

Simplifying operations: Conventional vs PureMagic OBM

CHALLENGES

- Managing multiple product inventory and shipping logistics for local and remote locations
- Multiple products require multiple steps and various HSE and safety requirements
- Additional time required for mixing for each product

SOLUTION

PureMagic™ single-sack oil-based mud system

- Easy to mix
- Quickly incorporates into the fluid mixture
- Reduced overall LMP operation time
- Reduced the number of trucks to ship in material by 9% less truckloads of material

RESULTS

9%
less in logistic

28.6%
reduction in operational time

11ppg 70/30 450 bbl

Conventional			PureMagic		
Components	Concentration	Mixing order	Components	Concentration	Mixing order
Diesel	165.2 ppb	1	Diesel	168.83 ppb	1
Primary emulsifier	6.22 ppb	2	PureMagic	19.55 ppb	2
Secondary emulsifier	2 ppb	3	Brine	114.85 ppb	3
Lime Hydrate	5 ppb	4	Fluid loss control	2 ppb	4
Organo Clay	5.22 ppb	5	Barite	156.78 ppb	5
Brine	117.67 ppb	6			
Fluid loss control	5 ppb	7			
Barite	158.7 ppb	8			
Total production time	1 hour & 45 minutes		Total production time	1 hour & 15 minutes	Time reduction ~ 28.6%

Components required to mix in the traditional/conventional method

PureMagic, a single-sack mixture