

CORE ANALYSIS RESULTS

CORE LABORATORIES INC.



M0970060

CORE LABORATORIES AUSTRALIA LTD.

Petroleum Reservoir Engineering
BRISBANE, AUSTRALIA

Company EXOIL NO LIABILITY Formation _____ Page 1 of 1
Well EAST MERREENIE NO. 4 Cores _____ File AP-1-130
Field WILDCAT Drilling Fluid _____ Date Report 18 MAY, 1967
Country QUEENSLAND ~~BRISBANE~~ AUSTRALIA Elevation _____ Analysts KPG
Location _____ Remarks _____

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PERCENT	RESIDUAL SATURATION			PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		% OIL VOLUME	% PORE	TOTAL WATER % PORE		
1	4194	<0.1		2.1					
2	4195	<0.1		1.5					
3	4196	2.5		7.2					
4	4197	<0.1		3.0					
5	4198	15.		9.3					
6	4199	2.8		6.5					
7	4200	14.		7.5					
8	4201	0.1		6.3					

NOTE:

(*) REFER TO ATTACHED LETTER.

(1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

(2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS.

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.



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CORE LABORATORIES AUSTRALIA LTD.

Petroleum Reservoir Engineering

BRISBANE, AUSTRALIA

Company EXOIL (N.L.) PTY. LTD. Formation P3 Page 2 of
Well EAST MERREENIE NO. 4 Cores File AP-1-130
Field WILDCAT Drilling Fluid Date Report 2 JUNE, 1967
County QUEENSLAND SEVEN AUSTRALIA Elevation Analysts KPG
Location Remarks

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS		POROSITY PERCENT	RESIDUAL SATURATION			PROBABLE PRODUCTION	CLIENT CODE	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME	% PORE	TOTAL WATER % PORE			

CORE NO. 2

9	4604	<0.1	4.8	A1
10	4605	<0.1	10.3	A2
11	4606	0.1	9.6	A3
12	4607	<0.1	6.7	A4
13	4608	<0.1	7.9	A5
14	4609	0.3	12.5	A6
15	4610	0.4	10.4	X1
16	4611	4.1	10.3	X2
17	4612	5.3	11.7	X3
18	4613	30	12.9	X4
19	4614	33	13.3	X5
20	4615	61	15.3	X6
21	4616	43	13.9	X7
22	4617	60	14.9	X8
23	4618	43	12.5	X9
24	4619	61	15.8	X10

CORE NO. 3

25	4622	0.3	8.0
26	4623	<0.1	3.8
27	4624	7.3	9.6
28	4625	7.6	8.9
29	4626	0.7	8.0
30	4627	0.1	6.1
31	4628	4.1	8.8
32	4629	4.9	7.6
33	4630	3.2	7.8
34	4631	25	8.1
35	4632	13	7.8
36	4633	51	10.0
37	4634	5.1	8.2
38	4635	2.6	8.1
39	4636	<0.1	4.5

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CORE LABORATORIES AUSTRALIA LTD.

Petroleum Reservoir Engineering

BRISBANE, AUSTRALIA

P3

Company EXOIL (N. T.) PTY. LTD. Formation _____ Page 3 of _____
Well EAST MAREENIE NO. 4 Cores _____ File AP-1-130
Field EAST MAREENIE Drilling Fluid _____ Date Report 13 JUNE, 1967
Country NORTHERN TERR. STATE AUSTRALIA Elevation _____ Analysts KPG
Location _____ Remarks _____

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS		POROSITY PERCENT	RESIDUAL SATURATION			PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		% OIL VOLUME	% PORE	% TOTAL WATER PORE		
40	4701	0.6		7.5					
41	4702	<0.1		5.3					
42	4703	<0.1		4.3					
43	4705	<0.1		5.5					
44	4706	3.0		8.1					
45	4707	1.3		8.2					
46	4708	8.1		8.7					
47	4709	<0.1		4.3					
48	4710	20		9.5					
49	4711	30		9.4					
50	4712	13		9.5					
51	4713	25		7.5					
52	4714	15		10.0					
53	4717	<0.1		2.6					
54	4718	<0.1		4.8					
55	4719	<0.1		6.0					
56	4720	<0.1		3.9					
57	4729	<0.1		5.2					
58	4730	0.7		7.8					
59	4731	0.6		7.6					
60	4732	<0.1		6.5					
61	4733	<0.1		5.8					

NOTE:

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CORE LABORATORIES, INC.



Petroleum Reservoir Engineering

COMPANY EXOIL(N.T.) PTY. LTD.

FILE NO. AP-1-130

WELL EAST MEREENIE NO. 4

DATE 13 JUNE 1967

ENGRS. KPG

FIELD EAST MEREENIE

FORMATION

ELEV.

COUNTY NORTHERN TERRITORY AUSTRALIA

DRLG. FLD.

CORES CONVENTIONAL

LOCATION

REMARKS

COMPLETION COREGRAPH

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SAMPLE CHARACTERISTICS

Fractured L-Laminated FG; MG; CG-Type Grain Size S:Stylolitic V:Vuggy

PROBABLE PRODUCTION

O=Oil W=Water G=Gas T=Transitional

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY, MD. * = Horizontal Perm Plug		POROSITY %	RESIDUAL SATURATION % PORE SPACE	
		PERM.	NAT.		OIL	TOTAL
		HORIZ.	DENS.			WATER
62	4738	<0.1	2.42	4.7	0.0	57.5
63	4739	0.7	2.46	6.8	8.8	29.4
64	4740	6.3	2.34	9.3	8.6	32.3
65	4741	17	2.29	9.7	9.3	25.8
66	4742	17	2.25	10.6	11.3	23.6
67	4743	22	2.31	9.6	14.6	29.2
68	4744	30	2.27	10.6	9.4	25.4
69	4745	24	2.27	10.1	13.9	20.4
70	4746	21	2.26	10.6	9.4	25.5
71	4747	0.7	2.35	6.8	2.9	28.0
72	4748	0.3	2.34	10.4	0.0	35.6
73	4749	1.7	2.22	9.3	8.6	23.7
74	4750	2.0	2.25	9.8	10.3	11.2
75	4751	0.4	2.37	7.3	11.0	26.0
76	4752	2.0	2.33	8.2	8.5	19.5
77	4753	4.5	2.36	9.3	8.6	22.6
78	4754	<0.1	2.48	3.2	0.0	25.0
79	4755	0.3	2.40	6.5	12.3	26.2

PERMEABILITY MILLIDARCY

POROSITY X---X PERCENT

TOTAL WATER O-O
PERCENT PORE SPACE
75 50 25OIL SATURATION X---X
PERCENT PORE SPACE
25 50 75

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