

Client Name Advantage Oil & Gas Ltd.	Well Name ADV HZ WEMBLEY	Rig Horizon Drilling Inc. 30	Job Date July 23,2017	Call Sheet 1074994
Client Representative Dean McKeague	Surface Well Location Surface (1-2-73-8W6)	Down Hole Well Location 12-25-72-8W6	Job Type Surface Casing	Lead Supervisor Delaney, Alex (27543)

Well Profile

Well Type:	Gas
Maximum Treating Pressure (MPa):	---
Predicted Bottom Hole Static Temperature (°C):	25.00 @ --
Bottom Hole Circulating Temperature (°C):	20.00 @ --
Bottom Hole Logged Temperature (°C):	--- @ --

Open Hole

Size (mm)	Excess (%)	TMD From (m)	TMD To (m)	TVD From (m)	TVD To (m)
311.200	--	0.000	600.000	--	--

Casing

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(mm)	(kg/m)		(MPa)	(MPa)	(m³)	(mm)	(mm)	(m)	(m)
219.100	35.720	J-55	9.000	20.000	19.930	205.660	244.480	0.000	600.000

Formations

Formation	Gradient	Depth From	Depth To	Lost	Over	
	(kPa/m)	(m)	(m)	Circulation	Pressurize	Remarks
Belloy	--	--	--	No	No	

Products

Stage 1

From Depth (m): 0
To Depth (m): 513
Acids/Blends/Fluids :
Preflush: 4 m3 of Visweep, Density = 1000 kg/m³
Lead 1: 102 t of 0:1:0 'G', Density = 1901 kg/m³, Volume Pumped = 79 (m³)
Water Temperature(°C) = 16 ,
Bulk Temperature(°C) = 18 ,
Slurry Temperature(°C) = 29.5
+ 2 % of CaCl2 (Preblend),
+ 0.15 % of CDF-6P
Displacement: 16.5 m3 of Fresh Water, Density = 1000 kg/m³

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (kg/m³)	Yield Point (mPa-s)	Temperature (°C)	Recorded@
Gel Chem	55.000	1,500.000	--	--	Jul 19, 2017 14:53

Attachment & Tools							
Down Hole Tools							
Tool Type	Depth (m)	Supplier					
Float Collar	497.780	Client					
Tubular Plugs							
Tubular Plug Type	Size (mm)	Supplier					
PDC Drillable Top	219.10	Sanjel					
Units & Personnel							
Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
446161	ROLLING STOCK TRAILER	Cement Bulk Transpor	746161	ROLLING STOCK TRACTOR	Tandem - Tractor	07/23/2017 02:15	07/23/2017 08:45
446072	ROLLING STOCK TRAILER	Cement Bulk Transpor	746072	ROLLING STOCK TRACTOR	Tandem - Tractor	07/23/2017 02:15	07/23/2017 08:45
445074	ROLLING STOCK TRAILER	SCM Twin	745074	ROLLING STOCK TRACTOR	Tandem - Tractor	07/23/2017 02:15	07/23/2017 08:45
201315	LIGHT DUTY VEHICLES	3/4 Ton				07/23/2017 02:15	07/23/2017 08:45
Crew and Bonuses							
Employee	Start Shift	End Shift				Second Start Shift	Second End Shift
Pickett, Travis	07/23/2017 02:15	07/23/2017 08:55					
Oatway, Peter (22308)	07/23/2017 02:15	07/23/2017 08:55					
Prevost, Shayne	07/23/2017 02:15	07/23/2017 08:55					
Tait, James	07/23/2017 02:15	07/23/2017 08:55					
Darling, Zac	07/23/2017 02:15	07/23/2017 08:55					
Delaney, Alex (27543)	07/23/2017 02:15	07/23/2017 08:55					
Third Party Units							
Equipment #	Supplier Company Name	Description				Time On Location	Time Off Location
PINE TREE	Evolve	32T of surface into bin 2036					
ROOT BEER	Evolve	32T of surface into bin 1964					
Storage Equipment							
Equipment #	Equipment Type	Hauling Time (HH:MM)				Time On Location	Time Off Location
1964	Bulk Bin	--:--				07/23/2017 08:19	07/23/2017 08:19
2036	Bulk Bin	--:--				07/23/2017 08:19	07/23/2017 08:19

Treatment Reports & Remarks

Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (m³/min)	Tubular Pressure (MPa)	Annular Pressure (MPa)	Stage Volume (m³)	Total Volume (m³)
1	Jul 23,2017 02:15	Arrive On Location		--	--	--	--	0.000
2	Jul 23,2017 02:18	Crew Briefing (Rig in)		--	--	--	--	0.000
3	Jul 23,2017 03:20	Rig in Complete		--	--	--	--	0.000
4	Jul 23,2017 03:30	Crew Briefing (Pre Job)		--	--	--	--	0.000
5	Jul 23,2017 04:00	Establish Circulation	Visweep	0.500	1.500	--	1.000	0.000
6	Jul 23,2017 04:01	Pressure Test Start		--	16.000	--	--	0.000
7	Jul 23,2017 04:06	Pressure Test Complete		--	--	--	--	0.000
Remarks: Pressure test passed.								
8	Jul 23,2017 04:07	Pump Preflush	Visweep	0.800	1.500	--	3.000	3.000
9	Jul 23,2017 04:16	Mix Cement	0:1:0 'G'	0.800	1.000	--	79.000	82.000
Remarks: Shut down to fix mixing issue at 4:55 for 20 minutes. Rates varied due to changing bulk source.								
10	Jul 23,2017 07:17	Drop Plug	Fresh Water	--	--	--	--	82.000
Remarks: Pumping stopped for return management. Pumped displacement and slowed for last 1m3.								
11	Jul 23,2017 07:18	Pump Displacement	Fresh Water	1.000	8.000	--	16.500	98.500
12	Jul 23,2017 07:40	Bump Plug	Fresh Water	0.500	11.500	--	--	98.500
Remarks: Bumped plug 3500KPa OCP.								
13	Jul 23,2017 07:43	Check Float		--	--	--	--	98.500
Remarks: Float held.								
14	Jul 23,2017 07:44	Pressure Test		--	1.400	--	--	98.500
Remarks: Low casing pressure test.								
15	Jul 23,2017 07:56	Pressure Test		--	7.000	--	--	98.500
Remarks: High casing pressure test.								
16	Jul 23,2017 08:10	Rig Out		--	--	--	--	98.500
17	Jul 23,2017 08:45	Job Complete		--	--	--	--	98.500
18	Jul 23,2017 08:50	Pre-Departure Meeting		--	--	--	--	98.500
19	Jul 23,2017 08:55	Leave Location		--	--	--	--	98.500

Did Float Hold: Yes

Fluid Returns : Yes

Type : Cement

Volume (m³) : 10

Temperature (°C) : 19

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

176075

178652

178653

176752

Print Date: August 02, 2017

Service Report: 446633

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V6.3.1.0