

2D Seismic Data Interpretation of Sawan Area
Central Indus Basin, Sindh Pakistan



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2007-2011

ABSTRACT

The main purpose of the study is to interpret the seismic lines given and to delineate subsurface structures of Sawan Field, Southern/Lower Indus Basin, Pakistan. This has been achieved by using Seismic lines data and available well tops. This complete set of data was issued by **Land Mark Resources (LMKR)**, Pakistan with the prior permission of **Directorate General of Petroleum Concessions (DGPC)**, Pakistan. To complete the above mentioned task the prominent faults and reflectors were marked and their depths were correlated with well tops to mark the horizon of interest i.e. reservoir zone. The reservoir rocks found were Cretaceous sands of the Lower Goru Formation.

Then the data results from 2D seismic were acquired to plane and design 3D seismic acquisition parameters. Specific area was selected to define 3D survey planning.

ACKNOWLEDGEMENT

Praises and thanks to **Allah** for enabling us to fulfill our requirements for completion of our project report. We are extremely thankful to our **Parents** and all our family members for their consistent encouragement, belief in our abilities, prayers and are always there by our side.

For assisting us in all respects and regards to complete our research work, our heartfelt thanks to **Mr. Yasir Khan Jadoon** (External Advisor), **Mr. Saqib Mehmood** (Internal advisor), **Mr. Aamir Malik** (University Teacher), **Mr. Zeeshan Ahmed** (Trainee Geophysicist PEL) and all those who helped us in any way in our project and also guided us with professional devotion and sincerity during our research work. We are highly indebted to our friends for their love and cooperation. We also thank our teachers for their support and encouragement throughout our stay at the university.

Dedication

**“To our parents and teachers
who have been continuous
source of inspiration for us,
otherwise we would not have
the goals we have to strive and
be the best to reach our**

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