

# Overseas Energy Holdings Limited

## Westwood 1-ST1 Well Completion Report





Westwood 1-ST1 Well Completion Report

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September, 2010

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## Introduction

Westwood 1 was the first exploration well drilled on SEL 5/2005 by Overseas Energy Holdings Limited (OEHL). Drilling operations began on 20 October 2009. Well target depth was 2,000m.

Drilling operations were suspended on 20 January 2010 at 1,679m because of high torque and drag. Three cement plugs were pumped.

The well did not achieve the reservoir target and OEHL began evaluation and planning for well re-entry and directional drilling to reservoir target.

Decision was made to abandon Westwood and the final cement plug was pumped on 14 July 2010.

## Schedule and Detail of Well Completion, Plug and Abandonment

Date	Operations
30 Jun 2009	Approval to drill Westwood 1
7 Oct 2009	Notice to begin drilling pilot hole
20 Oct 2009	Pilot hole spud
29 Oct 2009	Run and set 20" conductor at 14.2m, release pilot hole rig
23 Nov 2009	Notice to begin drilling
26 Nov 2009	Spud Westwood 1
27 Nov 2009	Run 13-3/8" 54.5 ppf K55 casing to 104m, cement to surface
3 Dec 2009	Run 9-5/8" 36.0 ppf K55 casing to 339m, cement to surface
7 Dec 2009	Request to sidetrack
11 Dec 2009	Approval to sidetrack
17 Dec 2009	Plug back and sidetrack
2 Jan 2010	Suspend drilling operations, pump 3 cement plugs
4 Jan 2010	Release rig, evaluate well re-entry
14 Jul 2010	Pump cement surface plug, cut off wellhead and cap 1m below surface

## Westwood 1-ST1 Wellbore Diagram

The Westwood wellbore diagram is presented on the following page.



