 **DATE**: 30-SEP-24

**RIG:** ADM-688

**WELL:** Zulf-1262

**Displacement of Barite free OBM plan**

**Important Notes Before Displacement:**

**-Dump all sea water from Slug Pit #9.**

**-Safra Oil Addition:** After pumping the last Hi-WT sweep of **Barite OBM**, add 50 bbl. of Safra Oil into Slug Pit #10.

**-Sand Trap Pits:** Keep the sand trap pits isolated until the displacement process is complete. Ensure the system is lined up in a short configuration.

**-Trip Tank Management:** Do not empty the trip tank from **Barite OBM** until **Pit #8** is completely empty from **Barite-Free** OBM while Displacing.

**Pumping Sequence Plan**

1. **Spacer:**
	* Pump **40 bbl. of Safra Oil** from **Slug Pit #10**.
2. **Barite-Free Rheliant OBM**:
	* Pit #8: Begin pumping **Barite-Free** Rheliant OBM from Pit #8.
	* **Pit #6**: Once **Pit #8** is depleted, switch to **Pit #6** to continue pumping **Barite-Free Rheliant OBM**.

**Receive Barite OBM** **Returns:**

* Start by receiving the return of **Barite OBM** into **Pit #1**.
* After Pit #1, direct the returns into **Slug Pit #10**, followed by **Slug Pit #9**.
* At this stage, **Pit #8** will be empty of **Barite-Free** OBM. Begin transferring Barite OBM returns into **Pit #8**.

**Transition to Barite-Free OBM:**

* Once **Safra Oil** is observed on the surface:
	+ Line up the **sand trap pits** in a long system.
	+ Use **Pit #6** as the active and return pit for the **Barite-Free** Rheliant OBM.

**Mud Pits Management Plan**

|  |  |  |
| --- | --- | --- |
| Section | Details |  |
| Pit#1 | Barite OBM (Active) | Barite OBM (return) 1 |
| Pit#2 | Empty for brine |  |
| Pit#3 | Empty for brine |  |
| Pit#4 | **Barite-Free** OBM (Hi-WT) |  |
| Pit#5 | **Barite-Free** OBM (Hi-WT) |  |
| Pit#6 | **Barite-Free** OBM Active #2 |  |
| Pit#7 | **Barite-Free** OBM Reserve |  |
| Pit#8 | **Barite-Free** OBM Active #1 | Barite OBM (return) 4 |
| Pit#9 | Empty | Barite OBM (return) 3 |
| Pit#10 | Safra oil  | Barite OBM (return) 2 |

**Thanks, Work safe**

**For any question call mud engineer**