

SAGASCO Resources Ltd**CASING AND CEMENTING RECORD**

Well Name: Flinders 1 Permit: T/25P
 Job Type: 13 - 3/8" Casing Rig Name: Ocean Epoch

CASING DETAILS :

Jts	Size	Weight	Grade	Range	Connection	Burst	Collapse
26	13 - 3/8"	68	K55	3	Buttress	3450	1950
1	13-3/8"x20"	68/94	4130		**		
1	20"x18-3/4"						

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

Description	Length	Bottom	Top
13-3/8" Float Shoe (Weatherford)	0.56	403.00	402.44
13-3/8" Casing x 2 jts	23.39	402.44	379.05
13-3/8" Float Collar (Weatherford)	0.60	379.05	378.45
13-3/8" Casing x 24 jts	281.78	378.45	96.67
X-O jt (13-3/8" Buttress x 20" ALT)**	3.15	96.67	93.52
18-3/4" Housing (Vetco-SG5)	3.52	93.52	92.62
18-3/4" Housing (Stick up)	0.90	92.62	89.10
RT to top of 18-3/4" Housing.	89.10	89.10	RT
Total :	403.00		

Centralisers: Number: 4
 Location: 1 @4m above shoe, 1ea on first 3 casing collars

Cementing Data

Mud Type : SW/Bentonite/Polymer
 Mud Wt (ppg): 8.6 VIS/PV/YP : --- Gels (10s/10m): -- WL (ml) : -
 Bit Size (in): 17.5" Total Depth:(m) 408 Ave. Hole Dia." 17.5" Based on : Bit size
 Last Casing : Size / Weight : 30"/310 ins / ppf Set at : (m) 124.53 Excess (%) : 100
 Cement Fill : Lead Slurry : From : (m) 303 To : (m) 91.55 RT to GL : (m) n/a
 Tail Slurry : From : (m) 403 To : (m) 303 RT to ML : (m) 91.55
 Hole Volume: Open Hole-cuft 1428 Cased Hole-cuft 437 Total - cuft: 1865
 Slurry Volume: Lead - cuft: 1312 Tail - cuft : 573 Total - cuft: 1885
 Mud Flush : 40 Bbl .] [Type: SW
 Lead Slurry : Cement: 733 Sacks] [Class: G Slurry Density : 13.2 ppg
 Additives: 2.2 % Prehydrated Bentonite
 Mix Water: 9.72 gal/sack FW or SW ? FW Slurry Yield : 1.79 cuft/sack
 Tail Slurry: Cement : 498 Sacks] [Class: G Slurry Density : 15.8 ppg
 Additives :
 Mix Water : 5.00 gal/sack FW or SW ? SW Slurry Yield : 1.15 cuft/sack
 Displacement
 Cement Unit : Fluid 1 Type: SW Pumped: 10 Bbl. actual 10 Bbl. calculated
 Fluid 2 Type: Pumped: Bbl. actual Bbl. calculated
 Mud Pump: Fluid 1 Type: SW Pumped: 136 Bbl. actual 132 Bbl. calculated
 Fluid 2 Type: Pumped: Bbl. actual Bbl. calculated
 Plugs Used: Top - (Y/N) Y Type : SS Make: Halliburton
 Bottom-(Y/N) N Type: Make:
 Returns during job. (Y/N) Y Comment: Observe w/ ROV - Poor visibility, difficult to see returns.

TIME Hr:min	Pressure psi	Rate BPM	Description/Comment
30-Nov-92			
23:46	3000		Test cementing lines.
23:52			Pump mud Flush.
1-Dec-92			
0:04	350-500	8-10	Mix & pump Lead Slurry.
0:28	350-500	3-7	Mix & pump Tail Slurry.
0:54	1350		Drop dart & shear top plug
0:55	350	10	Pump 10 bbl SW behind cement
	500	10-12	Displace cement
1:10	1500		Bump plug - Cement in place - Hold 5 min. Bleed off - No flow back. Back out & retrieve running tool.

Remarks: Cement to surface.

Cementing Service Company: Halliburton Cementer: P. Burr
 SAGASCO Representative: J. Lambert Date: 1-Dec-92