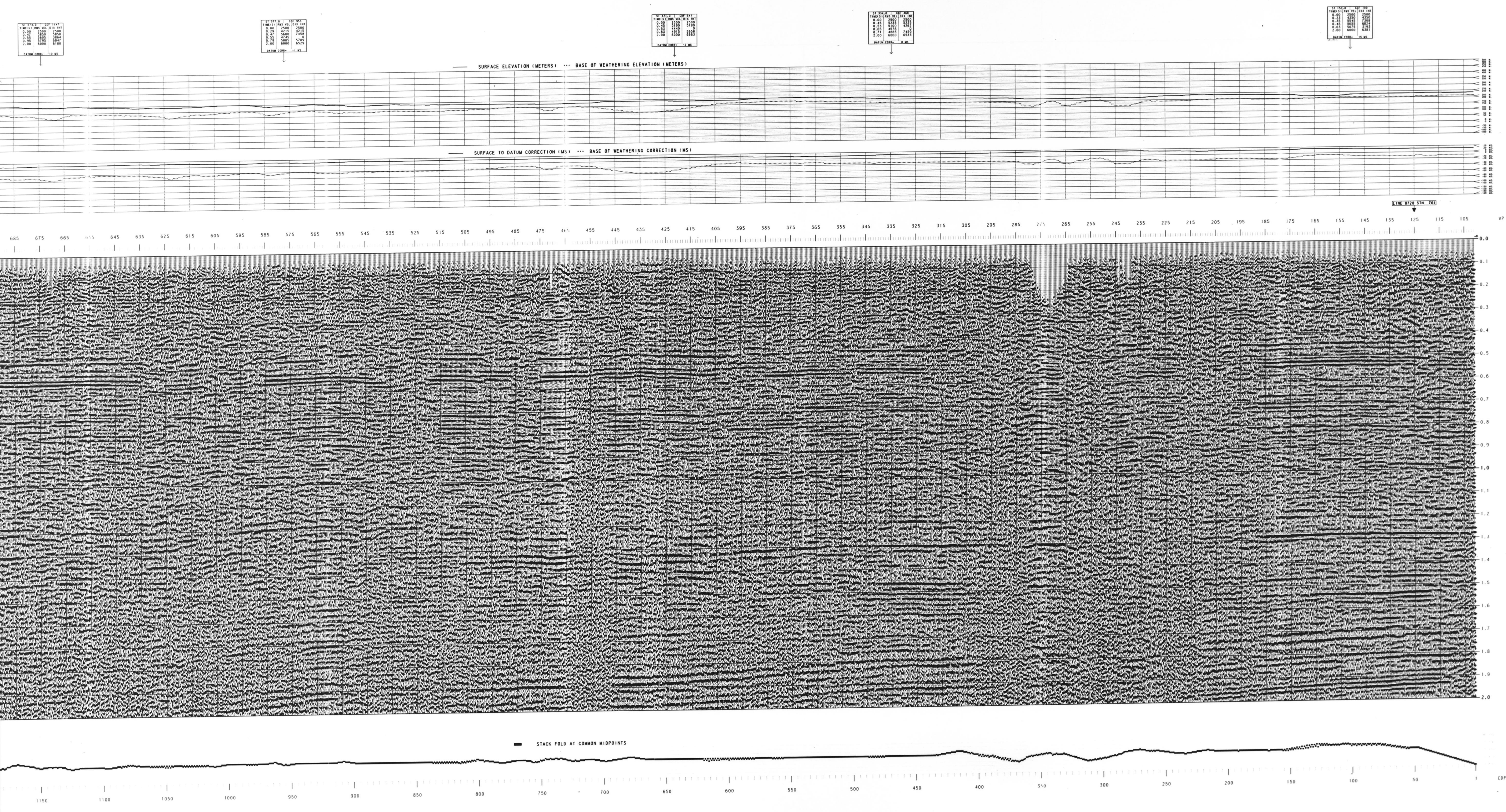




H5026 8731-03

LINE 8727
V.P. 101-821
STRUCTURAL STACK

NORMAL POLARITY
SOUTH-EAST

PETRO-CANADA INC.	
PROCESSED BY: WESTERN GEOPHYSICAL, DIVISION OF LITTON INDUSTRIES	
AREA: COLVILLE, N.W.T.	
SURVEY DATE: FEBRUARY 1966	
PROCESSING DATE: FEBRUARY 1966	
RECORDED BY: WESTERN GEOPHYSICAL CO. LTD.	
REPLACEMENT VELOCITY: 6000 M/SEC	
DATUM ELEVATION: 305 METERS	
RECORDING INFORMATION	
SOURCE: ENERGY SOURCE: VIBROSEIS VIBRATION MODEL: L80-300 SHEEP FREQUENCY: 20-100 HZ LINEAR SHEEP LENGTH: 6 SEC NUMBER OF SHEEPS: 6 SHOT LENGTH: 60 M SOURCE TO FIRST RECEIVER: 60 M VIB. POINT INTERVAL: 60 M GROUPS DROPPED IN GAP: 7	
INSTRUMENTS: AMPLIFIER: DPS 9 FILTER: CUT-120 HZ RECORD LENGTH: 6 SEC RECORD LENGTH: 6 SEC RECORD LENGTH: 6 SEC TYPE FORMAT: SEC-9	
RECEIVERS: GEOPHONE TYPE: L80-1011 IN HZ GEOPHONES PER GROUP: 5 PER 100 M GROUPS RECORDED: 50 GROUP INTERVAL: 20 M PERCENT COVERAGE: 2400 X	
SPREAD GEOMETRY: SHOT: 1 TRACE: 48 X 48 DISTANCE: 1000 M 48 M X 48 M 1000 M	
PROCESSING SEQUENCE AND PARAMETERS	
1. DEMULTIPLIER: UNRECORDED COMPARISON PARALLEL TO 1.0 SECONDS	
2. TRACE EDIT: REMOVED ALL OF EVERY RECORD	
3. GEOMETRIC COMPUTATIONS: ELEVATION AND DISTANCES	
4. 60 HZ NOTCH FILTER: ATTENUATION 20 DB	
