

SAGASCO Resources Ltd

CASING AND CEMENTING RECORD

Well Name: Flinders 1 Permit: T/25P
 Job Type: 9-5/8" Casing Rig Name: Ocean Epoch

CASING DETAILS :

Jts	Size	Weight	Grade	Range	Connection	Burst	Collapse
119	9.625	47 ppf	N80	3	New Vamm	6800 psi	4750 psi
1	9.625	47 ppf	N80	pup jt	New Vamm	6800 psi	4750 psi

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

Description	Length	Bottom	Top
9-5/8" Float Shoe (Weatherford)	0.45	1519.98	1519.53
9-5/8" Casing x 2 jts.	23.99	1519.53	1495.54
9-5/8" Float Collar (Weatherford)	0.43	1495.54	1495.11
9-5/8" Casing x 117 jts.	1401.64	1495.11	93.47
9-5/8" Casing Hanger & Pup jt.	2.90	93.47	90.57
Hang off point to top of 18-3/4" Housing.	1.47	90.57	89.10
RT to top of 18-3/4" Housing.	89.10	89.10	RT
Total:	1519.98		

Centralisers: Number: Total = 9
 Location: 1 ea on first 3 jts with stop rings. 1 ea on first 6 casing collars.

Cementing Data

Mud Type : SW/Bentonite/Polymer
 Mud Wt: 9.9 VIS/PV/YP: 45/8/18 Gels 10s/10m: 9/17 WL ml : 9.6
 Bit Size: 12.25" Total Depth:(m) 1525 Ave Hole Dia." 13.25" Based on : Logs
 Last Casing : Size / Weight : 13-3/8" / 68 ins / ppf Set at : (m) 403 Excess (%) : 10
 Cement Fill : Lead Slurry : From : (m) 1370 To : (m) 303 RT to GL : (m) n/a
 Tail Slurry : From : (m) 1520 To : (m) 1370 RT to ML : (m) 91.55
 Hole Volume: Open Hole-cuft 1775 Cased Hole - cuft 144 Total - cuft: 1919
 Slurry Volume Lead - cuft: 1661 Tail - cuft : 276 Total - cuft : 1937
 Mud Flush : 40 Bbl .] [Type: SW
 Lead Slurry : Cement: 928 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 : 240 Sacks] [Class G Slurry Density : 15.8 ppg
 Additives : SCR-100L 4 gal/10bbl mix water
 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: Mud Pumped: 333 Bbl. actual 330 Bbl. calculated
 Fluid 2 Type Pumped: Bbl. actual
 Plugs Used: Top - (Y/N) Y Type : SS Make: Halliburton
 Bottom(Y/N) Y Type: SS Make: Halliburton
 Returns during job. (Y/N) Y Comment:

TIME Hr:min	Pressure psi	Rate BPM	Description/Comment
0:35	3000		Test lines
0:37	500	9	Pump Mud Flush
0:43	1200		Drop ball & shear top plug
0:54	250-700	8-10	Mix & pump Lead Slurry
1:37	200-500	3-6	Mix & Pump Tail Slurry
1:55	2500		Drop dart & shear bottom plug
2:00	350	7	Pump flush behind cement
2:03	500	9	Displace cement
2:30	2000		Bump plug / cement in place
			Bleed back - float holding

Remarks:

Cementing Service Co: Halliburton Cementer: P.Burr
 SAGASCO Rep: J.Lambert Date: 8-Dec-92