

Summary report

Wellbore: 15/9-F-15

Period: 2008-11-28 00:00 - 2008-11-29 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	55
Days Ahead/Behind (+/-):	13.1
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2008-10-24 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature (I):	
Pressure (I):	
Date Well Complete:	2008-12-11

Dist Drilled (m):	40
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.5
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	4090
Depth mTVD:	3178
Plug Back Depth mMD:	
Depth at formation strength mMD:	1381
Depth At Formation Strength mTVD:	1349
Depth At Last Casing mMD:	2534
Depth At Last Casing mTVD:	2348.8

Summary of activities (24 Hours)

Circulated hole clean. Dropped Gyro. POOH pumping from 4087m to shoe at 2531m. Pumped slug and POOH from 2531m to 706m. Perform gyro rotation shots every 500m. Problems with PS-21 slips.

Summary of planned activities (24 Hours)

Continue POOH with 8½" drilling BHA on 5" DP. Start RIH with cement stinger .

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	4064	drilling -- drill	ok	Continued drilling 8½" hole from 4050 m to 4064 m. Flow 1700 lpm / SPP 158 bars / String RPM 180 / TQ 16-18 kNm / WOB 1-3 MT / ECD 1.43 EMW. MUD weight 1.32 SG. Controlled ROP at 10 m/hr. Average losses 1.65 m³/hr. Tagged stringer at 4064mMD/3160m TVD.
01:30	02:15	4067	drilling -- drill	ok	Drilled through stringer with reduced WOB/RPM 5MT/120. Flow 1700 lpm / SPP 158 bars / String RPM 120 / TQ 16-20 kNm / WOB 5 MT / ECD 1.43 EMW. MUD weight 1.32 SG. Average losses 1.65 m³/hr. Connection at 4067m, 10.3m³ gains, No connection gas observed. 1.71m³/min.
02:15	04:45	4090	drilling -- drill	ok	Continued drilling 8½" hole from 4067 m to 4090 m (TD). Flow 1700 lpm / SPP 160 bars / String RPM 180 / TQ 16-18 kNm / WOB 2-11 MT / ECD 1.43 EMW. MUD weight 1.3 2 SG. Controlled ROP at 10 m/hr. Up weight 173 MT / Down weight 128 MT / Free rotational weight 148 MT. Average losses 4.7 m³/hr.
04:45	06:00	4060	drilling -- circulating conditioning	ok	Pulled of bottom started circulating hole clean reciprocating the string. Zero rpm pulling up and 80 rpm working down, pump rate to 1850 lpm / SPP 180 bars / ECD 1,42 EMW. Average losses 0.5m³/hr.
06:00	08:15	4080	drilling -- circulating conditioning	ok	Continued circulating hole clean reciprocating the string. Zero rpm pulling up and 80 rpm working down, pump rate to 1850 lpm / SPP 180 bars / ECD 1,42 EMW. 1.8m³ gain.
08:15	08:30	4080	drilling -- circulating conditioning	ok	Monitored well on Trip Tank, 9.3m³ gain, shut well in when the flow was at a rate of 8.4m³/hr.
08:30	10:45	4080	drilling -- circulating conditioning	ok	Closed upper pipe rams, line up to fwd choke. Monitored pressure increase on fwd choke, up to 5.2bars. Opened choke and bled off approx 0,20m³. Closed choke and monitored pressure increase on fwd choke, up to 4.8bars. Opened choke and bled off approx 0,29m³. Closed choke and monitored pressure increase on fwd choke, up to 4bars. Opened choke and bled off monitoring returns through sample line, flow decreased from 20l/min to 10l/min. Flushed kill and choke lines, opened upper pipe rams.
10:45	11:15	4080	drilling -- circulating conditioning	ok	Flow checked - well static.
11:15	13:00	4080	drilling -- drill	ok	Dropped Gyro and pumped down same at 780 lpm.
13:00	13:30	4080	drilling -- drill	ok	Performed Gyro rotation shots at 4087m.
13:30	17:15	3256	drilling -- drill	ok	Pumped out of hole from 4087m to 3256m, 20m/min, 730lpm. Due to Gyro, pipe to be stationary in slips for 2 min. before continue POOH.
17:15	17:30	3256	drilling -- drill	ok	Performed Gyro rotation shots at 3256m.
17:30	19:00	2932	drilling -- drill	ok	Pumped out of hole from 3256m to 2932m, 20m/min, 730lpm. Due to Gyro, pipe to be stationary in slips for 2 min. before continue POOH.
19:00	20:15	2695	drilling -- drill	ok	Continued pump out of hole from 3932m to 2695m, 20m/min, 730lpm. Due to Gyro, pipe to be stationary in slips for 2 min. before continue POOH.
20:15	20:30	2695	drilling -- drill	ok	Performed Gyro rotation shots at 2695m.
20:30	21:45	2531	drilling -- drill	ok	Continued pump out of hole from 2695m to 2531m, 20m/min, 730lpm. Due to Gyro, pipe to be stationary in slips for 2 min. before continue POOH.
21:45	22:15	2531	drilling -- drill	ok	Circulated at shoe. Checked gas levels - ok. No excessive gas reading from BTM up. Meanwhile service TDS.
22:15	22:45	2531	drilling -- drill	ok	Flow checked well on trip tank. Well - static.
22:45	23:15	2531	drilling -- drill	ok	Pumped 5 m³ of 1.62 SG slug. Allowed to settle.
23:15	00:00	2251	drilling -- drill	ok	POOH on elevators from 2531m to 2251m. N.B. restricted pulling speed to allow hole to take correct volume and Gyro restrictions. Due to Gyro, pipe to be stationary in slips for 2 min. before continued POOH. Tripping speed 373 m/hr.

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	4090		1.14	estimated