

2-D SEISMIC DATA INTERPRETATION OF LINES
20017-BTM-02 & 996-BTM-28, SANGHAR AREA,
BITRISIM BLOCK, SINDH, PAKISTAN



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ABSTRACT

The seismic lines 20017-BTM-02 & 996-BTM-28 lies in the Bitrisim block of the Sanghar area, Sindh. The data acquisition and processing of these lines was done by OGDCL.

Ichhri Well No. 1 is located 63 Kms. north of Bobi field in Khairpur District, Sindh Province. The well was drilled to test the hydrocarbon potential of Sands of Lower Goru Formation of Cretaceous age. The well was spudded in on 12-05-1992 and reached its TD i.e. 3300 M in Lower Goru "Massive" Sands, on 30-08-1992

After the interpretation of logs and by correlating with the adjacent wells it was revealed that all the expected reservoir sand layers are present. But on quick look log interpretation, it appeared that the sands drilled in this well are wet. Being negative response of logs supported by RFT results and poor hydrocarbon shows during drilling, it was recommended that the well may be abandoned by placing cement plug.

Two more wells Chandesri and Fateh were also drilled in the area. Chandesri Well was spudded in on 26th December 1999 and was declared abandoned on 9th September 2000 while Fateh well was spudded in on 20th May 2002 and was declared abandoned on 20th August 2002, but these both wells are of the same fate.

In the southern portion of the area, at least four to five wells were tested and all declared dry and abundant.

Owing to the potential hydrocarbon areas in its nearby vicinity, the lines were selected to study the failure of the wells, its causes and to design any strategy to explore any hydrocarbon potential in future.