

028-06-06-065-11

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AREA : HORTON RIVER NW.T.
LINE : W-24
PROJECT NO : GO569-E

DIRECTION : NORTH
TYPE SHOOTING : DYNAMIC
SHOT BY : WESTERN GEOPHYSICAL PARTY P-35
DATE SHOT : DECEMBER 1974 - FEBRUARY 1975
FIELD RECORDING : ☒ DIGITAL ☐ ANALOG
FIELD INSTRUMENTS : BPS III
DATE SYSTEM : 9 TRACES
DIGITAL FORMATS : CPU SAMPLE RATE : 2 MS
NO. OF TRACES PER S.P. : 48
DATE FILTER : LOW 18 HIG 124 AGC
GAIN INFORMATION : ☐ FIXED ☐ GAIN ☐ BINARY
SWEEP FREQUENCY : FROM HZ TO HZ
SWEEP LENGTH : SEC NO SWEEP
NO. OF VIBRATORS : SEC
TYPICAL CHARGE SIZE : 80 (BS) SHOT DEPTH 43-45 FT
SHOT METER : BIRCHIE BOWEN
GEOPHONE ARRAY : ☒ SPREADING ☐ STIFFING ☐ STIFFING OVER 200 FT.
SPREAD : LANDUT 275'-250'-250'-250'

REMARKS :

STATIC CORRECTION BY UNION OIL COMPANY LIMITED
STACK : 600 %
DATUM OR FLOATING : HORIZON
CORRECTION DATUM : ELEVATION : 1,000 FE.
DATUM VELOCITY : 16,000 FT/SEC.
FLATTENER AT : SEC.

FILTER : LOW CUT 25 LOW PASS 30 HIGH PASS 80 HIGH CUT 80
DECONVOLUTION : ☐ BEFORE ☐ AFTER STACK
☐ TRIM STACK ☐ 2-D FILTER
☐ TRIM NMO ☐ POWER STACK
☐ MIX

PROCESSING SAMPLE RATE : 2 MS
☐ BANDS ☐ SPECTRAL ☐ POWERTRACE
☐ VELOS ☐ VVF

PROCESSING APPLIED
1) BPS - GAIN RECOVERY ONLY
2) EXGAIN
3) EXGAIN - EXPONENTIAL GAIN APPLIED-AUTOMATIC SCALING
4) FREDET
5) NEMO
6) NEMO - NOISEOUT, KILLS, ELEVATION STATICS, INDIVIDUAL TRACES
7) NEMO - NOISEOUT, KILLS, ELEVATION STATICS, INDIVIDUAL TRACES
8) PSTRM - 25/30 - 80/90
9) GATHEM - FRONT END METER, DIST. 1' - 150 MM.
10) ATOM - AUTOMATIC STATICS, 360° - 250 MM.
11) GATHEM - GATHEM - STACK WITH ATOM STATICS

DATE : MARCH 1975
REEL NOS : FIELD 15296 MERGE 5855 OTHERS
15297 6101
15298
REMARKS :

POLARITY REVERSED IN PLOT

VELOCITY FUNCTION	
TWO WAY TIME	AVERAGE VELOCITY
0.550	15,000
0.750	15,500
0.900	16,000
1.100	16,500
1.300	17,000

SUBSURFACE TRACE SPACING : 55 FT

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