Concessions Evaluation and Statistical Ranking

Target Exploration Consultants team has a long petroleum ED&P experience of the geology of several basins, involvement in evaluating and ranking E&P potential of open concessions rounds in several countries. Target Exploration developed exclusive statistical ranking software for first-pass screening and ranking large number of concessions in addition to the in-house suite of geological software.

NON-EXCLUSIVE REPORTS/PUBLICATIONS

1. Petroleum Geology of South Iraq, Target Exploration, London, UK. 350 P., 133 figures, 19 enclosures, 103 p appendices. TAR-02


5. Geothermal gradient anomalies of hydrocarbon entrapment, Al-Hagfa Trough, Sirt Basin, Libya. Non Exclusive Report, 37 p. 70 Figures , % Enclosures and PDF CD. TAR-06

6. New E&P Blocks of Onshore and Offshore Libya; Rank, Potential, Undeveloped Fields, Discoveries and Dry Holes (139 Blocks). Target Exploration, 19 P, 56 Maps and Figures, and one CD. TAR-07


10. Exploration Potential of Block VI, Northwestern Syria, Target Exploration, 3 Pages, 3 Figures and 4 Enclosures. TAR-138

11. Exploration Potential of Block VII, Eastern Syria, Target Exploration, 5 Pages, 3 Figures and 4 Enclosures. TAR-139

SOFTWARE

1. **E&P-RANK**: An E&P block ranking software developed to rank large number of concessions in one or several basins in single or several countries. Developed while working on assessing and ranking 137 blocks offered in the Libyan round of 2000. Based on Ibrahim’s (2000).

2. **CGG-ESTI**: An interactive geothermal gradient analysis and plotting and cross-plotting programme of single well and basin-wide group of wells to identify geothermal gradient/surface temperature signature of discovery and producing wells, then use the same criteria to identify d “un-discovery” wells in the area. It is based on Ibrahim’s (1986, 1988).

3. **ST-GRTH**: Local (one or a group of structures) and regional structural evolution analysis programme to recognise the onset of maturation, migration against the development of local and regional structural closures. Based on Ibrahim’s (1981).


5. **GCA-DM**: An interactive programme that uses combined modified Pixler’s (1969) and Whittaker and Sellens (1987) methods. It lists drilling mud Gas Chromatographic readings, converts and list them as gas ratios. Then interactively interprets the Gas Ratios using both methods for potentially productive oil, gas zones in matrix, fractured-matrix and fracture-dependent reservoirs, and list the results against drilling depths with higher level of certainty.

EXTERNAL PUBLICATIONS