**Westwood 1  
and  
Sidetrack 1**

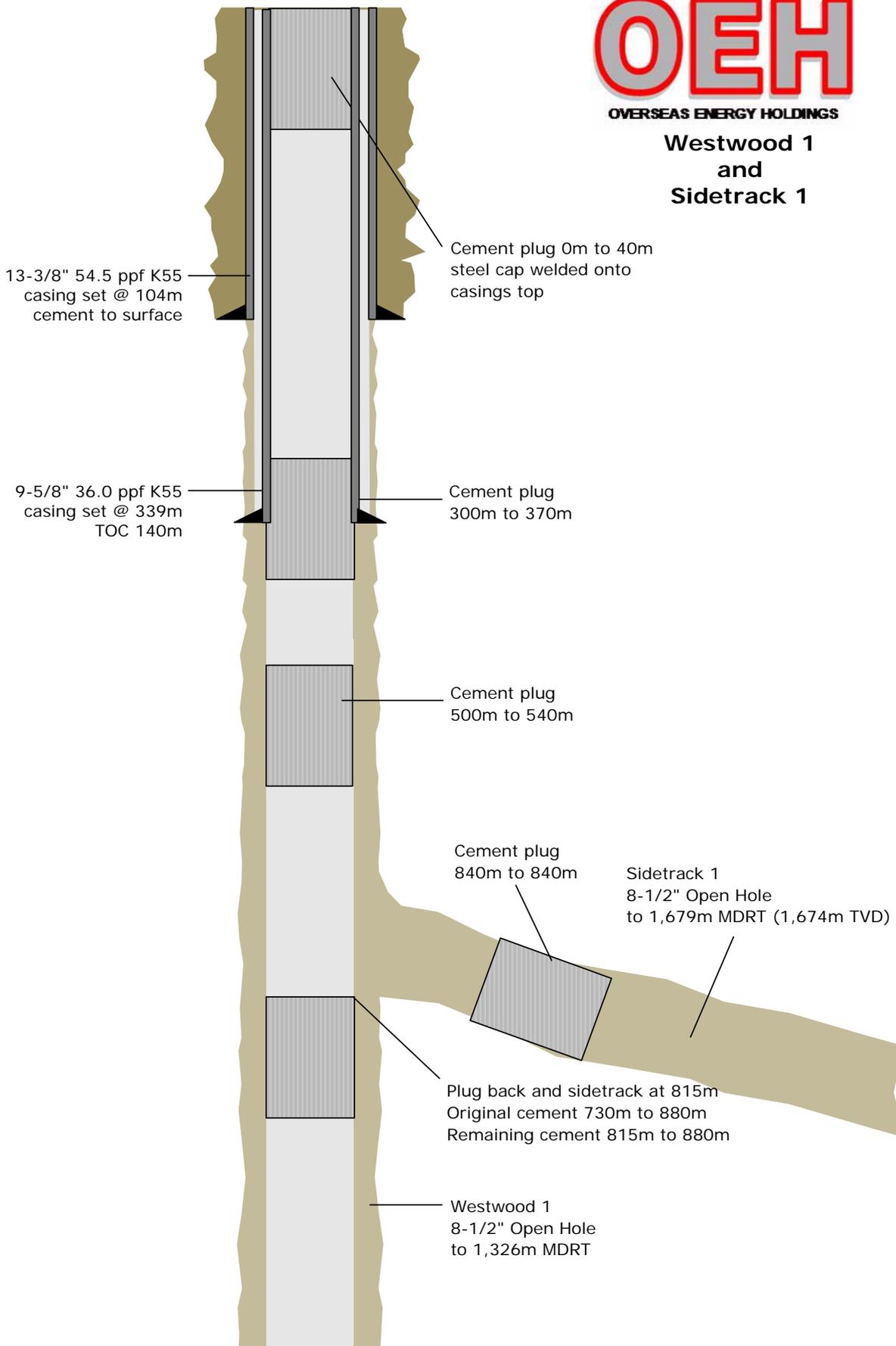


Figure 1: Westwood 1-ST1 Wellbore Diagram

## Casing and Cement

The 20" surface conductor was run on 25 November 2009 using the pilot hole air hammer drilling rig. The surface conductor casing was set at 14.2m.

Surface casing was run on 27 November 2009. Surface casing specifications are as follows.

Size	Grade	Weight	Threads	Range
13-3/8"	K-55	54.5	BTC	3
Burst: 2730 psi, Collapse: 1130 psi, Tension: 853 klbs				

The casing was cemented in the hole with 8bbls of ABC Class G at 94lb/sk. Cement parameters are as follows.

Density: 15.8 ppg	Water: 5.17 gal/sk
Yield: 1.17 ft <sup>3</sup> /sk	Mix fluid: 5.20 gal/sk
Water source:	Freshwater
Total cement used:	15mt
Top of cement:	Surface

Intermediate casing was run on 3 December 2009. Intermediate casing was set at 339m. Casing specifications are as follows.

Size	Grade	Weight	Threads	Range
9-5/8"	K-55	36.0	BTC	3
Burst: 3520 psi, Collapse: 2020 psi, Tension: 755 klbs				

The casing was cemented in the hole with ABC Class G at 94lb/sk. Cement parameters are as follows.

Density: 15.8 ppg	Water: 5.10 gal/sk
Yield: 1.16 ft <sup>3</sup> /sk	Mix fluid: 5.11 gal/sk
Water source:	Freshwater
Total cement used:	270sks
Top of cement:	140m

Casing and cement reports are presented in Appendix 1.

## Westwood 1-ST1 Cement Plugs

Westwood 1 was plugged back for sidetracking the well on 17 December 2009 with a cement plug. The plug was made of 134sx of 16.5 ppg class G cement and set over 780m to 880m. The plug was drilled out to 815m during initiation of the sidetrack.

On 2 January the decision was made suspend drilling operations and three plugs were pumped into the well. The following presents the design and pumping data for these plugs.

### SLURRY INFORMATION:

Density: 16.5 PPG

Yield: 1.06 CuFt/Sk

Water: 4.30 Gal/Sk

Mix Water: 4.38 Gal/Sk

### PLUG #1:

From 840m to 740m in 8-1/2" Open Hole ( 100m PLUG )

Cement: 23.0314 BBLs = 121.9974 SKS ( 122 SKS )

Chemicals:

CFR-3L = 7.4943 Gallons ( 7.5 Gallons )

SCR-100L = 1.2491 Gallons ( 1.25 Gallons )

NF-6 = 0.3123 Gallons ( 0.31 Gallon )

Job Procedure:

