



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

Copyright© by Chiang Mai University
All rights reserved

APPENDIX A

Table A-1 Physical properties and fluid contents in "H" sand unit (after Settakul, 1985).

| Well | Depth (Ft.) | Permeability (mD) | Porosity (O) (abs) | Fluid Saturation (%) | | Density |
|----------|-------------|----------------------|-----------------------|----------------------|------------|---------|
| | | | | Oil (Sor) | Water (Sw) | |
| BS-110 | 1755 | 231 | 25.7 | 6.1 | 54.4 | 2.67 |
| IF-26 1) | 2581.1 | 2390 | 25.4 | 17.5 | 33.0 | 2.65 |
| 2) | 2587.1 | 3440 | 26.7 | 20.5 | 34.7 | 2.64 |

Table A-2 Crude oil properties of Chaiprakarn, Mae Soon, Pong Nok and Lankrabru oil fields (after Settakul, 1985).

| Chaiprakarn | Properties | Mae Soon | Pong Nok | Lankrabru |
|-------------|------------------------|----------------|----------------|----------------|
| 16.40 | API Gravity | 30.8 (60°F) | 37.6 (140°F) | 38.2 |
| 65°F | Pour Point | 95°F | 92°F | 90°F |
| 0.28 | Sulphur (%) | 0.18 | 0.16 | 0.5 |
| - | Paraffin wax (% wt) | 18 | 18.62 | 14.5-20 |
| 0.957 | Specific gravity | 0.872 | 0.873 | |
| Br-black | Color | Brownish black | Brownish black | Brownish black |

Table A-3 Evaluation on Hydrocarbon Palyzones in Well IF 30 03S (after D.E.D., 1987).

| Interval (Ft.) | Gross Sand (Ft.) | Hydrocarbon show Number Average with Corresponding Descriptions |
|-----------------|------------------|---|
| 2514-2520 ("G") | 6 | 2 : Oil <u>stained</u> , sand may produce oil, water or both |
| 2566-2580 ("G") | 14 | 2 : As above |
| 2628-2632 ("H") | 4 | 2.7 : Oil <u>sand</u> , produce oil and water usually in medium gravity range |
| 2634-2638 ("H") | 4 | 3 : Oil <u>sand</u> , As above |

VITA

Name : Mr. Getahun Belay
Date of birth : 4th Dec., 1959
Educational background : Misrak Comprehensive High School, Addis Ababa
(1970-1974); Addis Ababa University (1979-1983/84)
Grant support : Ethiopian Institute of Geological Surveys
Work experience : Geologist in the Ethiopian Institute of Geological
Surveys Since 1984.
Address : P. Box Code 41039, Addis Ababa, ETHIOPIA