T/15P Part 15

ENCLOSURE 8

BRIDGE OIL LTD.

OR. 0225

HB75A SEISMIC SURVEY

PROSPECT : BASS BASIN

LINE : HB75A-218

SHOT POINTS : 1 - 812C

5 cm

MIGRATION 240178

56 DEGREES

RECORDING PARAMETERS

DATA SHOT BY : G.S.I. PARTY 931
VESSEL : M/V MCDERMOTT
DATE RECORDED : JANUARY 1975
INSTRUMENTS : DFS III (2 SYS) ALTERNATE GROUPS
FORMAT : 21 TRACK . 712 B.P.I.
: 2 SYSTEMS : ODD & EVEN CHANNELS
SAMPLE RATE : 4 MS.
RECORD LENGTH : 5000 MS.
RECORDING FILTER : 8 HZ AT 18 DB/OCT.
62 HZ AT 72 DB/OCT.
POLARITY PRESSURE INCREASE NEGATIVE

ENERGY SOURCE : AIRGUN ARRAY (19.65 LTRS)
GUN DEPTH : 8.0 M.
SHOT INTERVAL : 22 M.
POPS PER SHOT : 3
CABLE LENGTH : 3200 M.
STREAMER DEPTH : 16 M.
GROUPS : 48
GROUP INTERVAL : 66 M.
AVERAGE OFFSET TO NEAR GROUP (48) : 280 M.
HYDROPHONES PER GROUP : 30

(40)

PROCESSING SEQUENCE

[1] PREVIOUS PROCESSING TO UNFILTERED STACK BY G.S.I. PERTH
[2] REFORMAT FROM SEGY TO DIGICON INTERNAL FORMAT
[3] WAVE EQUATION MIGRATION USING THE FINITE DIFFERENCE METHOD
LAYER THICKNESS : 40 MSEC.
MIGRATION VELOCITY : 100 % OF STACKING VELOCITY
[4] TIME VARIANT

TIME	FILTER	FILTER (SLOPES DB/OCT)
0	12/36	50 - 48
500	12/36	50 - 48
1000	10/36	50 - 48
2000	8/42	40 - 48
3000	8/42	35 - 42
5000	8/42	35 - 42

[5] AUTOMATIC GAIN CONTROL
WINDOW LENGTH 1000 MSEC
[6] BULK STATIC CORRECTION -20 MSEC

PROCESSED BY : DIGITAL EXPLORATION LTD.
DIGICON, BRISBANE

DATE : MAY 1985

HORIZONTAL SCALE : 48 T.P.I.
VERTICAL SCALE : 3.75 I.P.S

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