5. P-H DOMAIN FILTER: 5 - 12.5 M/SEC	
6. PHASE CORRECTION: LAP-1011 16 HZ GEOPHONES AMPLITUDE CORRECTION: RMS FUNCTION EXPERIMENTAL VALUE OF 1.5	
7. ZERO-PHASE FREQUENCY DECONVOLUTION: NEAR TRACE START TIME: 100 M START TIME VELOCITY: 6000 M/SEC WINDOW LENGTH: 1000 M PERCENT PRE WHITENING: 0.1	
8. PREDICTIVE DECONVOLUTION: NEAR TRACE START TIME: 100 M START TIME VELOCITY: 6000 M/SEC WINDOW LENGTH: 1000 M WINDOW PREDICTION DISTANCE: 20 M PERCENT PRE WHITENING: 0.1	
9. C.S.P. SQR: STATIC COMPUTATIONS: WIND, SLOPE, REFRACTION HEAVY AND METEOROLOGICAL CORRECTIONS	
10. AUTOMATIC STRETCHING: WIDENING: WIDENING: 1.5 X WIDENING: 1.5 X WIDENING: 1.5 X	
11. VELOCITY ANALYSIS: WIDENING: WIDENING: 1.5 X WIDENING: 1.5 X WIDENING: 1.5 X	
12. WINDING, WINDOUT CORRECTION	
13. WIND PATTERN: DISTANCE (METERS): TIME (M/SEC): 100 100 200 200 300 300 400 400	
14. STACK: 200 1.000 M/SEC WIND CORRECTION FROM STATIC	
15. TIME VARIATION FILTER: TIME: 100 1000 20-50 HZ, 10-40 DB RECTANGLE 1000 20-50 HZ, 10-40 DB RECTANGLE	
16. REFLECTION STRENGTH DATA: WINDING TIME: 100 M/SEC WINDING TIME: 100 M/SEC	
17. R.M. DATA: 100000 M/SEC	
DISPLAY PARAMETERS	
HORIZONTAL SCALE: 24 TRACES PER INCH	
VERTICAL SCALE: 7.5 INCHES PER SECOND	
PLOTTER: 12 IN	

