

Essential Petroleum Resources Limited	CASING AND CEMENTING REPORT					FORM CAC-01	
	Well Name: KILLARNEY EPRL-1						
Casing type: <input checked="" type="checkbox"/> Surface casing <input type="checkbox"/> Intermediate Casing <input type="checkbox"/> Production Casing <input type="checkbox"/> Completion tubing							
Originated by: V. Ozolins			Checked by:			Date: 11/06/2004	
Hole Size: 12.25		T.D.: 258m		Date: 11/06/2004		Contractor: Halliburton	
PRE-FLUSH bbls. @ ppg.				SPACER 20 bbls@ 8.33 ppg.			
Additives:							
CEMENT				ADDITIVES			
LEAD SLURRY:				Product		% Amount	
Slurry Yield:						%BWOC 0 lbs	
Mixwater Req't:						%BWOC 0 lbs	
Actual Slurry Pumped:						gal/sx 0 gal	
TAIL SLURRY:				Calcium Chloride		1 % BWOC 320 lbs	
Slurry Yield:						% BWOC 0 lbs	
Mixwater Req't:						% BWOC 0 lbs	
Actual Slurry Pumped:				NF-6		0.03 gal/bbl 2 gal	
DISPLACEMENT				Fluid: Water @ 8.33 ppg			
Theoretical Displ.:				Bumped plug with		460 psi	
Actual Displ.:				Pressure Tested to:		1500 psi	
Displaced via				Bleed back:		0.5 bbls	
ACTIVITY		Time		Returns to Surface: all bbls mud (no losses) 15.5 bbls cmt.			
Start Running csg. 10-Jun		22:00		Reciprocate / Rotate Casing: Only during circulation - then chained down casing to avoid floating			
Casing on Bottom 11-Jun		2:00		Top Up Job run: Yes / No Initially n 5 sx class A'			
Start Circulation 11-Jun		2:15		Plug Set Make / Type: Halliburton			
Start Pressure test 11-Jun		3:40		Centraliser Placement, type/dth 252m, 237m, 225m, 213m.			
Pump Preflush 11-Jun		3:40					
Start Mixing 11-Jun		4:05		Remarks: Good returns throughout job - Geoservices ran Carbide while circulating casing and			
Finish Mixing 11-Jun		4:22		estimated that hole was 38% over gauge, so cement excess was increased from 30%			
Start Displacing 11-Jun		4:26		to 50%. Based on cement returns, hole was actually 27% over gauge.			
Stop Displ./Bump 11-Jun		4:40					
Press. test 11-Jun		4:42					
No. JOINTS	SIZE OD	WT lb/ft	GRADE	THREAD	MTS	FROM	TO
	Stick Up (Enter as negative number)				-1.53	-1.53	0.00
	Rotary - Top of Bradenhead				3.90	0.00	3.90
1	Bradenhead, Screw-in type c/w 8rd x BTC PxP pup, Wood Group Pressure Control				0.60	3.90	4.50
1	Casing, 9-5/8 36ppf K55 BTC R3 Casing				12.04	4.50	16.54
19	Casing, 9-5/8 40ppf K55 BTC R3 Casing				226.72	16.54	243.26
1	Float Collar, BTC, Halliburton PDC drillable				0.34	243.26	243.60
1	Casing, 9-5/8 40ppf K55 BTC R3 Casing				11.80	243.60	255.40
1	Float Shoe, BTC, Halliburton PDC drillable				0.43	255.40	255.83
Theoretical Buoyed wt of casing (klb):				28.8 Klbs	Bradenhead Height above GL 0.00 m		
Actual wt of casing (last joint run-block wt, klb)				28.8 Klbs	Casing wt just prior to landing csg/ 8 Klbs		
Landing WT (after cementing and pressure bleed off)				8 Klbs	setting slips		