2.5 BBLs Fresh Water Spacer Ahead

23.0314 BBLs Cement Mixed @ 16.5 PPG

0.7038 BBLs Fresh Water Spacer Behind

33.8198 BBLs WBM Displacement

### PLUG #2:

From 540m to 500m in 8-1/2" Open hole ( 40m PLUG )

Cement: 9.2126 BBLs = 48.7992 SKS ( 49 SKS )

Chemicals:

CFR-3L = 3.012 Gallons ( 3 Gallons )

SCR-100L = 0.502 Gallons ( 0.5 Gallon )

NF-6 = 0.1255 Gallons ( 0.13 Gallon )

Job Procedure:

2.5 BBLs Fresh Water Spacer Ahead

9.2126 BBLs Cement Mixed @ 16.5 PPG

0.7038 BBLS Fresh Water Spacer Behind

22.6229 BBLS WBM Displacement

PLUG #3:

From 370m to 300m ( 300m - 338m = 9-5/8" Casing, 338m - 370m = Open Hole ) (70m PLUG )

Cement: 17.0072 BBLS = 90.0872 SKS ( 90 SKS )

Chemicals:

CFR-3L = 5.5286 Gallons ( 5.5 Gallons )

SCR-100L = 0.9214 Gallons ( 0.92 Gallon )

NF-6 = 0.2304 Gallons ( 0.23 Gallon )

Job Procedure:

2.5 BBLS Fresh Water Spacer Ahead

17.0072 BBLS Cement Mixed @ 16.5 PPG

0.5055 BBLS Fresh Water Spacer Ahead

13.4905 BBLS WBM Displacement

### **Final Plug and Abandonment**

Decision was made not to re-enter Westwood and a final cement plug was pumped into Westwood 1. The procedure for the final well abandonment was as follows.

1. Run and set packer to 40m.
2. Displace 10sks cement from top of packer.
3. Cut off wellhead 1.1m below ground level.
4. Pump 85 sks cement displacing from top of plug to 0.1m from top of casing.
5. Weld 12mm steel plate on top of 13-5/8" and 9-5/8" casing strings.

### **Drilling Location Rehabilitation**

Per agreement with the landowner the location was partially rehabilitated to its original state so that the pad may be used for agriculture operations. Written acknowledgement from the property owner that the rehabilitation has been completed to his satisfaction is presented in Appendix 2.

The location perimeter was graded so as to match the slope of the land and new grass was planted. The sump was drained and cuttings removed. The sum and well cellar were filled, compacted and graded.

Certificates of disposal for the Westwood fluids and solids are presented in Appendix 3.

## Appendixes

### Appendix 1 – Casing and Cement Data

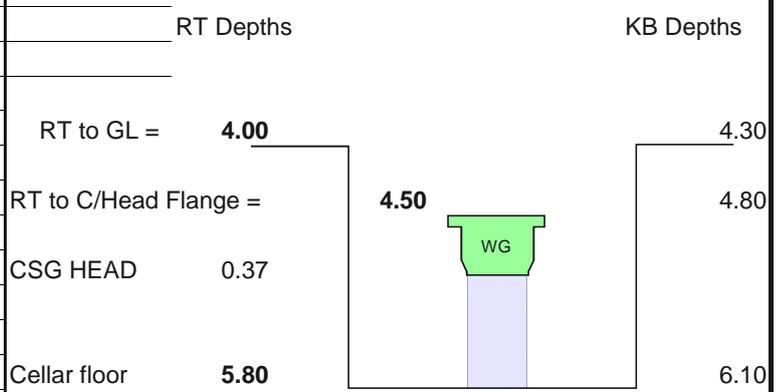
OEH Ltd / Hunt 3  
**RUNNING LIST**

**WELL:** Westwood #1  
**STRING:** 13-3/8" Conductor

By: J.Ozolins HOLE DIA: 17.50 TD: 120 DATE: 25-Nov-09

JOINT NUMBER		CASING DESCRIPTION					MAKE UP TORQUE		
From	To	Size	Grade	Weight	Threads	Range	Maximum	Minimum	Optimum
1	17	13-3/8"	K-55	54.5	BTC	3			Base of diamond mark
Burst: 2730 psi, Collapse: 1130 psi, Tension: 853 klbs									

