**Project Title:** Hook-up ofPermanent Down Hole Gauge (PDHG) for Reservoir Surveillance for Gbaran Cluster, Central East Hub (Gbar 16T,17,19 &20)

**Business Case**

Real time Reservoir surveillance is key for reservoir management and allocation purposes. it involves a structured and integrated approach for data gathering, analysis/modelling, reviews for decision making, to generates remedial work and opportunities to optimize the asset value ensuring the delivery of remaining reserves and production. (Implementation Cost: $179,000)

**Objectives:**

1. Ensure accurate real-time data used for Wells, Reservoir and Facility management (WRFM)
2. Ensure an annual savings of between $120k from BHP survey on these wells

**Potential Benefits & Measurement:**

1. Savings per well for BHP survey – 4 wells for $120,000 per annum
2. Deferment avoidance of 2304.7 bbl and 188 mmscf

**High-Level Timeline:**

* L0-L1: Oct 2018
* L2: – Nov 2018
* L3: Jan - 2018
* L4: Feb - 2019
* L5: -Apr. 2019
* Initiative End

**Project Scope/Actions:**

* Conduct Site Assessment – Sept. 2018
* Secure budget cover – Nov. 2018
* Procure Fiber Optic cables and other accessories – Dec 2018 – Jan. 2019
* Site Mobilization –Feb. 2019
* End user Utilization and Benefit Tracking – Q2 2019
* **Critical Success Factor:**
* Management Commitment
* Successful stakeholder collaboration
* Budget cover/Approval

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