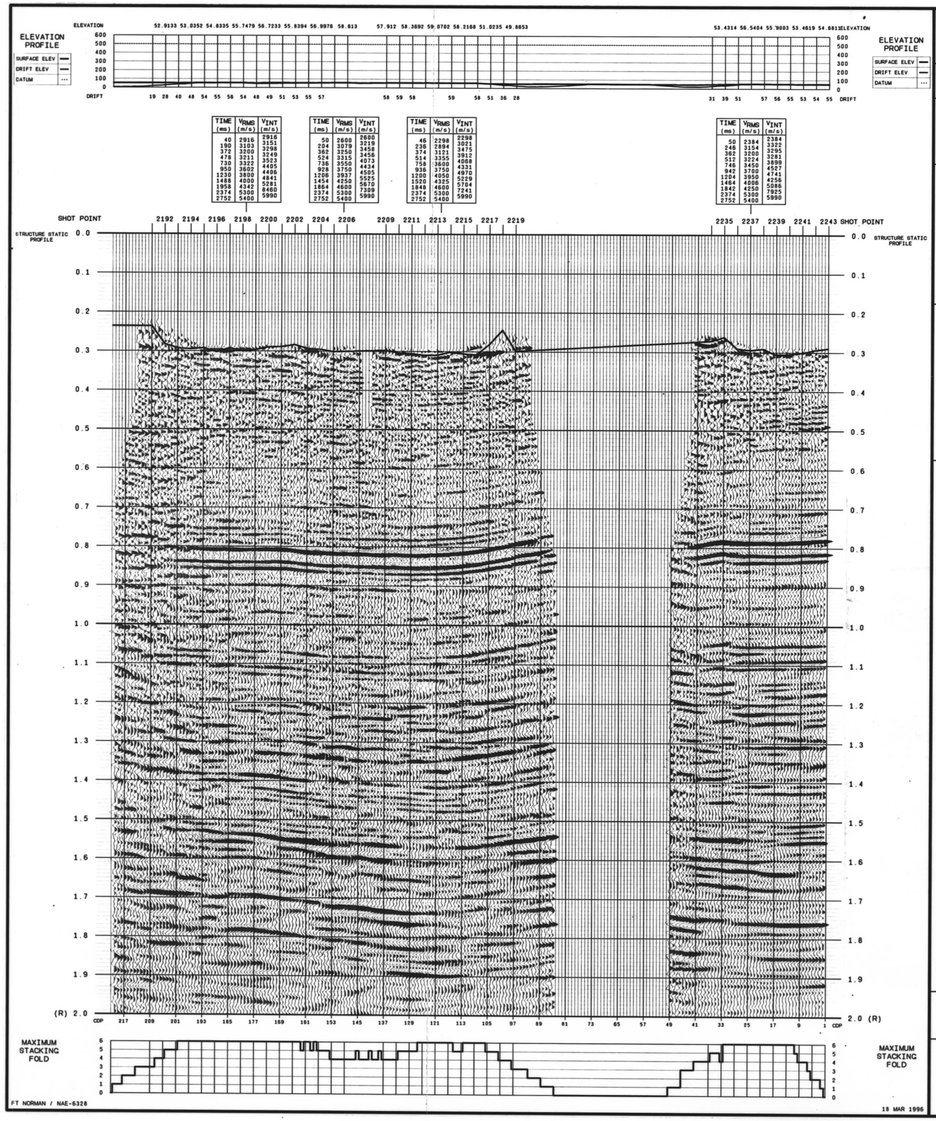
9227-R36-1DA



VERITAS SEISMIC

REVERSE POLARITY
NOISE ATTENUATED MIGRATED STACK

LINE : NAE-6328
AREA NAME : FT NORMAN
STATIONS : SP 2192 (NW) ... SP 2242 (SE)
LOCATION : 96 D/16 96 C/13

PROCESSED FOR:

RANGER OIL

DATE PROCESSED : FEBRUARY 1996
DATE SHOT : FEBRUARY 1969
SHOT BY : MOBIL OIL CANADA LTD.
SHOT FOR : MOBIL OIL CANADA LTD.

