

W373

DEPT. NAT. RES & ENV



PE904083

*Commonwealth of  
Kentucky  
Kelt + Organization*

KALIMNA-2 (G.B)

WELL SUMMARY

Kalimna oil Co.

KALIMNA-1  
W372.  
-2.  
W373

✓ KALIMNA. Co's No. 1 Bore

PE904085

This is an enclosure indicator page.  
The enclosure PE904085 is enclosed within the  
container PE904083 at this location in this  
document.

The enclosure PE904085 has the following characteristics:

- ITEM\_BARCODE = PE904085
- CONTAINER\_BARCODE = PE904083
- NAME = well card
- BASIN = GIPPSLAND
- PERMIT =
- TYPE = WELL
- SUBTYPE = WELL\_CARD
- DESCRIPTION = well card Kalimna 2
- REMARKS =
- DATE\_CREATED = 28/08/1929
- DATE\_RECEIVED =
- W\_NO = W373
- WELL\_NAME = Kalimna-2
- CONTRACTOR = Kalimna Oil Co
- CLIENT\_OP\_CO = Kalimna Oil Co

(Inserted by DNRE - Vic Govt Mines Dept)

W373

Rec. 1957/7 BMR 1930-1941 101,124 galls. (Fig)  
BMR Ramsay & Treganowan. 115,300 galls  
OR approx. 100,000 galls of dehydrated oil.

form reservoirs, where they come into contact with the oil-bearing Tertiary strata. In this position their exploration has so far been neglected. In particular, the Jurassic sandstones directly overlain by the glauconitic sand in the plunging nose of the Baragwanath anticline, the only structural control in Gippsland (fig. 1) may be investigated. It seems also a pity that no deep boring has been carried out so far in the area south of the Won Wron monocline, between that structural feature and the coast where other reservoirs and/or accumulations of oil may possibly occur, and where structural control exists.

Another suggestion concerns gas. Volumes of gas have so far been allowed to escape from Gippsland bores for some thirty years without any organised attempt being made to tap this potentially commercial commodity. Judging from private attempts at exploitation for domestic purposes, this gas possesses valuable calorific properties.

The gas has a calorific value of 898 B.T.U., i.e., approximately twice the heating value of ordinary metropolitan gas. The gas analysis is as follows (No accurate figures in respect of amounts yielded are available):—

CHARACTERISTICS OF GIPPSLAND OIL, WATER AND GAS

Gippsland oil characteristics are: 15.7° A.P.I. gravity — S.G. 0.961. It is an asphaltic base crude oil, devoid of gasoline or kerosene. Distillation tests show 17.9% gas oil. The rest consist in heavy lubricating oil and petroleum residue.(1) The production figures as supplied by the companies are as follows:—

|            | gallons |            | gallons | Total. 104,044 |
|------------|---------|------------|---------|----------------|
| 1930 .. .. | 10,000  | 1935 .. .. | 4,320   |                |
| 1931 .. .. | 20,000  | 1936 .. .. | 3,783   |                |
| 1932 .. .. | 20,000  | 1937 .. .. | 9,372   |                |
| 1933 .. .. | 20,000  | 1938 .. .. | 6,173   |                |
| 1934 .. .. | 5,588   | 1939 .. .. | 4,807   |                |

Artesian water is fresh. It contains 9 grains per gallon of sodium carbonate, 29 grains per gallon of sodium bicarbonate, and 60 grains per gallon of salt. It is a good quality fresh water, its only defect being an incurable taste of oil and frequent oil smears.

Approx. 1400 ppm

Another production fig. 1930 - 31.12.1939 = 111,283 galls crude

| GAS ANALYSES   |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|
|  | A      | B      | C      | D      | E      | F      | G      |
|  | %      | %      | %      | %      | %      | %      | %      |
| Carbon dioxide .. .. .   | -      | 0.2    | 0.19   | 1.6    | 2.19   | 1.80   | 0.82   |
| Unsaturated hydrocarbon .. .. .                                | -      | -      | 0.05   | -      | -      | -      | -      |
| Oxygen .. .. .   | 11.8   | -      | 0.90   | 1.2    | 0.4    | 0.20   | 1.96   |
| Carbon monoxide .. .. .  | -      | -      | -      | -      | -      | -      | -      |
| Methane .. .. .  | 44.2   | 81.25  | 93.74  | 26.1   | 94.21  | 56.45  | 78.54  |
| Ethane .. .. .   | -      | -      | -      | -      | -      | -      | -      |
| Hydrogen .. .. .   | -      | -      | -      | -      | -      | -      | -      |
| Nitrogen .. .. .   | 44.0   | 18.55  | 5.12   | 71.1   | 3.2    | 41.55  | 18.68  |
| Hydrogen sulphide .. .. .                                      | -      | -      | -      | -      | -      | -      | -      |
| Total .. .. .  | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Gross calorific value calculated per cubic foot .. B.T.U. .. . | -      | 865    | 998    | 278    | 1003   | 601.2  | 836    |
| Calculated specific gravity .. .. .                            | -      | -      | -      | -      | 585    | -      | -      |

- A = No. 1 L.E.D. Co. . . . . Lab. No. 1924/503
- B = No. 1 L.E.D. Co. . . . . Lab. No. 1924/524
- C = No. 1 L.E.D. Co. . . . . Lab. No. 1924/544
- D = No. 2 L.E.D. Co. . . . . Lab. No. 1928/627
- E = No. 1 Point Addis Co. . . . . Lab. No. 1929/1032
- F = No. 1 Kalimna Oil Co. . . . . Lab. No. 1930/138
- G = No. 8 Parish of Colquhoun Lab. No. 1941/94

(1) Analysis on behalf of Commonwealth Department of Supply and Shipping, by Canadian Oil Co., Petrolia, Ontario, Canada.

|  | per cent. | sp. gr. | A.P.I.    | Viscosity @ 100° F. |
|--|-----------|---------|-----------|---------------------|
| Light gasoline .. .. .                     | nil       |         |           |                     |
| Total gasoline or naptha .. .. .           | nil       |         |           |                     |
| Kerosene .. .. .                           | nil       |         |           |                     |
| Gas oil .. .. .                            | 17.9      | 0.902   | 25.4      |                     |
| Non-viscous lubricating distillate .. .. . | 14.9      | 920-939 | 22.3-19.2 | 50-100              |
| Viscous lubricating distillate .. .. .     | 11.8      | 939-954 | 19.2-16.3 | 100-200             |
| Residium .. .. .                           | 23.4      | 954-984 | 16.3-12.3 | above 200           |
| Medium lubricating distillate .. .. .      | 31.6      | 1.010   | 8.6       |                     |
| Distillation loss .. .. .                  | 4         | -       | -         | -                   |

Boutakoff N. "Oil in Victoria"

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