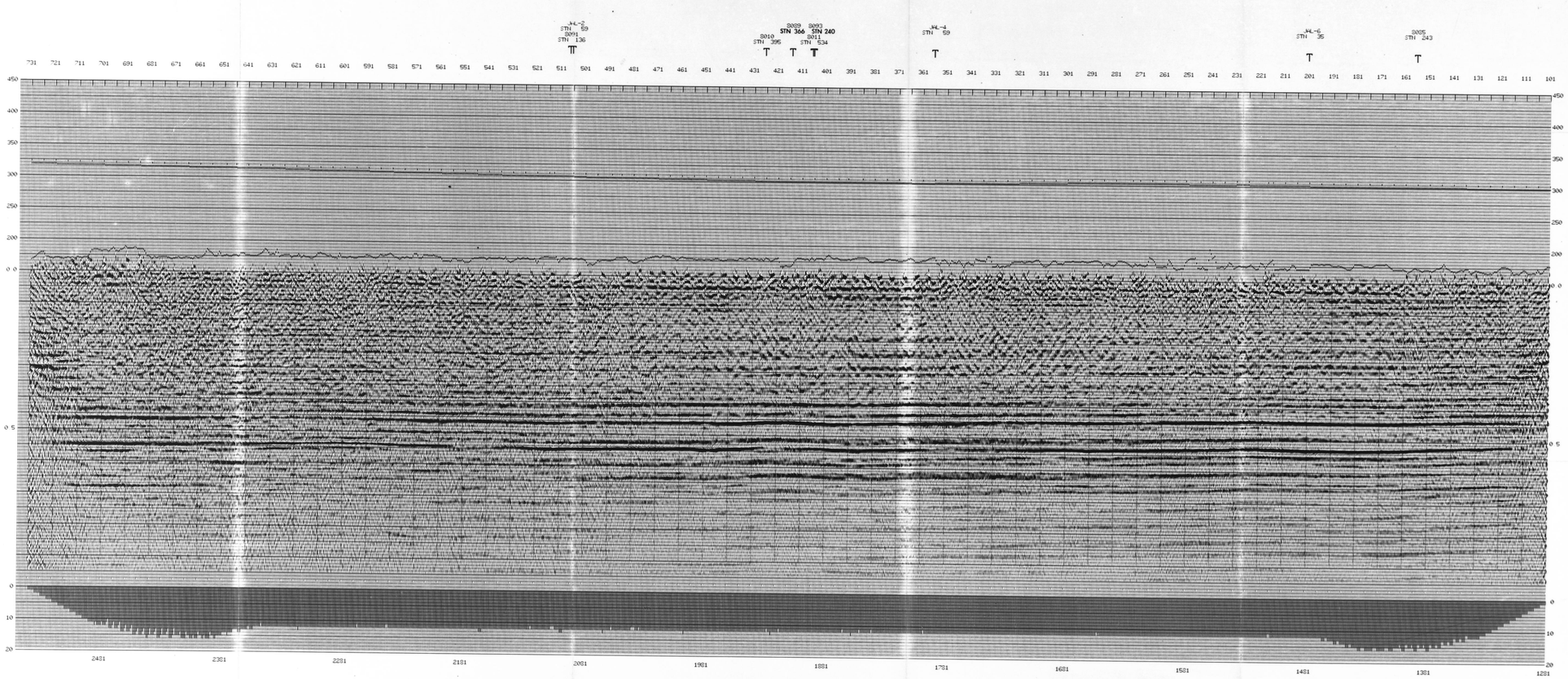
9229-P28-16E

CAMERON HILLS 8012 M



PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8012
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 731 ——→ E SP 101

MIGRATED SECTION

POLARITY ☒ NP ☐ RP
FIRST KICK POLARITY ABOVE FOLD BARS. PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SHOT BY:	SONICS EXPLORATION PTY. 901
DATE:	JAN 1986
SPREAD:	630 M - 40 M * 40 M - 630 M
SOURCE INTERVAL:	50 M
RECEIVER INTERVAL:	10 M
SOURCE:	VIBROSEIS, 3 VIBRS, 30 M DRAG, 12 SEC SWEEP, 14-96 HZ, 8 SUMS
RECEIVERS:	OTO, 14 HZ, 9 OVER 10 METERS
INSTRUMENTS:	DFS-V FT-1 120 TRACE
GAIN MODE:	IFP
TAPE FORMAT:	SEG Y
FIELD FILTERS:	OUT-128 HZ NOTCH: OUT
SAMPLE RATE:	2 MS.

PROCESSING PARAMETERS

PROCESSED BY GEO-X DATE: MAR 1986	GEO-X SYSTEMS LTD. JTB
DIGITAL CONVERSION	
AMPLITUDE RECOVERY	(AT)EXP(BT)
DECONVOLUTION	TYPE: ZERO-PHASE OPERATOR LENGTH: 60 MS. PREWHITENING: 1 % GATE: 200-1000 MS. AT 0 OFFSET 450-1030 MS. AT 630 M OFFSET
STRUCTURAL CORRECTIONS	DATUM ELEVATION: 300 M DATUM VELOCITY: 4500 M/SEC. PROCESSING DATUM: -100 MS. ELEVATION, WEATHERING, AND DRIFT (DYNAMITE REFRACTION SURVEY)
ANALYSIS	PRELIMINARY VELOCITIES AND STATICS
STATICS TRACE KILLS	SURFACE STACK RESIDUAL
VELOCITY ANALYSIS FINAL MOVEOUT	
MEAN SCALING	100-850 MS.
MUTE DISTANCE(M) TIME(MS)	140 1260 210 1000
STATICS	SURFACE CONSISTENT RESIDUAL WINDOW: 100-850 MS.
TRACE GATHER	FOLD: 12
STATICS	CDP CROSS CORRELATION
STACK	
PREDICTIVE DECONVOLUTION	OPERATOR LENGTH: 60 MS. PREDICTION DISTANCE: 30 MS. WINDOW: 50-850 MS.
MIGRATION	K-K MIGRATION 80% STACKING VELOCITIES
FILTER	14/18 - 80/90 HZ
EQUALIZATION	MEAN WINDOW: 100-850 MS.
DISPLAY	HORIZONTAL SCALE = 36 TR./ IN. VERTICAL SCALE = 7.5 IN./ SEC.

Terra Geophysics
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Tel: (613) 731-9571
Telex: 053-3502 Cable: TERRA
PROJ. NO. 9229-P28-16E
LINE NO. 86-PCR-8012
PART NO. 1 OF 1
R.R. 8X