

### 1.4.1 Casing

Table 1-2: Casings and formation tests.

Casing	Shoe depth (m MD RT / m TVD RT)	LOT/FIT (sg EMW)	
30"	470.5 / 470.5	-	-
9 5/8"	838.6 / 838.6	FIT: 1.35 <sup>1</sup>	LOT: 1.25 <sup>2</sup>
7" liner	1251 / 1250	FIT: 1.52	-

The 7" liner hanger is placed at 770.6 m MD / 770.6 m TVD RT.

### 1.4.2 Drilling fluids

Table 1-3: Drilling fluid summary.

Section	Section depth(m MD RT)	Maximum mud weight (sg)	Mud type	Comments
8 ½"	397 – 955	1.35	Spud mud & Hi-Visc pills	Pilot hole. Displaced to 1.35 sg low salinity mud for WL logging (Rt-scanner).
36"	397 – 474	1.35	Spud mud & Hi-Visc pills	Displaced to 1.35 sg mud before running 30" conductor.
12 ¼"	474 – 850	1.35	Spud mud & Hi-Visc pills	Displaced to 1.35 sg mud before running 9 5/8" casing.
8 ½"	850 – 1252	1.12	KCl/Polymer/Glycol	Reduced mud weight from planned 1.20 sg due to losses. Early leak-off at 1.25 sg EMW.
6"	1251 – 2222	1.25	KCl/Polymer/Glycol	

<sup>1</sup> After squeeze job

<sup>2</sup> Before squeeze job

## 5.9 Reservoir Fluid Sampling

Only oil samples were collected in this well. Schlumberger MDT single probe was used for all samples.

12 MDT sample chambers were filled with oil for analysis. Table 5-10 shows the results of the sampling.

**Table 5-10: MDT fluid samples.**

Sample station no.	Depth (m MD RT)	Chamber number	Chamber Volume	Temp (°C)	Draw-down (bar)	Max shut-in Pressure (bar)
1	1336.8	MPSR#2826	420 cc	36.0	1.7	473.8
	1336.8	MPSR#4687	420 cc	36.0	1.6	472.8
	1336.8	MPSR#4367	420 cc	36.0	1.6	473.8
	1336.8	MPSC#419	1 gallon	36.0	1.7	471.8
2	1320.6	MPSR#4550	420 cc	35.5	4.4	474.8
	1320.6	MPSR#4692	420 cc	35.5	4.4	474.8
	1320.6	MPSR#4357	420 cc	35.5	4.2	474.8
	1320.6	MPSC#496	1 gallon	35.5	4.7	474.8
3	1380.5	MPSR#	420 cc	37.5	3.2	429.0
	1380.5	MPSR#	420 cc	37.5	3.2	429.0
	1380.5	MPSR#	420 cc	37.5	3.2	429.0
	1380.5	MPSR#	420 cc	37.5	3.2	429.0