



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY: ESSO STANDARD OIL (AUSTRALIA) LTD. FILE NO. FL 155 15L
 WELL: SNAPPER 2 DATE: JULY 1969 ENGRS: THM ES PFY
 FIELD: SNAPPER FORMATION: LATROBE ELEV.: 31' KB
 COUNTY: VICTORIA STATE: AUST. DRLG. FLD.: SPERSENE XP20 CORES: 1-4 & 6-9
 LOCATION: REMARKS:

COMPLETION COREGRAPH

DEPT. NAT. RES & ENV
 PE603641

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SAND LIMESTONE CONGLOMERATE CHERT ANHYDRITE
 SHALE DOLOMITE OOLITES

SAMPLE CHARACTERISTICS PROBABLE PRODUCTION
 F: Fractured L: Laminated FG; MG; CG: Type Grain Size S: Siltolitic V: Vuggy
 0: Oil W: Water G: Gas T: Transitional

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MD		POROSITY	RESIDUAL SATURATION % PORE SPACE		PERMEABILITY		POROSITY		TOTAL WATER PERCENT PORE SPACE	OIL SATURATION PERCENT PORE SPACE
		HORIZ	VERT		OIL	TOTAL WATER	MILLIDARCY	PERCENT	30	15		

*** INDICATES SAMPLE TOO FRIABLE FOR ANALYSIS.

CORE No 1	1	4348-49	1818	2425	10.3	0.063	1	0	2000	1000	30	15	75	50	25
	2	4349-50	***	***	12.6	0.071	0	0							
	3	4350-51	***	***	12.8	0.065	0	0							
	4	4351-52	74	06	15.5	0.050	0	0							
	5	4352-53	878	22	23.1	0.047	0	0							
	6	4353-54	333	256	21.6	0.052	0	0							
	7	4354-55	256	1161	19.2	0.050	0	0							
	8	4355-56	408	1620	14.7	0.043	0	0							

CORE No 2	9	4362-63	646	417	11.9	0.040	0	0							
	10	4364-65	201	98	13.5	0.043	0	0							
	11	4365-66	322	905	10.1	0.049	0	0							
	12	4366-67	***	***	24.0	0.053	0	0							
	13	4367-68	322	865	21.7	0.052	0	0							
	14	4368-69	1530	461	23.9	0.043	0	0							

CORE No 3	15	4550-51	904	878	21.0	0.054	0	0							
	16	4551-52	272	248	24.3	0.036	0	0							
	17	4552-53	2025	2025	21.6	0.049	0	0							
	18	4553-54	2340	2025	21.6	0.044	0	0							
	19	4554-55	4930	3260	30.1	0.044	0	0							
	20	4555-56	3260	2840	27.1	0.047	0	0							
	21	4556-57	<0.1	<0.1	1.4	0.038	0	0							
	22	4558-59	<0.1	<0.1	2.7	0.019	0	0							
	23	4560-61	123	98	15.2	0.025	0	0							
	24	4562-63	<0.1	<0.1	3.6	0.036	0	0							

CORE No 4	25	4567-68	<0.1	<0.1	7.2	0.028	0	0							
	26	4568-69	2425	2425	25.9	0.056	0	0							
	27	4569-70	2590	2425	27.2	0.055	0	0							
	28	4570-71	3260	2590	29.8	0.060	0	0							
	29	4572-73	0.6	1.7	6.9	0.037	0	0							
	30	4574-75	<0.1	<0.1	2.6	0.020	0	0							
	31	4576-77	84	84	15.9	0.037	0	0							
	32	4577-78	287	271	24.8	0.086	0	0							
	33	4578-79	1170	950	24.5	0.085	0	0							
	34	4600-01	4.2	0.3	13.3	0.066	0	0							

CORE No 5	35	4602-03	3000	2110	34.4	0.063	0	0							
	36	4603-04	1460	795	27.2	0.088	0	0							
	37	4604-05	1520	1250	27.8	0.088	0	0							
	38	4606-07	1380	950	24.9	0.088	0	0							
	39	4607-08	1640	1640	24.6	0.084	0	0							
	40	4608-09	1120	1160	25.8	0.089	0	0							
	41	4609-10	1330	710	26.3	0.096	0	0							
	42	4610-11	***	***	26.0	0.093	0	0							
	43	4611-12	1650	1410	25.0	0.094	0	0							

CORE No 6	44	7641-42	72	60	15.8	0.055	0	0							
	45	7642-43	148	100	18.8	0.043	0	0							
	46	7643-44	138	144	20.1	0.059	0	0							
	47	7644-45	95	29	16.1	0.069	0	0							
	48	7645-46	1.8	0.6	13.1	0.070	0	0							

CORE No 6	49	7692-93	0.45	0.29	9.3	0.110	48.4	0	0						
	50	7693-94	0.29	<0.1	9.7	0.060	9	0							
	51	7694-95	0.14	<0.1	7.2	0.125	41.7	0	0						
	52	7695-96	1.9	1.3	13.0	0.156	60.0	0	0						
	53	7696-97	4.4	0.8	14.5	0.062	8	0							
	54	7697-98	11.0	1.1	10.6	0.062	3	0							
	55	7698-99	0.45	0.14	13.0	0.066	9	0							
	56	7699-00	0.6	0.29	14.6	0.067	8	0							

CORE No 7	57	7717-18	75	43	18.5	0.068	2	0							
	58	7718-19	230	146	21.3	0.070	0	0							
	59	7719-20	193	260	21.4	0.078	5	0							
	60	7720-21	360	70	22.8	0.079	4	0							
	61	7721-22	93	61	19.8	0.077	3	0							
	62	7723-24	225	140	23.2	0.086	3	0							

CORE No 8	63	8153-54	2.6	0.29	11.4	0.094	50.8	0	0						
	64	8163-64	70	87	12.5	0.048	8	0							
	65	8164-65	134	105	14.6	0.048	7	0							
	66	8165-66	0.45	0.29	9.1	0.070	4	0							
	67	8167-68	11	3.2	14.1	0.060	3	0							

CORE No 9	68	8171-72	313	61	17.4	0.049	4	0							
	69	8172-73	81	21	17.5	0.052	0	0							
	70	8173-74	4.3	0.45	14.6	0.065	0	0							
	71	8174-75	156	3.3	17.4	0.056	9	0							
	72	8175-76	171	82	18.7	0.055	1	0							
	73	8176-77	555	173	18.6	0.062	3	0							

PORE WATER CHLORIDES

SMPL	DEPTH	PPM CL
3	4350-51	10,859
6	4353-54	11,300
64	8163-64	18,404
67	8167-68	18,727
71	8174-75	11,216