**Project Title:** Reservoir Surveillance Using Permanent Down Hole Gauge (PDHG) at Oloma FS, Central East Hub (BONN 30T &31T)

**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: $151,862.81)

**Objectives:**

1. Ensure accurate real-time data used for Wells, Reservoir and Facility management (WRFM)
2. Ensure an annual savings of between $80k from BHP survey on these wells

**Potential Benefits & Measurement:**

1. Savings per well for BHP survey – 2 wells for $80,000 per annum
2. Deferment avoidance – 127.75bbld (42 hours/ year) for 2 wells
3. Saving from deferment avoidance – $103,787.50 (42 hours shut in/ year) for 2 wells

**High-Level Timeline:**

* L0-L1: Oct 2018
* L2: Oct – Nov 2018
* L3: Dec - 2018
* L4: Aug - 2019
* L5: -Q1 2020
* Initiative End

**Project Scope/Actions:**

* Conduct Site Assessment – Sep 2018
* Secure budget cover – Oct.2018 – Nov .2018
* Procure Fiber Optic cables, RMS and accessories – Jan- Mar. 2019
* Site Mobilization –Aug. 2019
* End user Utilization and Benefit Tracking – Q4 2019– Q2
* **Critical Success Factor:**
* Management Commitment
* Successful stakeholder collaboration
* Budget cover/Approval

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