ITEM	ITEM LENGTH	CUM LENGTH	FINAL POSITION		COMMENTS
			FROM	TO	
				below RT	Rathole = 7m 17.5 " to 112m, 10m 8" to 122 Threadlock/tack weld FS - Jt#1 - FC - Jt#2
<b>FShoe</b>	<b>0.51</b>	0.51	104.34	104.85	KB - RT = 0.30 m
1	11.78	12.29	92.56	104.34	Centralizer on stop ring 3m above Float Shoe
<b>FC</b>	<b>0.45</b>	12.74	92.11	92.56	W'ford
2	11.83	24.57	80.28	92.11	Centralizer on stop ring 3m above Float Collar
3	11.83	36.40	68.45	80.28	
4	11.14	47.54	57.31	68.45	
5	11.83	59.37	45.48	57.31	
6	11.82	71.19	33.66	45.48	
7	11.61	82.80	22.05	33.66	
8	11.23	94.03	10.82	22.05	
9	11.82	105.85	-1.00	10.82	Last joint, 10.82m below RT, 1.00m Stick-up
10	11.83	OUT - Spare			
11	not meas.	OUT - Spare			
12	not meas.	OUT - Spare			
13	not meas.	OUT - Spare			
14	not meas.	OUT - Spare			
15	not meas.	OUT - Spare			RT Depths
16	not meas.	OUT - Spare			
17	not meas.	OUT - Spare			KB Depths
					RT to GL = 4.00
					RT to C/Head Flange = 4.50
					CSG HEAD 0.37
					Cellar floor 5.80
					4.30
					4.80
					6.10





# 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

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

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
<b>TYPE OF JOB (Cementing or Non-Cementing):</b> Select the job type (Cementing or Non-Cementing)			<b>WAS THIS A PRIMARY CEMENT JOB (YES / NO)</b>		
MAX. DEVIATION RANGE: <i>Vertical, deviated, high angle or horizontal</i>			WAS THIS A PLUG OR SQUEEZE JOB?		
TOTAL OPERATING TIME (hrs) <i>Rig up/ Pumping/ Rig Down</i>			WAS THIS A PRIMARY OR REMEDIAL JOB?		
HSE INCIDENT, ACCIDENT, INJURY: <i>This should be recordable incidents only</i>			REMEDIAL = Repeated attempts or corrections of initial cement job		
WAS THE JOB DELIVERED CORRECTLY AS PERJOB DESIGN?: <i>This will be dictated by the customer</i>			MIXING DENSITY OF JOB STAYED IN DESIGNED RANGE <i>Density defined as +/- 0.2ppg. Calculation: Total bbls cement mixed at designed density divided by total bbls of cement multiplied by 100</i>		
TOTAL TIME PUMPING (hrs) <i>Total number of hours pumping fluid on this job</i>			WAS AUTOMATED DENSITY CONTROL USED		
NON -PRODUCTIVE RIG TIME: <i>As a result of Halliburton cementing PSL</i>			JOB WAS PUMPED AT DESIGNED PUMP RATE		
NUMBER OF JSA'S PERFORMED:			NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - HES		
NUMBER OF UNPLANNED SHUTDOWNS (After starting to pump)			NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - COMPETITION		
TYPE OF RIG(CLASSIFICATION) JOB WAS PERFORMED ON:			NUMBER OF REMEDIAL PLUG JOBS REQUIRED - HES		
REASON FOR UNPLANNED SHUTDOWNS (After starting to pump) <i>Add details in job logs</i>			NUMBER OF REMEDIAL PLUG JOBS REQUIRED - HES <i>Number of remedial plug jobs required after primary plug pumped by HES</i>		
REASON FOR NON-PRODUCTIVE RIG TIME (Cementing PSL responsibility): <i>Add details in job logs</i>					

