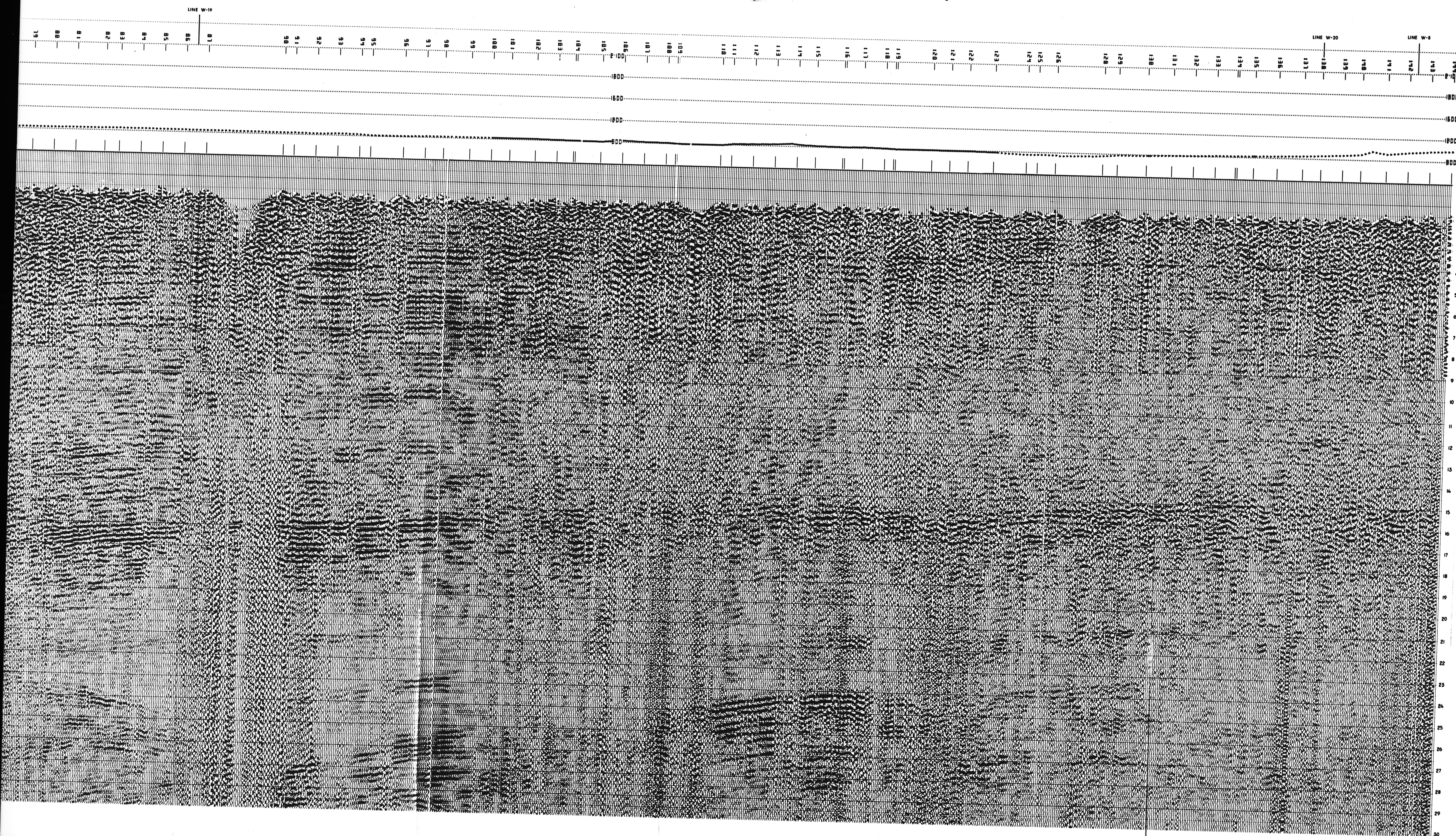


028-06-06-065-134



028-06-06-065

AREA : HORTON RIVER, N.W.T.
LINE : W-18
PROJECT NO : GO569-E

DIRECTION : NORTH
TYPE SHOOTING: WINTER
SHOT BY: WESTERN GEOPHYSICAL PARTY P-35
DATE SHOT: DECEMBER 1974 - FEBRUARY 1975
FIELD RECORDING: ☒ DIGITAL ☒ ANALOG
FIELD INSTRUMENTS: PPS III
TAPE SYSTEM: 9 TRACK
NO. OF TRACES PER DIGITAL FORMAT: 5 P : 48
RECORD LENGTH: 1000 SEC
TAPE RATE: LOW SEC HIGH 124 AGC
GAIN INFORMATION: ☒ PGC ☒ PWD ☒ AGC
SWEEP FREQUENCY: FROM HZ TO HZ
SWEEP LENGTH: SEC
NO. OF VIBRATORS: 10
TYPICAL CHARGE SIZE: 10 NO SWEEPS
SHOT METER: SINGLE HOLE 180 SHOT DEPTH: 61-65 FT
GEOPHONE: ARMY WARTING - 2 REFERRER WWP 200 FT
SPREAD LAYOUT: 2640' x 110' x 110' x 2640'
REMARKS:

STATIC CORRECTION BY: UNION OIL COMPANY LIMITED

STACK : 400 %
DATUM OR FLOATING HORIZON:

CORRECTION DATUM: ELEVATION 1,000 FT.

DATUM VELOCITY: 16,000 FT/SEC.

FLATTENER AT SEC.

FILTER: LOW CUT 25 LOW PASS 30 HIGH PASS 80 HIGH CUT 80

RECONVOLUTION:

☐ TRIM STATICS ☐ BEFORE ☐ AFTER STACK
☐ TRIM NMO ☐ POWER STACK
☐ MIX

PROCESSING SAMPLE RATE: 2 MS

☒ BANDS ☒ SPECTRAL ☒ POWERTRACE
☒ VELS ☒ VVF

PROCESSING APPLIED:

1) BWE - GAIN RECOVERY ONLY

2) ENHANCE

3) LOGICAL - EXPONENTIAL GAIN APPLIED-AUTOMATIC SCALING

4) PREDICT

5) NODS

6) NMO - MOVEMENT, KILLS, ELEVATION STATICS, INDIVIDUAL TRACE

7) NMO - TIMEING TRACK NOTES - PERMANENT NOTES

8) PETERS - 25/25 - 80/80

9) GATWATK - FRONT END NOTES, DIST. 1' - 150 msec.

10) ATOM - AUTOMATIC STATICS, 0.400-0.900 WIDENING 16 STATICS

11) GATWATK - GATHER + STACK WITH ATUS STATICS

DATE: MARCH 1975

REL NOS: FIELD 13249 MERGE 5713 OTHERS

REMARKS: 13250 5071

POLARITY REVERSED IN PLOT

VELOCITY FUNCTION

TWO WAY TIME AVERAGE VELOCITY

0.350 15,000

0.500 15,500

0.600 16,000

1.300 16,500

3.000 17,500

SUBSURFACE TRACE SPACING: 55 FT

uni-n

CONFIDENTIAL INFORMATION
NOT TO BE REPRODUCED
APPROVED FOR RELEASE: NOV 4 1975

BY: *[Signature]*

UNION OIL COMPANY OF CANADA LIMITED