



OEHL

POST JOB REPORTS
CEMENTING/PUMPING

Well Name : Westwood 1

Rig: Hunt Rig # 3

CEMENT CONDUCTOR CASING 14161

Prepared for Juris Ozolins

26/11/2009

Prepared by Anthony Kelly

HALLIBURTON

The Future is Working Together.

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HALLIBURTON			CUSTOMER	SALES ORDER No.	DATE
			OEHL	0	26 November 2009
CEMENT/PUMPING JOB SUMMARY					
WELL	LOCATION/FIELD NAME	COUNTRY	HES REP	CUSTOMER REP	WELL TYPE
Westwood 1	TASMANIA	Australia	Anthony Kelly	Juris Ozolins	Exploration
JOB TYPE		JOB PURPOSE CODE		BDA	RIG
Zonal Isolation		CEMENT CONDUCTOR CASING 14161		Perth	Hunt Rig # 3
KEY PERFORMANCE INDICATORS					

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Zonal Isolation		CEMENT CONDUCTOR CASING 14161		Perth	Hunt Rig # 3
TYPE OF JOB (Cementing or Non-Cementing):		Cementing		WAS THIS A PRIMARY CEMENT JOB (YES / NO)	
Select the job type (Cementing or Non-Cementing)				YES	
MAX. DEVIATION RANGE:		Vertical - 0 to < 5 deg		DID WE RUN WIPER PLUGS?	
Vertical, deviated, high angle or horizontal				None	
TOTAL OPERATING TIME (hrs)		8.0 hrs		WAS THIS A PLUG OR SQUEEZE JOB?	
Rig up/ Pumping/ Rig Down				Neither	
HSE INCIDENT, ACCIDENT, INJURY:		NO		WAS THIS A PRIMARY OR REMEDIAL JOB?	
This should be recordable incidents only				Primary	
WAS THE JOB DELIVERED CORRECTLY AS PERJOB DESIGN?:		YES		MIXING DENSITY OF JOB STAYED IN DESIGNED RANGE	
This will be dictated by the customer				95%	
TOTAL TIME PUMPING (hrs)		2.0 hrs		Density defined as +/- 0.2ppg. Calculation: Total bbls cement mixed at designed density divided by total bbls of cement multiplied by 100	
Total number of hours pumping fluid on this job				WAS AUTOMATED DENSITY CONTROL USED	
NON -PRODUCTIVE RIG TIME:		0.0 hrs		YES	
As a result of Halliburton cementing PSL					
NUMBER OF JSA'S PERFORMED:		1		JOB WAS PUMPED AT DESIGNED PUMP RATE	
				90%	
NUMBER OF UNPLANNED SHUTDOWNS (After starting to pump)		1		Pump rate ranged defined as +/- bpm. Calculation : total bbls of fluid pumped at the designed rate divided by total bbls of fluid pumped multiplied by 100	
				NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - HES	
TYPE OF RIG(CLASSIFICATION) JOB WAS PERFORMED ON:		LAND		Number of remedial squeeze jobs required after primary job performed by HES	
REASON FOR UNPLANNED SHUTDOWNS (After starting to pump)				NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - COMPETITION	
Add details in job logs				0	
REASON FOR NON-PRODUCTIVE RIG TIME (Cementing PSL responsibility):				NUMBER OF REMEDIAL PLUG JOBS REQUIRED - HES	
Add details in job logs				0	
				Number of remedial plug jobs required after primary plug pumped by HES	

CUSTOMER SATISFACTION SURVEY

Sales	Line Item:	
0	0	
Customer:		Job Type (BOM):
OEHL		Zonal
Customer Rep./Phone:		API / UWI: (leave blank if unknown)
Juris Ozolins		0
Well Name:		Well Number:
Westwood 1		0
Well Type:	Well Country:	
Exploration	Australia	
H2S	Well State:	Well County:
0	0	0

Dear Customer,

We hope that you were satisfied with the service delivery of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

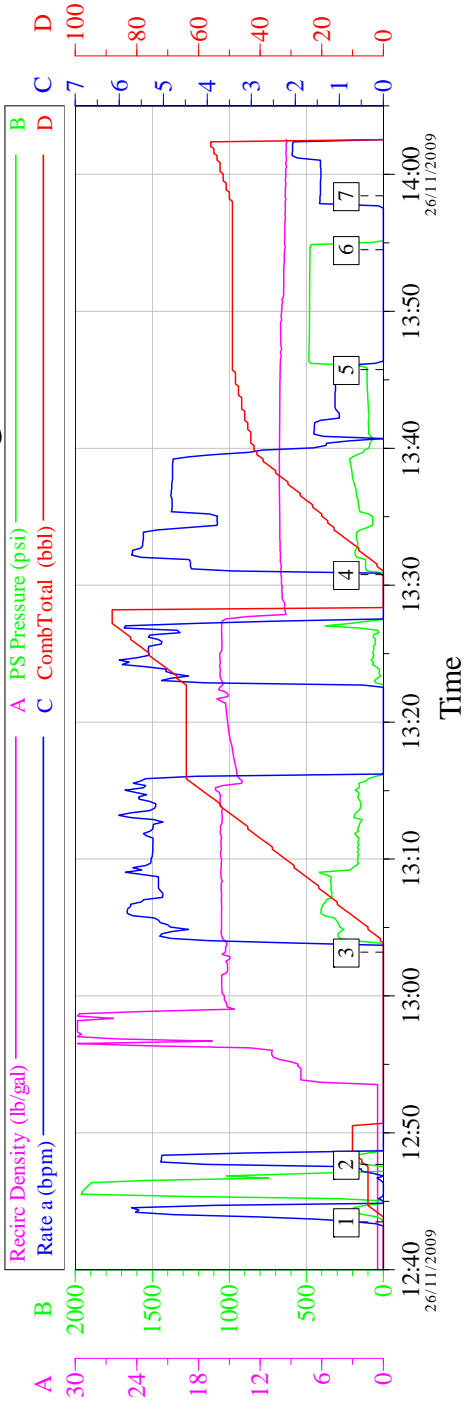
CATEGORY	CUSTOMER SATISFACTION RATING (Please circle yes or no)
Survey Conducted Date	The date the survey was conducted
Survey Interviewer	The survey interviewer is the person who initiated the survey.
Customer Participation	Did the customer participate in this survey? (Y/N)
Customer Representative	Enter the Customer representative name
HSE	Was our HSE performance satisfactory? Circle Y or N
Equipment	Were you satisfied with our Equipment? Circle Y or N
Personnel	Were you satisfied with our people? Circle Y or N
Customer Comment	
Job DVA	Did we provide job DVA above our normal service today? Circle Y or N
Time	Please enter hours in decimal format to nearest quarter hour.
Other	Enter short text for other efficiencies gained.
Customer Initials	Customer's Initials
Please provide details	