## 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.

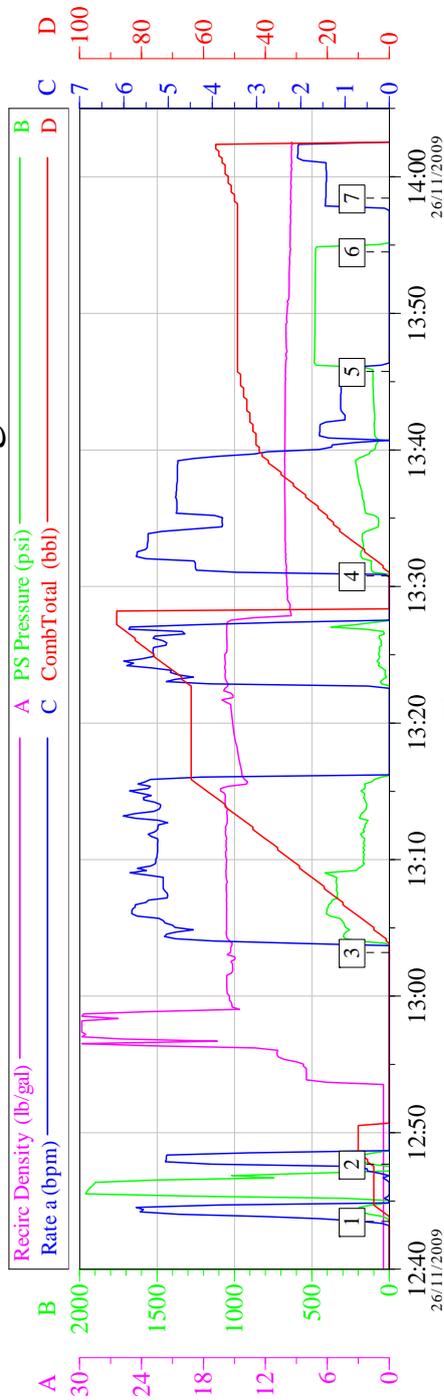
CATEGORY	CUSTOMER SATISFACTION RATING (Please circle yes or no)	
Survey Conducted Date	The date the survey was conducted	
Survey Interviewer	The survey interviewer is the person who initiated the survey.	
Customer Participation	Did the customer participate in this survey? (Y/N)	
Customer Representative	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	SAP#	BULK SUPPLY / TANKS
#N/A	SKD 4	#N/A	1410 field storage bin

<b>HALLIBURTON</b>				CUSTOMER		SALES ORDER No.		DATE		
				OEHL		0		26 November 2009		
<b>CEMENT/PUMPING JOB SUMMARY</b>										
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
SAP# VEHICLES / TRAILERS			HOURS			SAP# OTHER EQUIPMENT			HOURS	
						#N/A Cutting pod				
<b>FLOAT EQUIPMENT AND CASING EQUIPMENT</b>										
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								
<b>WELL PROFILE</b>										
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		
<b>CEMENT DESIGN</b>										
Spacer					Single					
DENSITY 8.3ppg		WATER 0.00gal/sk		DENSITY 15.8ppg		WATER 5.17gal/sk				
YIELD 0.00cuft/sk		MIX FLUID 0.00gal/sk		YIELD 1.17cuft/sk		MIX FLUID 5.20gal/sk				
WATER SOURCE Freshwater					WATER SOURCE Freshwater					
CEMENT TYPE at lb/sk					CEMENT TYPE ABC Class 'G' at 94lb/sk					
Total Cement Used MT					Total Cement Used 15MT					
Estimated TOC					Estimated TOC Surfacement					
Additive Concentration Total Used			Additive Concentration Total Used							
			Calcium Chloride 1 %BWOC 174lbs							
<b>JOB LOGS</b>										
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			Pump 5bbls Fresh Water				
		5	50		3	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: Westwood-1

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



# OEHL

POST JOB REPORTS  
CEMENTING/PUMPING

**Well Name : Westwood-1**

**Rig: Hunt #3**

## SURFACE CASING 7521

**Prepared for Juris Ozolins**

**3/12/2009**

**Prepared by Anthony Kelly**

**HALLIBURTON**

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CUSTOMER	SALES ORDER No.	DATE
OEHL	0	3 December 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
Cementing Casing		SURFACE CASING 7521		Perth	Hunt #3

