

Down Hole

Job: AU-DD-OEH-001
Well: Westwood 1
Run: 06
Incident: FR-06

Incident Count: 1
Total Lost Time: 26.50
Start Run Date: 21/12/2009 2:00:00PM
End Run Date: 26/12/2009 6:00:00AM

Job Information

Company: Overseas Energy Holdings
Region: Asia Pacific
District: Australia
Field: Westwood
Coordinator Name: Ali Rastegar
Rig Phone: N/A
Service Type:
Surface System: KIT-15613

Engineers On Duty

<u>Lead</u>	<u>Last Name</u>	<u>First Name</u>	<u>Description</u>
	Khan	Faheem	
	Pickering	Clive	

Reason for POOH

Battery # 15260 premature discharged Failure. This has worked in the favor of the client and allowed for both a bit change (plus change jets) and also to lay out 4 drill collars.

Hydraulics

Drilling Parameters

Mud Parameters

<u>Δ P Total:</u>	425	psi	<u>RPM:</u>	113		<u>Mud Type:</u>	Water Base	
<u>Max Oper Pressure:</u>	2659.49	psi	<u>Weight on Bit:</u>	23	klb	<u>Mud Weight:</u>	9.35	ppg
<u>TFA:</u>	0	in2	<u>Flow Rate:</u>	402	gpm	<u>Funnel Viscosity:</u>	44	sec/qt
<u>Max Obs Pressure:</u>	0	psi	<u>Under Balanced:</u>	No		<u>Oil %:</u>	0	
<u>Max Hyd Pressure:</u>	2234.49	psi	<u>Gas Flow Rate:</u>	0	ft3/min	<u>Water %:</u>	93.9	
<u>Pulse Amplitude:</u>	15	psi	<u>Torque:</u>	24000	ft-lbs	<u>Solid %:</u>	6.1	
<u>Orifice Size:</u>	45	deg				<u>Sand %:</u>	0.25	
						<u>pH:</u>	10.5	

Failure Data

Tool #: PH91634PDYB-T04

Incident Date: 25/12/2009 6:30:00 PM

Component: Battery Low Temp

TFF: No

Serial Number: 15260

CI: Yes

Lost Time: 26.50

Incident Parameters

<u>Depth MD:</u>	1389	m
<u>Depth TVD:</u>	1386	m
<u>Oper Pressure:</u>	1250	psi
<u>Temperature:</u>	52	C
<u>Mud Weight:</u>	9.3	ppg
<u>Flow Rate:</u>	400	gpm
<u>Sand %:</u>	.1	
<u>Lcm:</u>	0	lbs/bbl
<u>Lcm Type Grade:</u>		
<u>WOB:</u>	20	klb
<u>Torque:</u>	6500	ft-lbs
<u>RPM:</u>	60	

Failure Description:

Battery # 15260 premature discharged Failure. This has worked in the favor of the client and allowed for both a bit change (plus change jets) and also to lay out 4 drill collars.

Corrective Action:

Checked detecton settings, cycled pump s, swapped pumps. Used NR procedure to diagnose fault. POOH to change out MWD. Conducted vibration test on pulser on surface, no response, connected to tool and attempted to communicate on surface. No response but lights ok on programming surface comm adapter . Swapped out MWD tool with back up tool, and RIH. Removed battery from failed tool and tested battery under load. FAILED TEST. Replaced with new battery and tested tool. Passed all programming, roll test and function tests. Tested tool for a second time and passed programming, roll test and function test with no errors.