FIELD PARAMETERS

SOURCE	TYPE	DYNAMITE
	LAYOUT	THREE HOLES OVER 100 FT
	SOURCE INTERVAL	450 FT
	GROUP INTERVAL	150 FT
	CHARGE SIZE/DEPTH	3 X 2.5 LBS / 50 FT
SPREAD	COVERAGE	400%
	SPREAD TRACE	1 12 SIP 13 24
	DISTANCE	1800 150 150 1800 FT
RECEIVER	TYPE / FREQ	L2
	LAYOUT	18 GEOPHONES OVER 170 FT
INSTRUMENT	MODEL	TI-10000
	FIELD FILTER	10 - 70 HZ
	TAPE FORMAT	N/A
	RECORD LENGTH	4 SEC.
	SAMPLE RATE	2 MS

PROCESSING PARAMETERS

1. DEMULTIPLEX
   PROCESSED LENGTH: 2000 MS
   SAMPLE RATE: 2 MS
2. GEOMETRY - STRAIGHT LINE
3. MINIMUM-PHASE SURFACE CONSISTENT DECONVOLUTION
   OPERATOR LENGTH: 88 MS
   PREWHITENING: 0.1 %
   DISTANCE: DESIGN GATE: APPL. GATE
   43.7 M 150 - 1750 MS 0 - 2000 MS
   548.4 M 500 - 1800 MS 0 - 2000 MS
4. ZERO-PHASE DECONVOLUTION
   OPERATOR LENGTH: 88 MS
   PREWHITENING: 1.0 %
   DISTANCE: DESIGN GATE: APPL. GATE
   43.7 M 150 - 1750 MS 0 - 2000 MS
   548.4 M 500 - 1800 MS 0 - 2000 MS
5. STRUCTURE STATICS - 1 LAYER DRIFT COMPUTATION
   SHORT WAVELENGTH
   DATUM ELEVATION: 650 M ASL
   WEATHERING VELOCITY: 3048 M/S
   WEATHERING VELOCITY: 900 M/S
   PROCESSING DATUM: SURFACE
6. MANUAL TRACE EDITS
7. TRACE GATHER - MAXIMUM 6 FOLD
8. VELOCITY ANALYSIS - NORMAL MOVEOUT
   REFERENCE: SURFACE
   TYPE: VELANA INTERACTIVE SEMBLANCE
9. STATICS - AUTOMATIC SURFACE CONSISTENT
   WINDOW: 400 - 1950 MS FILTER: 10/18 - 50/65 HZ.
   MAX. STATIC: +/- 20 MS NO. TRACES IN MODEL: 11
10. FIRST BREAK MUTES
    DISTANCE: 230 548.4 M
    TIME: 200 500 MS
11. STATICS - CDP TRIM
    WINDOW: 400 - 2000 MS FILTER: 10/15 - 70/80 HZ.
    MAX. STATIC: +/- 16 MS NO. TRACES IN MODEL: 11
12. STRUCTURE STATICS - LONG WAVELENGTH
13. STACK - MAXIMUM 6 FOLD
14. MIGRATION - FINITE DIFFERENCE
    STACKING VELOCITY SCALING FACTOR = 100%
15. NOISE ATTENUATION (F-X DECONVOLUTION)
    FREQUENCY RANGE : 5 - 100 HZ
    DESIGN WINDOW : 0 - 2000 MS
    NOISE THRESHOLD : 0
16. FILTER - BANDPASS
    10/15 - 80/95 HZ APPL. GATE : 0 - 2000 MS
17. AMPLITUDE EQUALIZATION - MEAN SCALING
    WINDOWS: 500 - 500 / 400 - 800 / 800 - 1000 / 1000 - 1800 MS

DISPLAY PARAMETERS

VERTICAL SCALE 7.5 INCHES PER SECOND
HORIZONTAL SCALE 16 TRACES PER INCH

[redacted]

18 MAR 1996

RANGER OIL LTD. LINE : NAE-6328 AREA NAME : FT NORMAN

TRIATHLON PROJ. NO. 9227 R 36 1 D A
LINE NO. NAE - 63-28 PART NO. 1 OF 1 R.R. 8X