



Ministry of Oil & Gas
Oil & Gas Data Repository (OGDR)

Formulation and Enforcement of NDR Governance, Policies and Standards

Ali Alyahyae
OGDR Manager

alyahyae@mog.gov.om



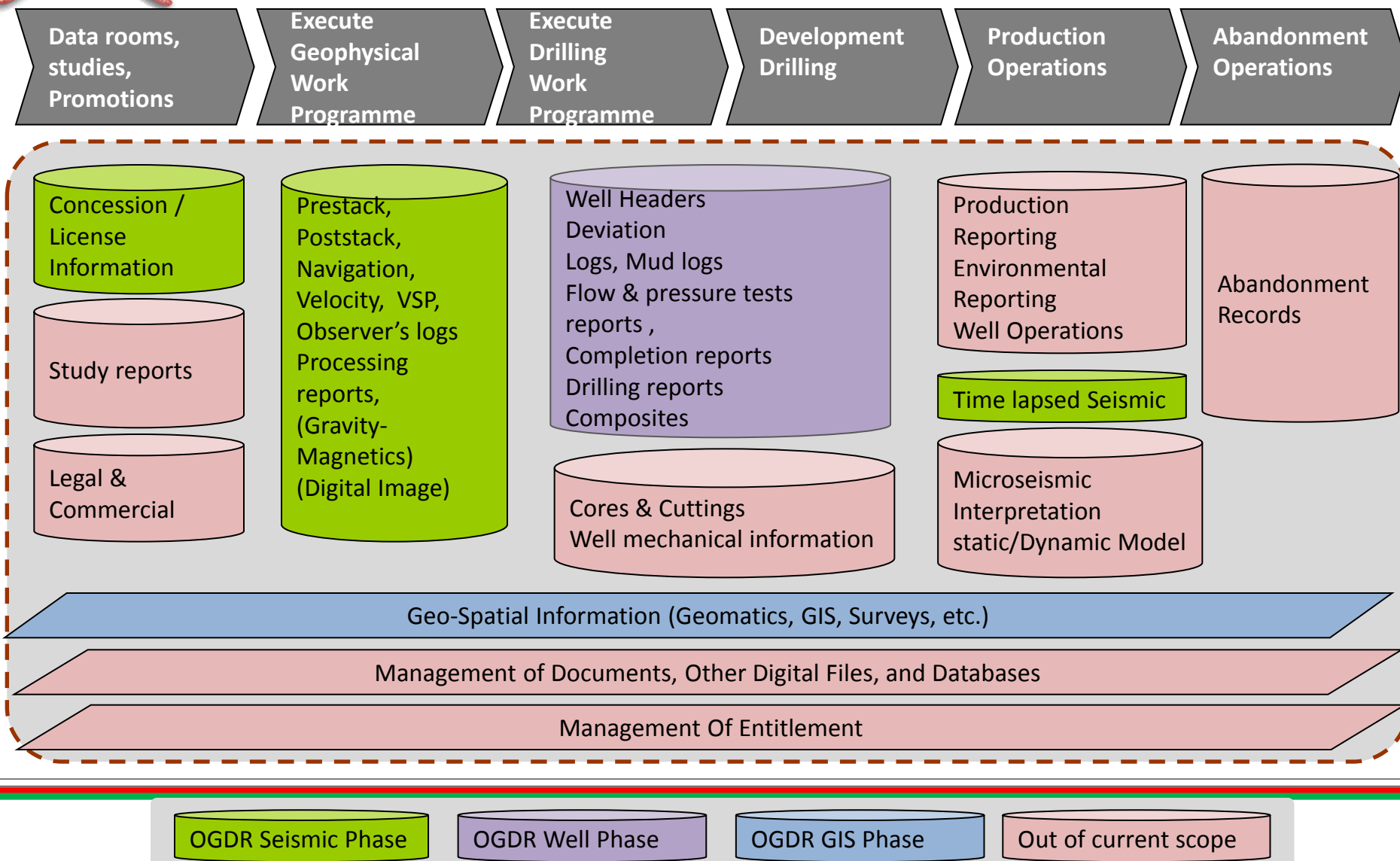
Oil & Gas Data Repository (OGDR)



- What is the OGDR?
OGDR is a repository to preserve and deliver quality assured E&P data (in perpetuity)
- OGDR Vision
To be the platform for regulatory reporting.
- Data Coverage



OGDR Data Coverage





Challenges

- Challenges (On OGDR Receiving end)
 - Data not received on time
 - Incomplete data and metadata.
 - Data Quality. No peer reviews & partners.
 - NDR is seen as a burden on operators resources.



Policies & Standards

- Oman Oil and Gas Law 8/2011
 - Article 21: Data at operator premises
 - Article 23: Government access to data and obtain copies.
- Governing Agreements i.e. EPSA
 - Data Ownership, confidentiality, export of data outside Oman, government access to data, regulatory reporting.
- OGDR Participation Agreement
 - Ownership, obligations and rights, confidentiality and disclosure, delegation.
- OGDR Data Submission Standards
 - What and how
 - International Standards i.e. SEGY, DLIS.
- OGDR Internal workflows and procedures.



OGDR Governance

- Steering Committee
 - Government Representatives
 - Oversee OGDR activities, set direction & endorse major milestones.
 - Advisory Committees (AC)
 - Seismic AC, Wells AC.
 - Representing concession holders
 - Providing technical advice to the OGDR for the mutual benefits.
 - Reviewing OGDR Standards and suggesting improvements.
 - Company Representative
 - Act as single point of contact
-



Dealing with non-compliance

Stage 1

- Discussion with non-compliance on one-to-one bases. Providing feedback on the quality of submitted data so operators can fix/improve.
- Requesting operators to include OGDR standards in their services contracts (Acquisition, processing, logging, etc.).
- Positive Compliance

Stage 2

- implementation of on-line workflow tools that guide operators in submitting data in the required standard.

Stage 3

- Future Enforcement.
 - Escalation to management. Name & Shame.
 - Penalties for non-compliance
-



Positive Compliance

- Remind companies of the OGDR benefits
 - Reduce cost of entry and exit.
 - Provide data back to them with known quality, complete coverage & in a reasonable timeframe.
 - Discharge responsibility for data re-submissions.
 - Support the data trades between companies.
 - Bank on NDR as operators' Disaster Recovery.
 - See NDR as an extension of organisation DM outfit.
 - OGDR provide feedback on the quality of submitted data, so operators can improve their data & future service contracts.
 - Synergy between nations standards (one global DM submission standard adopted by all NDRs)
-



OGDR Strategy

- Current Status
 - OGDR currently operated by MOG with Halliburton technology and resources.
- Strategy
 - MOG is looking at various long term strategies, i.e. outsourcing the OGDR operation
- Domains
 - Seismic & Wells
 - GIS & Spatial Data
 - IT infrastructure
 - Technical Consultancy: improve standards, QC implementation contracts, etc.
 - Future: Production data
 - Future: Cores, cuttings & fluid samples.



Thank You



Oil & Gas Law

Oil & Gas Law issued by Royal Decree 8/2011

- Article 21: The Concession Owner is required to keep all records and documents relating to operations within the Sultanate, in accordance with regulations prescribed by the Ministry.
 - Article 23: The Concession Owner shall enable the relevant staff of the Ministry to perform the following activities:
 - Access all records and documents relating to operations and to obtain copies of them.
 - Examine Petroleum Substances that are extracted, sampled and tested.
 - Check all facilities and equipment that are used in operations.
-