CUSTOMER SIGNATURE

PERSONELL			
PERSONNEL / EXPOSURE	hrs	PERSONNEL / EXPOSURE	hrs
#N/A	Anthony Kelly	24	#N/A
			Dave webb
		24	
EQUIPMENT			
SAP#	PUMPING / MIXING	HOURS	SAP#
#N/A	SKD 4		BULK SUPPLY / TANKS
			HOURS
			#N/A
			1410 field storage bin

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JOB TYPE				JOB PURPOSE CODE				BDA		RIG
Zonal Isolation				CEMENT CONDUCTOR CASING 14161				Perth		Hunt Rig # 3
SAP#		VEHICLES / TRAILERS		HOURS		SAP#		OTHER EQUIPMENT		HOURS
						#N/A		Cutting pod		
FLOAT EQUIPMENT AND CASING EQUIPMENT										
SAP#		FLOAT EQUIPMENT		QTY		SAP#		PLUGS		QTY
#N/A		Non Halliburton		2		#N/A		Non Halliburton		1
SAP#		CASING ATTACHMENTS		QTY		SAP#		OTHER		QTY
#N/A		Centralizers Non Halliburton		2						
WELL PROFILE										
NEW CASING				OPEN HOLE + EXCESS OR CALIPER DATA				PREVIOUS CASINGS		
Non Tapered Casing , , 12m shoe track										
13.375in 54.4ppf K-55 BUT : 0m to 104m MD, 104m TVD				17.5in, 50 percent excess, 0m to 104				20in, ppf, 0 to 18.2		
CEMENT DESIGN										
Spacer					Single					
DENSITY		8.3ppg		WATER		0.00gal/sk		DENSITY		15.8ppg
YIELD		0.00cuft/sk		MIX FLUID		0.00gal/sk		YIELD		1.17cuft/sk
WATER SOURCE		Freshwater		WATER SOURCE		Freshwater		WATER SOURCE		Freshwater
CEMENT TYPE		at lb/sk		CEMENT TYPE		ABC Class 'G' at 94lb/sk		CEMENT TYPE		ABC Class 'G' at 94lb/sk
Total Cement Used		MT		Total Cement Used		15MT		Total Cement Used		15MT
Estimated TOC				Estimated TOC		Surfacem		Estimated TOC		Surfacem
Additive		Concentration		Total Used		Additive		Concentration		Total Used
						Calcium Chloride		1 %BWOC		174lbs
JOB LOGS										
DATE		TIME	VOLUME	PRESSURE (psi)		RATE	JOB DESCRIPTION			
DAY-MTH-YR		HRS:MIN	BBLs	HIGH	LOW	BPM	REMARKS/DETAILS			
7.10.2009							Hold JSA with All crews involved			
		15:38	5	50		3	Make Announcement, for Pressure Testing Surface Lines			
		15:50	0.2	2000			Shut in Lo Torq Valve on Rig floor, Test Surface lines to 2000psi hold 5 min.			
		16:00	40	172		5.5	Open Valve , Pump 5bbl - Zero counter			
			29.5	172		5.5	Mix & Pump 40 bbls CMT Slurry @ 15.8ppg,			
			0				Mix & Pump 29.5 bbls CMT Slurry @ 15.8ppg, with 1%CaCl2			
			49.8			5	Drop top plug			
		16:50					pump 49.8bbls of displace Mud			
							Bump plug			
							hold pressure for 10mins			
							bleed off 0.25 bbl return			
							End job			
END OF JOB LOGS										

13-3/8" Conductor Casing



- 1 Pump Freshwater Ahead, then Pressure Test Surface Lines
- 2 Pump Freshwater Spacer, then Drop Bottom Plug
- 3 Mix and Pump Single Slurry
- 4 Drop Top Plug, Pump Freshwater, Displace with Mud
- 5 Bump Plug, Hold Pressure for Casing Test
- 6 Bleed Off Lines, Check Floats
- 7 Wash Up Unit

Customer: OEHL
Well Desc: West wood-1

Job Date: 26/11/2009
UWI: Conductor Casing

TG Version G3.4.1
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