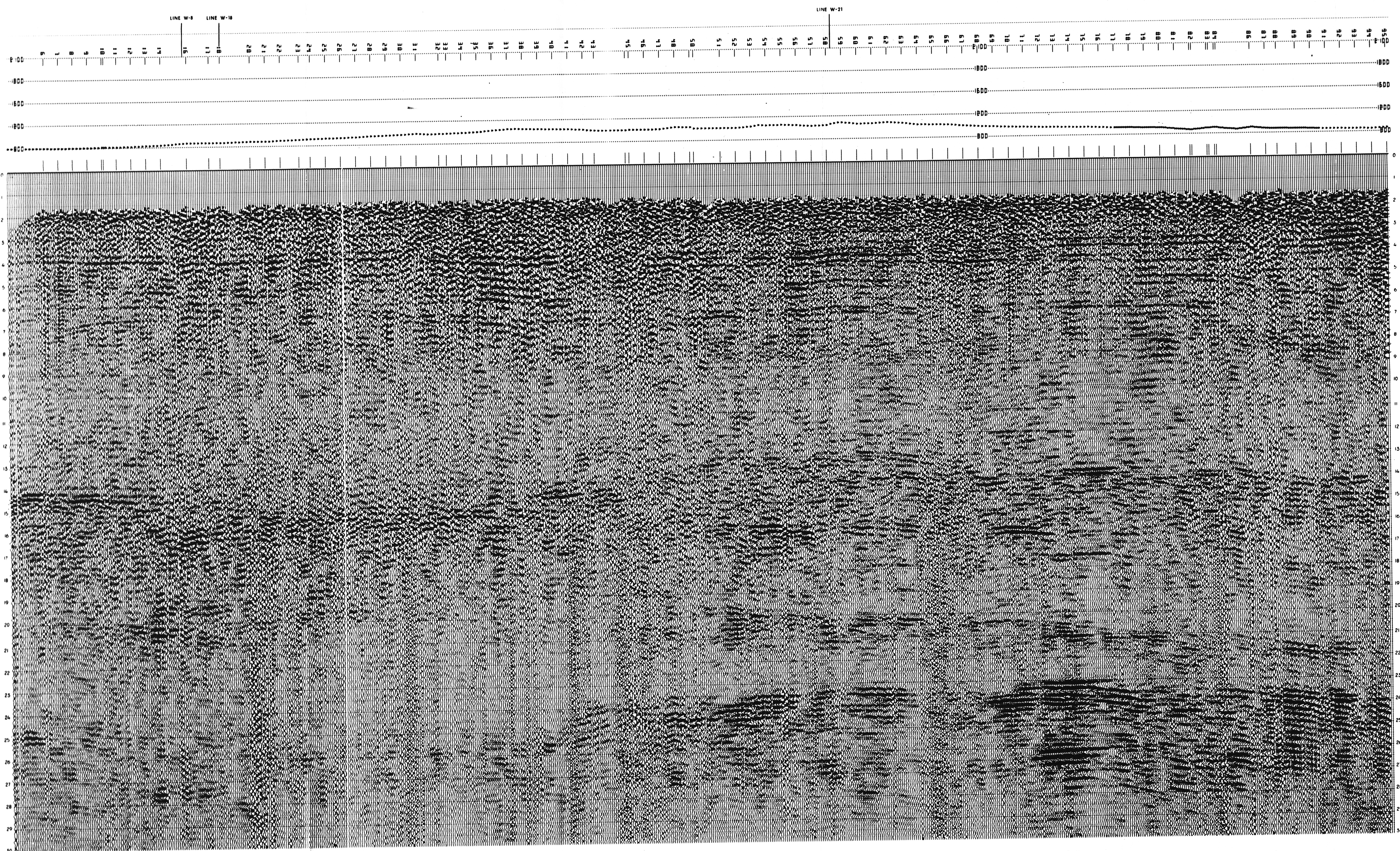


028-06-06-065-15

W-20



028-06-06-065

AREA : HORTON RIVER, N.W.T.
LINE : W-20
PROJECT NO. : G0569-E

DIRECTION : NORTHWEST

TYPE SHOOTING : HORIZONTAL
SHOT BY : MORTON GEOPHYSICAL PARTY P-35
DATE SHOT : DECEMBER 1974 - FEBRUARY 1975
FIELD RECORDING : 88 DIGITAL 13 ANALOG
FIELD INSTRUMENTS : OPS III
DATE SYSTEM : 5 TRACKS
NO. OF TRACES PER S.P. : 48
DIGITAL FORMAT : EPR
RECORD LENGTH : 3,000 SEC
DATE FILTER : LOW 18 HZ HIGH 124 HZ
GAIN INFORMATION : ☐ POS ☐ NEG ☐ GAIN ☐ AGC
SWEEP FREQUENCY : FROM SEC TO HZ
SWEEP LENGTH : SEC
NO. OF VIBRATORS : NO SWEEP
TYPICAL CHARGE SIZE : 10 LB. VOLT DEPTH 41-45 FT
SHOT METER : SINGLE HOLE
GEOPHONE ARRAI : 9/spacing - 2 settings over 200 ft.
SPREAD LAYOUT : 2640' x 110' x 110' x 2640'
REMARKS :

STATIC CORRECTION BY : UNION OIL COMPANY LIMITED

STACK : 600 %

DATUM OR FLOATING HORIZON :

CORRECTION DATUM ELEVATION : 1,000 ft.

DATUM VELOCITY : 18,000 ft/sec.

FLATTENER AT SEC.

FILTER LOW CUT 25 LOW PASS 30 HIGH PASS 80 HIGH 110
DECONVOLUTION ☐ BEFORE ☐ AFTER STACK
☐ TRIM STATICS ☐ POWER STACK
☐ TRIM NMO ☐ MIX

PROCESSING SAMPLE RATE 2 MS
☐ 2 BANDS ☐ SPECTRAL ☐ POWERTRACE
☐ VELOS ☐ VVT

PROCESSING APPLIED
1) DDT - GAIN RECOVERY ONLY
2) EXGAIN
3) EXGAIN - EXPONENTIAL GAIN APPLIED-AUTOMATIC SCALING
4) PREDIT
5) NMO
6) NMO - MOVING, KILLS, ELEVATION STATICS, INDIVIDUAL TRAC
METER 0.000-1.000 HZ
7) NMO - TRIMME TRAC METER 4 PERMANENT METER
8) EXGAIN - 25/20 - 80/20
9) GAINSTAK - FRONT END METER, DIST. 1' - 150 mm.
10) ATOS - AUTOMATIC STATICS, 0.400-0.800 WINDOW, 16 STAGE
NO TRACES KILLED
11) GAINSTAK - GAINSTAK + STACK WITH ATOS STATICS

DATE : MARCH 1975
REEL NOS : FIELD 12254 MERGE 5107 OTHERS
12255 5100
REMARKS :

POLARITY REVERSED IN PLT

VELOCITY FUNCTION		
TWO WAY TIME	FUNCTION	AVERAGE VELOCITY
0.110		15,000
0.220		15,500
0.440		16,000
0.660		16,500
0.880		17,000

SUBSURFACE TRACE SPACING 55 FT

UNI-N

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NOT TO BE REPRODUCED
APPROVED FOR RELEASE
BY: *[Signature]*
DATE: 4 1975
UNION OIL COMPANY OF CANADA LIMITED