

# SAGASCO Resources Ltd

## CASING AND CEMENTING RECORD

Well Name: King 1 Permit: T/18P  
 Job Type: Abandonment Plug 3 Rig Name: Ocean Epoch

**CASING DETAILS :**

Jts	Size	Weight	Grade	Range	Connection	Burst	Collapse

Note: All measurements RKB; give depth of float collar and float shoe.

Description	Length	Bottom	Top
<b>Total :</b>	0.00		

Centralisers: Number:   
 Location:

**Cementing Data**

Mud Type : FW/PHPA  
 Mud Wt (ppg): 9.5 VIS/PV/YP : 60/- Gels (10s/10m): WL (ml) :  
 Bit Size (in): 8.5/12.25 Total Depth:(m) 1281 (PB) Ave. Hole Dia." 12.25 Based on : Bit/Logs  
 Last Casing : Size / Weight : 9.625/47 ins / ppf Set at : (m) 1237 Excess (%) : -  
 Cement Fill : Lead Slurry : From : (m) - To : (m) - RT to GL : (m) -  
 Tail Slurry : From : (m) 1267 To : (m) 1207 RT to ML : (m) 94.48  
 Hole Volume: Open Hole-cuft: 80 Cased Hole-cuft: 40 Total : 120 cuft.  
 Slurry Volume: Lead Slurry-cuft: 0 Tail Slurry - cuft : 119.6 Total : 119.6 cuft.  
 Mud Flush : 6 Bbl.] [ Type: SW  
 Lead Slurry : Cement: 0 Sacks] [Class: Slurry Density : ppg  
 Additives:  
 Mix Water: gal/sack FW or SW ? Slurry Yield : cuft/sack  
 Tail Slurry: Cement : 104 Sacks] [Class: G Slurry Density : 15.8 ppg  
 Additives :  
 Mix Water : 5.00 gal/sack FW or SW ? FW Slurry Yield : 1.15 cuft/sack  
**Displacement**  
 Cement Unit : Fluid 1 Type: SW Pumped: 0.5 Bbl. actual 0.5 Bbl. calculated  
 Fluid 2 Type: Mud Pumped: 67 Bbl. actual 67 Bbl. calculated  
 Mud Pump: Fluid 1 Type: Pumped: Bbl. actual { Bbl. calculated  
 Fluid 2 Type: Pumped: Bbl. actual { Bbl. calculated  
 Plugs Used: Top - (Y/N) N Type : Make:  
 Bottom-(Y/N) N Type: Make:  
 Returns during job. (Y/N) Y Comment:

TIME Hr:min	Pressure psi	Rate BPM	Description/Comment
8:05	250	4	Pump 6 bbl SW ahead
8:09	2000		Pressure test lines
8:15	150-400	3-6	Mix & pump cement
8:21	100	4	Pump 0.5 bbl SW behind
8:22	250-700	6	Displace with mud
8:33			Stop pumping.POOH with cementing string.

Remarks: Use 5"DP with 12 jts 2 3/8" tubing cementing string.  
 Pressure test plug #3 and casing to 3000 psi

Cementing Service Company: Halliburton Cementer: P. Watson  
 SAGASCO Representative: S. Irvine/A. Chapman Date: 22-Nov-92