



CGG
data processing services
CALGARY ALBERTA

HUDSON BAY OIL AND GAS
CO LTD.

SICILY

MIGRATION 6000'
NORMAL POLARITY
LINE HS 81-19
(SW) II20 SHOTPOINTS I (NE)

EIGHT MOTION

DATE: FEBRUARY 1982
REF. NO.: 5006016

QUALITY CONTROL

FIELD RECORDING

SHOT GUNS: 1000
STATE: DRY
GEOPHONES: 1000
EQUIPMENT: 1000
FIRE: 1000
FILTER: 1000
GE: 1000
GUN: 1000
SOURCE TYPE: 1000
TEST INTERVAL: 1000
TEST LENGTH: 1000 SEC
SHOT INTERVAL: 1000 SEC
SHOT DEPTH: 1000 m
SEISMIC INTERVAL: 1000 m
NO. OF GROUPS: 100
OFFSET TO TR: 1000 m
CABLE LENGTH: 1000 m
CABLE DEPTH: 100 m

DIGITAL PROCESSING

- DEMULTIPLY - RESAMPLE TO 4 MS
- COLUMN REGISTER
- EDIT
- DECONVOLUTION: 1 WINDOW: T100-T2500
2: 1000-T4500
OPERATOR LENGTH: 128 MSEC
- PREDICTIVE DEPTH DECONVOLUTION: T100-T1000
1: WINDOW: T100-T1000
2: 1000-T4500
- PREDICTIVE SPATIAL FILTER
- PREDICTIVE DEPTH DECONVOLUTION: T100-T4500
- 4: FA FILTER
- 5: TIME VARIANT FILTER
- 6: 10-40 Hz: T100-T2500
7: 20-25 Hz: T100-T4000
8: 25-30 Hz: T100-T4000
- 9: DOWNSAMPLING
- 10: FOLM CORRELATION: 15 AT 1000 SEC
11: FOLM CORRELATION: 15 AT 1000 SEC

REMARKS

SHOT POINT NUMBER: 10000
EQUATORIAL SHOT: 10000 SHOT POINTS
THE VELOCITY WAS CALIBERED BY 10% AT THE SURFACE

LASMO
International Oil Development Limited
OFFSHORE SICILY CR100
SEISMIC LINE
HS 81-19