CENTRAL AMADEUS SEISMIC SURVEY

73/215

P.R. 74/35

O.P. 175 AND O.P. 178 NORTHERN TERRITORY

D-2 HORIZON

(BASE OF ARUMBERA SANDSTONE)

ALICE SPRINGS

MAGELLAN PETROLEUM (N.T.) PTY. LTD.

SURVEY BY

RAY GEOPHYSICAL, MANDREL INDUSTRIES INC.

CONTOUR INTERVAL :

DATUM :

INTERPRETATION BY : L.W. PFITZNER.

CONTOURED BY :

DATE : AUGUST 1974.

LEGEND

△ TRIG. STATION

◎ ASTRO-FIX

⊕ BENCH MARK

1966 DATA (G.A.I.)

SHOT POINT & GRAVITY STATION
1234 TIME IN MILLISECONDS
34 97 MILLIGALS

GRAVITY STATION

GRAVITY BASE STATION

N.V. NO VALUE

N.S. NOT SHOT

SHOT HOLE WITH GAS

PREVIOUS DATA

G.A.I.

B.M.R. SHOT POINT

NAMCO SHOT POINT

UNITED SHOT POINT

CENTURY GRAVITY STATION

PERMANENT MARKER

1973 DATA

x x x SEIS. DROP LINE

UPHOLE SURVEY

GRAVITY STATION

BASE STATION

GS-M-NT-12 #2

QUATERNARY	Qa	Alluvium	
	Qs	Sand	
TERTIARY	Tc	Conglomerate	
	Tl	Chalcedonic Limestone	
UPPER DEVONIAN TO CARBONIFEROUS (PERTNJARA GROUP)	Pzp(c)	Brewer Conglomerate	
	Pzp(s)	Hermannsburg Sandstone	
	Pzp(a)	Parke Siltstone	
SILURO-DEVONIAN	Pzm	Mereenie Sandstone	
ORDOVICIAN (LARAPINTA GROUP)	Oc	Carmichael Sandstone	
	Ous	Stokes Siltstone	
	Oms	Stairway Sandstone	
	Olh	Horn Valley Siltstone	
CAMBRIAN (PERTAOORTA GROUP)	€/Op	Pacoota Sandstone	
	€ug	Goyder Formation	
	€j	Jay Creek Limestone	
	€s	Shannon Formation	
	€lh	Hugh River Shale	
CAMBRIAN (PERTAOORTA GROUP)	€k	Giles Creek Dolomite	
	€r	Todd River Dolomite	
	€c	Cleland Sandstone	
	€e	Peterman Sandstone	
	€d	Deception Formation	
	€i	Illara Sandstone	
	€t	Tempe Formation	
	€l	Chandler Formation	
	€a	Arumbera Sandstone	
	€u	Undifferentiated Cambrian	
UPPER PRECAMBRIAN	Puc	Carnegie Formation	
	Pup	Pertatataka Formation	
	Pua	Areyonga Formation	
	Pub	Bitter Springs Formation	
	Puh	Heavitree Quartzite	
LOWER PRECAMBRIAN	p€a	Arunta Basement Complex	

Geological Boundary

Photogeologic Attitude

Photogeologic Lineation

Fault, Normal

Fault, Thrust

120 Strike & Dip of Beds

40 Overturned Beds

Horizontal Beds

Vertical Beds

Anticlinal Axis

Synclinal Axis

SCALE 1:100,000

0 1 2 3 4 5 10 15 MILES

0 1 2 3 4 5 10 15 20 25 KILOMETRES

10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 53 AUSTRALIAN NATIONAL SPHEROID.