

Summary report

Wellbore: 15/9-F-15

Period: 2008-12-02 00:00 - 2008-12-03 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	59
Days Ahead/Behind (+/-):	22
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 ():	
Pressure ():	
Date Well Complete:	2008-12-11

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

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)

RIH with 8 1/4" clean out BHA. Washed down from 2034m to 2629m, rate 2500lpm SPP 167-175bars, 80 rpm. Tagged and set down 10 MT at 2631m firm cement. Cleaned out hole having large cuttings back over the shakers.

Summary of planned activities (24 Hours)

POOH with 8 1/4" clean out BHA. M/U cement stinger and RIH same. Set cement plug and POOH. WOC.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:15	241	interruption -- maintain	ok	Continued investigation of the incident. Simulated incident. Found HTS rollers got stop signal but had too long slowing down period. Investigated for hydraulic or electrical error. On 2nd simulation attempt the system worked normal, rollers stopped as they should. Unable define the error.
01:15	02:00	241	interruption -- maintain	ok	Held tool box talk and removed the HTS rollers.
02:00	04:00	0	plug abandon -- trip	ok	Continued POOH with 3 1/2" DP from 241m to surface and laid out 3 1/2" DP on cantilever.
04:00	05:15	0	plug abandon -- cement plug	ok	Held tool box talk and leak tested Cement line to rig floor 200 bars/5mins. Attempted to pressure test the 2nd cement plug. Pressure up against shear ram 50 bars and increased pressure in 20 bars increments. At 110 bars pressure drop rapid to 70 bars. 0.95 m³ pumped 0.6 m³ return. Trip tank steady.
05:15	06:00	0	plug abandon -- trip	ok	Prepared for RIH with 8 1/4" drill out BHA.
06:00	08:00	0	plug abandon -- trip	ok	Prepared for RIH with 8 1/4" clean out BHA.
08:00	10:30	125	plug abandon -- trip	ok	RIH with 8 1/4" clean out BHA. Removed nozzles in bit.
10:30	10:45	125	plug abandon -- other	ok	Changed out master bushing to PS21 slips.
10:45	14:15	1510	plug abandon -- trip	ok	RIH with 5" Drill pipe from 125m to 1510m. Filling pipe every 10 stands. Closed end displacement, monitoring returns on trip tank. Tripping speed 395 m/hr. 5" elevators not closing probably on 5" drill pipe.
14:15	14:30	1510	interruption -- maintain	ok	Investigated slipped stand in PRS and elevator.
14:30	15:30	1836	plug abandon -- trip	ok	Continued RIH with 5" DP from 1510m to 1836m. Tripping speed 326 m/hr.
15:30	16:00	2034	plug abandon -- trip	ok	RIH from 1836m to 2034m, up/down weight 129/112 MT. Tripping speed 198 m/hr.
16:00	16:45	2034	plug abandon -- circulating conditioning	ok	Started circulation, staged up pumps from 450 to 2000 L/min, SPP 21.5 to 99.4 bars.
16:45	19:00	2401	plug abandon -- circulating conditioning	ok	Washed down from 2034m to 2401m, down/up weight 114/131 MT. 2000 L/m, 105bar, increased pumprate to 2500 L/m, 167bar. No cement over the shakers.
19:00	22:00	2631	plug abandon -- circulating conditioning	ok	Continued washing down from 2401m to 2587m w/ 2500 lpm, SPP 167-175bars. Tight/overpull at 2587mt. Started rotation at 20rpm. Continued to wash/ream down from 2587m to 2629, Torq 5-10 kNm. Occasionally WOB at 5 mt for a few seconds, otherwise no WOB. Took weight at 2629m 10 MT. Washed through. Reamed to 2631 m. Stopped rotation and set down 10 MT with 2500 lpm, firm cement at 2631m (TD). 50/50 cement/formation over the shakers. No gain/losses during clean out.
22:00	00:00	2621	plug abandon -- circulating conditioning	ok	Circulated hole with 2500 lpm 80 rpm and reciprocated the string. Size of the cutting in return: Cement Ø1" and formation chips 2" x 1/2" x 1/8". Circulated 3 bottoms up. After 2nd bottoms up 90 % formations cuttings back. No gain/losses during clean out. Decided to pump out to 9 5/8" casing shoe.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	241		miscellaneous equ syst -- other	0	00:00	Mærsk synergi # 330445 - 3,5" DP coming off end of hydraulic rollers. Mærsk gradering green 3 3,5" DP coming off end of hydraulic rollers. Unable to stop rollers by various means.