### KEY PERFORMANCE INDICATORS

<b>TYPE OF JOB (Cementing or Non-Cementing):</b> <i>Select the job type (Cementing or Non-Cementing)</i>	<input type="text" value="Cementing"/>	<b>WAS THIS A PRIMARY CEMENT JOB (YES / NO)</b> <i>Primary cement job = Casing job, Liner Job, tie back</i>	<input type="text" value="YES"/>
<b>TOTAL OPERATING TIME (hrs)</b> <i>Rig up/ Pumping/ Rig Down</i>	<input type="text" value="5.0 hrs"/>	<b>DID WE RUN WIPER PLUGS?</b>	<input type="text" value="Top &amp; Bottom Plugs"/>
<b>HSE INCIDENT, ACCIDENT, INJURY:</b> <i>This should be recordable incidents only</i>	<input type="text" value="NO"/>	<b>WAS THIS A PLUG OR SQUEEZE JOB?</b>	<input type="text" value="Neither"/>
<b>WAS THE JOB DELIVERED CORRECTLY AS PERJOB DESIGN:</b> <i>This will be dictated by the customer</i>	<input type="text" value="YES"/>	<b>WAS THIS A PRIMARY OR REMEDIAL JOB?</b> <i>Remedial = Repeated attempts or corrections of initial cement job</i>	<input type="text" value="Primary"/>
<b>TOTAL TIME PUMPING (hrs)</b> <i>Total number of hours pumping fluid on this job</i>	<input type="text" value="1.0 hrs"/>	<b>MIXING DENSITY OF JOB STAYED IN DESIGNED RANGE</b> <i>Density defined as +/- 0.2ppg. Calculation: Total bbls cement mixed at designed density divided by total bbls of cement multiplied by 100</i>	<input type="text" value="70%"/>
<b>NON -PRODUCTIVE RIG TIME:</b> <i>As a result of Halliburton cementing PSL</i>	<input type="text" value="0.0 hrs"/>	<b>WAS AUTOMATED DENSITY CONTROL USED</b>	<input type="text" value="NO"/>
<b>NUMBER OF JSA'S PERFORMED:</b>	<input type="text" value="1"/>	<b>JOB WAS PUMPED AT DESIGNED PUMP RATE</b> <i>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</i>	<input type="text" value="70%"/>
<b>NUMBER OF UNPLANNED SHUTDOWNS (After starting to pump)</b>	<input type="text" value="0"/>	<b>NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - HES</b> <i>Number of remedial squeeze jobs required after primary job performed by HES</i>	<input type="text" value="0"/>
<b>TYPE OF RIG(CLASSIFICATION) JOB WAS PERFORMED ON:</b>	<input type="text" value="LAND"/>	<b>NUMBER OF REMEDIAL AQUEEZE JOBS REQUIRED - COMPETITION</b> <i>Number of remedial squeeze jobs required after primary job performed by competition</i>	<input type="text" value="0"/>
<b>REASON FOR UNPLANNED SHUTDOWNS (After starting to pump)</b> <i>Add details in job logs</i>		<b>NUMBER OF REMEDIAL PLUG JOBS REQUIRED - HES</b> <i>Number of remedial plug jobs required after primary plug pumped by HES</i>	<input type="text" value="0"/>
<b>REASON FOR NON-PRODUCTIVE RIG TIME (Cementing PSL responsibility):</b> <i>Add details in job logs</i>			

CUSTOMER	SALES ORDER No.	DATE
OEHL	0	3 December 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	
Cementing Casing	SURFACE CASING 7521		Perth	Hunt #3	

## CUSTOMER SATISFACTION SURVEY

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

<p><b>CUSTOMER SIGNATURE</b></p>
----------------------------------

CUSTOMER	SALES ORDER No.	DATE
OEHL	0	3 December 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
Cementing Casing		SURFACE CASING 7521		Perth	Hunt #3

PERSONELL					
PERSONNEL / EXPOSURE	hrs	PERSONNEL / EXPOSURE	hrs	PERSONNEL / EXPOSURE	hrs
#N/A Anthony Kelly	5	00460251 Sean Harrison	5		

EQUIPMENT					
SAP#	PUMPING / MIXING	HOURS	SAP#	BULK SUPPLY / TANKS	HOURS
#N/A	SKD-4 Cementing Skid - RCM Ile	5	#N/A	1410 Bulk Cement Equipment	5
SAP#	VEHICLES / TRAILERS	HOURS	SAP#	OTHER EQUIPMENT	HOURS
			#N/A	Cement Cutting Pod	5

