

Well PELICAN NO 5	Area OFFSHORE BASS STRAIT	Field W/C - T22P
Rig DIAMOND M EPOCH	Casing Size (9 5/8 ")	Date 28-1-86

Cement Data

Job Type (Check one) <input checked="" type="checkbox"/> (1) Single Stage <input type="checkbox"/> (1) and (2) Two Stage	Well Depth 9850	Bit Size 12.26	Mud Weight (Prior to cementing)	
			In 9.9 PPG	Out 9.9 PPG

Cement Interval	From	To	Total	Remarks
	1.	7700	5250	2450'
2.	9824	7700	2124'	9 5/8" CSA 9824'

Cement Type	Sacks	Yield (Cu. Ft./Sck)	Slurry Volume (Cu. Ft.)	Lbs./Gal.	Additives and amount (Pre blend)
1 Lead G	450	1.94	873	12.8	
1 Tail G	500	1.56	780	15.8	35% Silica Flour SSA-1
2 Lead					
2 Tail					

Mixed Water Used: Type	Amount	Additives and amount (Pre mixed in water)
1 Lead Fr. Drillwater	115 bbl	2.5% GEL, 0.5% CFR-2, 0.2% HR 12 04:30 Pmptini
1 Tail Fr. Drillwater	78 bbl	0.75% CFR-2, 0.5% HR-12
2 Lead		
2 Tail		

(a) Total Slurry Volume (cu. ft.)		(b) Gauge Hole Volume (cu. ft.)		(c) Caliper Volume (cu. ft.)		Average Hole Size		% Excess	
1	2	1	2	1	2	1	2	1	2
1653				1653		12.53/CSG	12.53	0	

Note: % Excess is calculated on basis of (a-b) ÷ b with no caliper survey or by (a-c) ÷ c with caliper survey (within the cement interval)

No. of Bbl's to Displace Plug <input checked="" type="checkbox"/> Rig Pump or <input type="checkbox"/> CMT Unit	Calculated		Actual	
	1	2	1	2
	691 Bbl		679 Bbl	

*** Casing Data**

Last Casing Set (measured from RKB) 5742	Size 13 3/8 "	Weight 72#	Grade N-80
Final Casing String - Top to Bottom (RKB to top of CSG string 325.45)			

Joints	Description	Length	Set @ RKB
1	9 5/8" x 18 3/4" Hanger	18.28	343.73
217	9 5/8 53.50 N-80 BT x C	8510.33	8854.06
1	9 5/8" 53.50 N-80 BT x C (Pup)	14.34	8868.40
8	(")	311.49	9179.89
1	(") (Pup)	10.29	9190.18
14	(")	553.15	9743.33
1	Weatherford Float Collar	1.45	9744.78
2	9 5/8 53.50 # N-80 BT x C	77.46	9822.24
1	Weatherford Float Shoe	1.90	9824.14

Total Joints in string 244 CSG/246 CSG @ Tools Total Joint length 9495.34

Centralizers: Quantity 0	Make	Type
Total Section Covered	Spacing	

NOTE: R/A Tags placed @ 8854, 8868, 9130, 9190 and 8735'
Used Full Bore Running Tool & 9-5/8" Landing String
Overall Job Remarks:
CSG job went smoothly 9824' (10.5 Hours). Cement job good. Plugs bumped. P prior to plug Bmp 2400 psi.
Calculated - 1600 psi, therefore CMT top significantly higher than 5250' anticipated.

Operational Times	
Start CSG in @	1800 Hrs. 27 - 85
Running CSG	10 Hrs. 30 Min's.
Circulating 1	2 Hrs. 30 Min's.
2	Hrs. Min's.
Mixing CMT 1	1 Hrs. 30 Min's.
2	Hrs. Min's.
Displacing 1	1 Hrs. 30 Min's.
2	Hrs. Min's.
Plug Bumped @	1000 HRS 28-1-85
w/1	2500 Psi
w/2	Psi
Total Time	16 Hrs. Overall Min's.
Surveys Run	CBL Temp. None X
Top of CMT @	CALCS - 5250'
Based upon	
Toolpusher	Alexander/Jordan
Cementer	Paul Unwin/John Middieton
Co. Rep	J. E. Guillory

*Casing measurements in feet
 meters

Company Representative
J E Guillory/ T L Mosness