

Summary report

Wellbore: 15/9-F-12

Period: 2016-08-26 00:00 - 2016-08-27 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	13
Days Ahead/Behind (+/-):	3.6
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2007-03-15 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	-999.99
Depth mTVD:	
Plug Back Depth mMD:	2775
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3519
Depth At Last Casing mTVD:	3107.8

Summary of activities (24 Hours)

- Perforated 14" casing below CH
- Installed 14" EZSV at 854 mMD
- Attempted to RIH with RTTS and PT EZSV
- Displaced annulus between 14" and 20" casing to clean SW
- Pumped and displaced cement in annulus between 14" and 20" casing
- Displaced well to SW
- WOC. Meanwhile: Performed maintenance

Summary of planned activities (24 Hours)

- WOC. Meanwhile: Perform maintenance
- Pressure test annulus cement
- Place cement plug inside 14" casing
- N/D BOP

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	149	plug abandon -- perforate	ok	RIH w/ perforating BHA to 149.3 m (Top shot @146 m)
00:30	00:45	149	plug abandon -- perforate	ok	Performed Pre-job Meeting to fire guns and circulate gas
00:45	01:00	149	plug abandon -- perforate	ok	Closed UPR, lined up to pump through choke and MGS, circulated w/ 300l/min - 0 Bar
01:00	01:30	149	plug abandon -- perforate	ok	Broke TDS, dropped 1 3/8in ball . M/U TDS. Took up/down weights: 72t/69t. Closed UPR. Pumped down ball w/ 160 l/min, pressured up to 135 bar to shear ball seat. Good indication of guns firing. Top shot @146 m, bottom shot @149m
01:30	02:15	149	plug abandon -- perforate	ok	Continued circulating w/ 160 l/min until stable returns observed. Increased pump rate to 1000 l/min - 3.5bar. Max gas 3.6 % - H2S 1 ppm (in fluid). Circulated 3,5x bottoms up
02:15	02:45	149	plug abandon -- perforate	ok	Flowchecked well through the choke. Ok. Opened UPR and flowchecked well. Ok
02:45	03:15	10	plug abandon -- perforate	ok	POOH w/ perforating BHA from 149m
03:15	04:00	0	plug abandon -- perforate	ok	L/D perforating BHA
04:00	04:30	0	plug abandon -- other	ok	Changed handling equipment and prepared to P/U EZSV plug
04:30	04:45	0	plug abandon -- other	ok	Performed Pre-job Meeting to P/U EZSV
04:45	05:15	0	plug abandon -- mechanical plug	ok	P/U EZSV plug and RT
05:15	07:00	834	plug abandon -- other	ok	RIH w/ EZSV (run# 29) to 854 mMD. Average running speed 556 m/hr.
07:00	08:00	854	plug abandon -- mechanical plug	ok	Established circulation and washed the setting area, 500 lpm/ 0.3 bar. Installed the 14" EZSV mechanical plug at 854 mMD. Load tested the plug with 10 ton.
08:00	08:30	645	plug abandon -- other	ok	POOH w/ EZSV RT on 5 1/2" DP from 854 m to 645 mMD . Avg. tripping speed 418 m/hr.
08:30	09:00	645	plug abandon -- mechanical plug	ok	Changed inserts in BX elevator to 5" and P/U RTTS plug. Removed PS-21 slips and installed master bushing. Changed inserts in BX elevator back to 5 1/2"
09:00	09:45	788	plug abandon -- other	ok	RIH w/ RTTS and safety joint on 5 1/2" DP from 645 m to 788 m (RTTS plug depth at 143.6m). RTTS plug hung up at 143.6m. Pulled up and re-attempted to RIH. Unable to run RTTS plug past restriction in WH.
09:45	10:00	788	plug abandon -- other	ok	Evaluated situation. Meanwhile: Greased and checked dies on IRN.
10:00	10:15	645	plug abandon -- other	ok	POOH w/ RTTS on 5 1/2" DP from 788 m to 645 m.
10:15	11:00	645	plug abandon -- mechanical plug	ok	Changed BX inserts to 5". L/D the RTTS and safety joint.
11:00	11:30	648	plug abandon -- other	ok	P/U and M/U 3m pup for space out. Pulled master bushing and installed PS-21 slips.
11:30	12:15	854	plug abandon -- cement plug	ok	RIH w/ EZSV RT on 5 1/2" DP from 648 m to 854 m . Avg. tripping speed 275 m/hr. Tagged EZSV w/ 2 ton to confirm depth.
12:15	12:45	854	plug abandon -- cement plug	ok	P/U and M/U pump-in sub. Stung into EZSV and set down 10 ton. Connected cement hose and installed lo-torque valve to pump-in sub.
12:45	14:30	854	plug abandon -- cement plug	ok	Closed UPR. Lined up and pumped 10m3 push pill at 1000lpm / 12 bar. Circulated SW at 1000-1800 lpm / 12 bar until clean returns. Meanwhile: Performed TBT for cement job.
14:30	14:45	854	plug abandon -- cement plug	ok	Opened UPR and flow checked well, static.
14:45	16:45	854	plug abandon -- cement plug	ok	Lined up and pumped 20m3 wash pill at 1285 lpm / 11.5 bar. Closed upper FOSV and trapped 20 bar behind. Applied 20 bar from cement unit to drill floor and confirmed line-up. Pumped 33 m3 1.90sg cement slurry at 600 lpm. Added well-life to the first 10m3 of cement slurry (11 kg/m3). Chased cement by pumping SW at 1000 lpm / 12 bar. After catching up with cement, continued displacing cement with SW at 1000 lpm / 12 bar, then reduced rate to 800 lpm the last 1.7m3. Pumped totally 11.7m3 SW. Pressure increased from 12 bar to 47 bar, indicating that cement entered annulus. Recorded 1.8m3 losses during displacement. Estimated TOC in annulus at 480 mMD.

16:45	17:15	854	plug abandon -- cement plug	ok	Released from EZSV plug and rigged down cement hose. L/D pump-in sub.
17:15	18:00	811	plug abandon -- cement plug	ok	POOH w/ EZSV RT on 5 1/2" DP from 854 m to 811 m. Installed pup joint w/ pre-loaded sponge ball. Circulated with 3450 lpm / 31 bar until clean returns. Measured 10% gas, reduced rate to 1980 lpm.
18:00	18:45	647	plug abandon -- cement plug	ok	POOH w/ EZSV RT on 5 1/2" DP from 811 m to 647 m. Avg. tripping speed 219 m/hr.
18:45	19:00	644	plug abandon -- cement plug	ok	L/D 3m pup joint.
19:00	19:30	0	plug abandon -- cement plug	ok	POOH w/ EZSV RT on 5 1/2" DP from 644 m to surface. Avg. tripping speed 970 m/hr.
19:30	19:45	0	plug abandon -- cement plug	ok	Removed PS-21 slips and installed master bushing. L/D EZSV RT.
19:45	20:00	0	plug abandon -- cement plug	ok	Cleaned and cleared drill floor.
20:00	00:00	0	interruption -- wait	ok	WOC Meanwhile: Maintenance - Replaced alignment cylinders on TDS - Performed PM inspection on drawworks - Performed PM check on FWD PRS