

APPENDIX 3

FLUID ANALYSES



service report



The Australian
Mineral Development
Laboratories

Flemington Street, Frewville,
South Australia 5063
Phone Adelaide 79 1662
Telex AA 82520

Please address all
correspondence to
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SA 5063
In reply quote:

amdel

17 November 1983

FS 3/743/0 - 1712/84

Oilmin N.L.
PO Box 232
North Quay
BRISBANE QLD 4000

Attention: Mr David Warner

REPORT FS 1712/84

YOUR REFERENCE: Order No. 12442
MATERIAL: Gas
IDENTIFICATION: East Mereenie No. 11
DATE RECEIVED: 11 November 1983
WORK REQUIRED: R1/2

Investigation and Report by: P. Marty & A. Koutrouzas

Chief, Fuels Section: Dr Brian G. Steveson

Manager, Mineral and Materials Sciences Division: Dr William G. Spence:

for Brian S. Hickman
Managing Director

sje/l.

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AMDEL GAS ANALYSIS SERVICE

EAST MEREENIE NO.11
LOWER STAIRWAY 3704 FT.
260 KPA 1/4" CHOKE
7/11/83

GAS	MOL %
OXYGEN PLUS ARGON	<.01
NITROGEN	13.55
CARBON DIOXIDE	.51
METHANE	70.10
ETHANE	9.85
PROPANE	3.50
I-BUTANE	.41
N-BUTANE	.98
I-PENTANE	.26
N-PENTANE	.31
HEXANE	.26
HEPTANES	.15
OCTANES AND HIGHER	.10

< 0= LESS THAN 0.01 % >

CALCULATED GAS DENSITY
(AIR = 1): .741

CALORIFIC VALUE (15.6 DEG C, 760 MM HG):

GROSS: 1066 BTU/CU.FT (39.7 MJ/CU.M)

NETT: 967 BTU/CU.FT (36 MJ/CU.M)

ALL RESULTS CALCULATED ON AN AIR AND WATER FREE BASIS.

NB SAMPLE AT 0 PRESS. AND APPROX. 80% AIR WHEN RECEIVED