG. AT 13 METRES
SPREAD 1LOB:35.5-V-35.5-1LOB METRES
TRACE INTERVAL 33.5 METRES
SOURCE INTERVAL 67.0 METRES
COVERAGE 1200 PERCENT
GEOPHONES & PATTERN GSC-20P-32-135,16 HZ., 9 AT 4.2 M.
DIRECTION OF SHOOTING EAST TO WEST NO.105 1951
DATE SHOT FEBRUARY 04&05 ,1984
FIELD REELS 1027 & 1008 2MS X 1SEC.X 1600BPI

PROCESSING PARAMETERS

MULTIPLEXED INPUT FORMAT - SEG-B, GAINCED BINARY GAIN
TIME VARIANT SCALING AT 100 MS INTERVALS
SHOT 105 -1200 -500 -000 600 800 1100 1400 1800 1900 2100 2400
2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3600
4000 4600 5600 5600 5600 5600 5600 5600
FREQUENCY DOMAIN DECONVOLUTION
SHOT= 0 TIME= 0 OVERLAP= 200 MS FILTER= 8-12-100-125 HZ
TRANSMISSION LOSS RECOVERY WINDOW LENGTH = 200 MS
RMS CALCULATIONS SWORED
TIME DOMAIN DECONVOLUTION
SHOT= 125 TIME= 0 OVERLAP= 200 MS WHITENING= 1.0 PERCENT
AUTOCORRELATION WINDOW FROM 350 TO 1700 MS
DECON OPERATOR LENGTH= 100 MS WITH A PREDICTION DISTANCE OF 0 MS
FREQUENCY DOMAIN BANDPASS FILTER
SHOT= 125 TIME= 0 OVERLAP= 200 MS FILTER= 5-15- 70- 90 HZ
LINEAR AMPLITUDE SCALING 700 MS FIXED WINDOW LENGTH = 700 MS
RMS CALCULATIONS SWORED
COMMON DEPTH POINT SORT
INPUT DATA SELECTED FROM CDP = 1 TO CDP 99999
WITH MINIMUM DISTANCE OF 0 AND MAXIMUM DISTANCE OF 99999
CROSSED LINE TRACE GATHER SUBSURFACE CDP SPACING LENGTH = 1200 FT
HI-FI MMO APPLIED
SHOT 105 DATUM ELEV CHANGE AT SURFACE LOCATION = 155 USED AT 100 I
1400 1900 2200 2600 3200 3400 3600 3734 3840 3920 4000 4060
4120 4170 4210 4250
WEATHERING CORRECTIONS APPLIED
SHOT 105 DATUM ELEV 1400 DATUM VELOCITY = 2100
SURFACE CONSISTENT STATICS APPLIED
CORRELATION STATICS WINDOW FROM 400 TO 1500MS, MAX CORR STATIC = 12 MS
MUTE TABLE FOR LOCATION 1
50% 200 512 520 1560 900 1394 3000
COMMON DEPTH POINT STACK
SCS WINDOW FROM 400-1500MS
FILTER 15 60 MAX CORR=30MS

home oil

terra
2050 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel.(613) 731-9571
Telex: 053-3502 Cable: TERRA
PROJ. NO. 9229-H5-1E
LINE NO. 83-148
PART NO. 1 OF 1
R.R. 10X