FLOAT EQUIPMENT AND CASING EQUIPMENT					
SAP#	FLOAT EQUIPMENT	QTY	SAP#	PLUGS	QTY
#N/A	Non Halliburton Float Shoe	1	#N/A	Non Halliburton 9-5/8" Top Wiper Plug	1
#N/A	Non Halliburton Float Collar	1	#N/A	Non Halliburton 9-5/8" Bottom Wiper Plug	1
SAP#	CASING ATTACHMENTS	QTY	SAP#	OTHER	QTY
#N/A	Non Halliburton Centralizers	4			

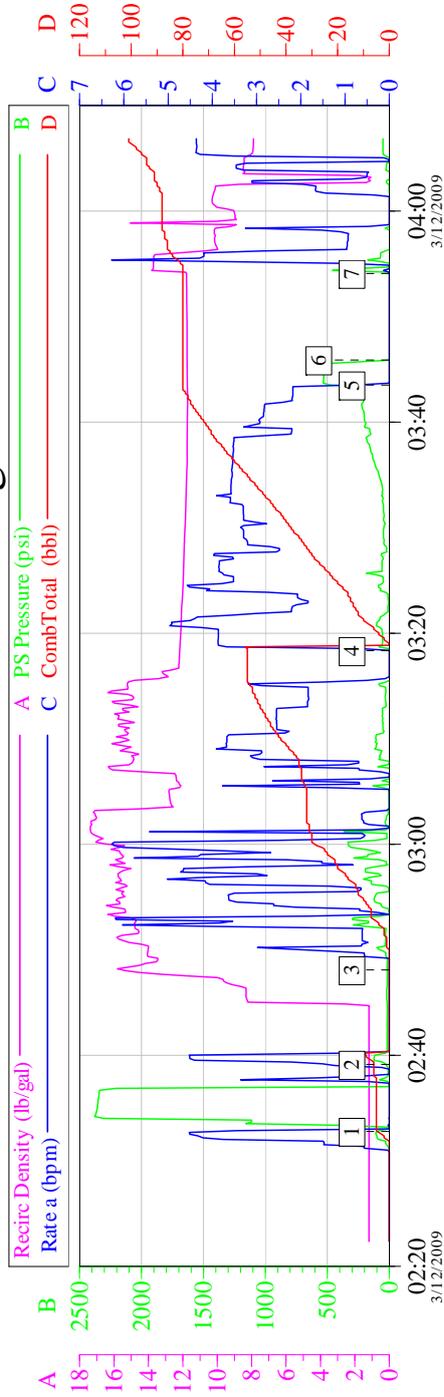
WELL PROFILE		
NEW CASING	OPEN HOLE + EXCESS OR CALIPER DATA	PREVIOUS CASINGS
Non Tapered Casing , , 24m shoe track		
9.625in 36ppf K-55 BTC : 0m to 338m MD, 338m TVD	12.25in, 25 percent excess, 0m to 340m	13.375in, 54.5ppf, 0m to 104m

CEMENT DESIGN					
Spacer			Single		
DENSITY	8.3ppg	WATER	0.00gal/sk	DENSITY	15.8ppg
YIELD	0.00cuft/ft	MIX FLUID	0.00gal/sk	YIELD	1.16cuft/ft
WATER SOURCE	Freshwater		WATER SOURCE	Freshwater	
CEMENT TYPE	at lb/sk		CEMENT TYPE	ABC Class 'G' at 94lb/sk	
Total Cement Used			Total Cement Used	270sks	
Estimated TOC			Estimated TOC	140m	
Additive	Concentration	Total Used	Additive	Concentration	Total Used
			NF-6	0.25 gal/10bbl	5gals

