

H. E. COBB, JR., PETROLEUM ENGINEER

REPORT  
of  
COMPLETION, STIMULATION, AND TESTING  
of  
EAST MEREENIE NO. 4  
NORTHERN TERRITORY, AUSTRALIA  
for  
MAGELLAN PETROLEUM CORPORATION



M0970002

By: H. E. Cobb, Jr.  
Petroleum Engineer

**ONSHORE**



NORTHERN TERRITORY  
GEOLOGICAL SURVEY

PR69/SB

EXOIL (NT) PTY LTD

WELL COMPLETION REPORT

EAST MEREENIE NO 4

by

D D Benbow and W Lawson



M0970017

CONTENTS

	<u>Page</u>	<u>Sect.</u>
Summary . . . . .	i	6
Resume of Drilling Operations . . . . .	ii	6
Introduction . . . . .	iii	6
<u>Well History</u> . . . . .	1	6-15
 <u>Geology</u>		
Site Selection . . . . .	19	16
Formations Penetrated . . . . .	20	16
Detailed Stratigraphy . . . . .	21	17-18
Porosity and Permeability of Sediments . . . . .	25	19

APPENDICES

Appendix A (i)	Core Descriptions by D D Benbow	20
Appendix A (ii)	Core Analysis Results by Core Laboratories Inc	21
Appendix A (iii)	Core Analysis Results by Bureau Mineral Resources	21
Appendix B	Petrological Report by Cundill, Meyers and Associates Pty	22
Appendix C	Crude Oil Analysis by Ampol Refineries Ltd	23
Appendix D	Fracturing & Test Results by W Lawson	23-24
Appendix E	D.S.T. Reports and Charts by D D Benbow	25

Figure

ILLUSTRATIONS

1	Locality map	6
2	Time Versus Depth Chart	13
3	Formation Tops	26
4	Pacoota Sandstone Correlation Crestal Wells	27
	Composite Well Log - at back of report.	28
	<i>Completion, stimulation &amp; testing of East permeable No. 4</i>	1-5

