

**Casing - Cementing Report**  
Form 20 (6-79)

23

Company  
AMOCO AUSTRALIA PETROLEUM

Attach Form 10

Well KOORKAH NO 1	Area BASS STRAIT	Field TASMANIA
Rig DIAMOND M EPOCH	Casing Size ( 20 ")	Date 30 NOVEMBER, 1985

Cement Data				
Job Type (Check one) <input checked="" type="checkbox"/> (1) Single Stage <input type="checkbox"/> (1) and (2) Two Stage	Well Depth 1360'	Bit Size 26"	Mud Weight (Prior to cementing)	
			In Seawater	Out Seawater

Cement Interval	From	To	Total	Remarks
	1.	1319'	288'	1031'
2.				

Cement Type	Sacks	Yield (Cu. Ft./Sck)	Slurry Volume (Cu. Ft.)	Lbs./Gal.	Additives and amount (Pre blend)
1 Lead Class 'G'	1500	1.94	2910	12.8	
1 Tail Class 'G'	500	1.15	575	15.8	
2 Lead					
2 Tail					

Mixed Water Used: Type		Amount	Additives and amount (Pre mixed in water)
1 Lead	Drillwater	386 BBLs	2.5% BWOC Gel
1 Tail	Seawater	59.5 BBLs	
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
3485		1735						101	

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 type="checkbox"/> Rig Pump or <input checked="" type="checkbox"/> CMT Unit	Calculated		Actual	
	1	30.4 BBLs	1	30.4 BBLs
2		2		

Casing Data			
Last Casing Set (measured from RKB) 624'	Size 30 "	Weight 1" Wall	Grade B
Final Casing String - Top to Bottom (RKB to top of CSG string 286')			

Joints	Description	Length	Set @ RKB
1	18 3/4" Cameron WS-1 W.H.	47.60	333.60
1	X/O 20" Grade (B) S-60 x NS-60 Pin	900.61	1234.21
23	20" Grade (B)	41.40	1275.61
1	20" Shoe Jt	43.45	1319.06

Total Joints in string 26	Total Joint length ( 1023.06 )
Constrainers: Quantity None	Make Type
Total Section Covered	Spacing

Overall Job Remarks:  
Good job, Cement line to Howco unit clogged  
up which shut down job for 10 mins

Operational Times	
Start CSG in @	2000 Hrs.
Running CSG	6 Hrs. 30 Min's.
Circulating 1	0 Hrs. 30 Min's.
2	Hrs. Min's.
Mixing CMT 1	1 Hrs. 55 Min's.
2	Hrs. Min's.
Displacing 1	0 Hrs. 5 Min's.
2	Hrs. Min's.
Plug Bumped @	N/A
w/1	Psi
w/2	Psi
Total Time	9 Hrs. 0 Min's.
Surveys Run	
CBL	Temp. None
Top of CMT @	Seabed
Based upon	Observation w/ ROV
Toolpusher	C. Jenkins
Cementer	P. Unwin
Co. Rep.	J. G. Guillory

\*Casing measurements in  feet  
 meters

Company Representative  
J. E. Guillory/J. C. Rankin