JOB LOGS						
DATE	TIME	VOLUME	PRESSURE (psi)		RATE	JOB DESCRIPTION
			HIGH	LOW		
DAY-MTH-YR	HRS:MIN	BBLS			BPM	REMARKS/DETAILS
3/12/2009	3:00					RIG UP UNIT TO RIG FLOOR / STANDBY
	5:00					PRE-JOB SAFETY MEETING
	5:15					ATTACH CEMENT HEAD TO TOP OF CASING
	5:35	5			4	PUMP 5 BBLS FRESHWATER AHEAD
	5:37	0	2500			PRESSURE TEST SURFACE LINES TO 2500 PSI
	5:42	5			4	PUMP 5 BBLS FRESHWATER SPACER
	5:45	0				DROP BOTTOM PLUG
	5:45	52			4	MIX AND PUMP SINGLE SLURRY
	6:05	0				DROP TOP PLUG
	6:05	5			3.5	PUMP 5 BBLS FRESHWATER
	6:07	80			3.5	DISPLACE WITH MUD
	6:30		500			BUMP PLUG AT 500 PSI
	6:30		500			HOLD PRESSURE FOR 10 MINS FOR CASING TEST
	6:40					BLEED OFF LINES
	6:40	0.5				CHECK FLOATS - OK
	6:42					WASH UP
	8:00					RIG DOWN / DISCONNECT CEMENT HEAD

END OF JOB LOGS

# 9-5/8" Surface 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: Westwood-1

Job Date: 03/12/2009  
UWI: Surface Casing

## **Appendix 2 - Landowner Acknowledgement of Satisfied Land Rehabilitation**



**OVERSEA ENERGY HOLDINGS**  
ACN:1422 934 361

**TIMOTHY W. FRANKLIN**  
Overseas Energy Holdings Ltd.  
7 / 41 York Street  
Launceston, TAS 7250  
Phone: (+61) 3 6333 0425  
Fax: (+61) 3 6333 0429

22 September 2010

Gary Mayes  
PO Box 60  
Carrick, TAS 7291

RE: Westwood Drilling Location Rehabilitation

Dear Mr. Mayes,

Overseas Energy Holdings Limited has completed the rehabilitation of the Westwood drilling location at Junction Farm. As we agreed, the location was only partially rehabilitated so that it may be used for industrial or agricultural operations.

Description of the civil work carried out is as follows.

- Earth moving and grading of the north and east location perimeter to match the land slope on these location sides.
- Replanting of natural grasses.
- Plug and abandon well as per MRT requirements
- Drain sump and dispose fluid and solid waste. Certificates of Disposal are enclosed.
- Fill, compact and grade sump and well cellar.

If the rehabilitation of the Westwood drilling location is to your satisfaction then please sign the acknowledgement below.

Respectfully yours,

Timothy W. Franklin  
Petroleum Engineering Manager  
Overseas Energy Holdings Limited  
Mobile: 0429 501 844  
Email: [twf.tnimmv@yahoo.com](mailto:twf.tnimmv@yahoo.com)

Acknowledgement of Westwood Drilling Location Rehabilitation

The Westwood drilling location has been rehabilitated to the satisfaction of the undersigned landowners.

\_\_\_\_\_  
Gary Mayes  
Landowner

\_\_\_\_\_  
Date

## **Appendix 3 - Westwood Fluids and Westwood Solids Certificates of Disposal**



# Certificate of Disposal

**Issued to: George Eustace**

**For collection, transport and disposal of:**

**500,000 It's Contaminated Water**

**From: Westwood Rd Carrick**

**Disposed of to:**

**Benlmond Water Gilmore st Launceston**

**Dated: 17/05/10 – 04/06/10**

**John Brennan**

**MANAGER - ENVIRONMENTAL SERVICES**

**Veolia Environmental Services (Australia) Pty Ltd**  
A.B.N. 20 051 316 584  
PO Box 431 Rosny 7018 TAS

**Waste Transport Business – Environment Protection Notice 7131/1**





TASMANIA

# Certificate of Disposal

**Issued to: George Eustace**

**For collection, transport and disposal of:**

**750m<sup>3</sup> of Low Level 1 Soil**

***From: Westwood Rd Carrick***

**Disposed of to:**

**1521 Illawraa Rd Westwood**

**Dated: 20/09/10**

A handwritten signature in black ink, appearing to be "John Brennan", with a horizontal line extending to the right.

**John Brennan**

**MANAGER - ENVIRONMENTAL SERVICES**

**Veolia Environmental Services (Australia) Pty Ltd**

**A.B.N. 20 051 316 584**

**PO Box 431 Rosny 7018 TAS**

**Waste Transport Business – Environment Protection Notice 7131/1**

