

APPENDIX X: CASING AND COMPLETION SUMMARY

Santos

SANTOS CASING AND CEMENTING REPORT

WELL: East Mereenie 36

DATE: 19 May, 95

ELEVATIONS: KB: 732
GL: 726

T.D: 1653
P.BTD: 1639.96

CASING BOWL SIZE: 13 5/8" 3000
STRING TYPE: Production

SERIES: 3000 #

CASING AND EQUIPMENT RECORD AS RUN FROM BOTTOM TO TOP

SIZE OD.	WEIGHT lb/ft	GRADE	No. of JOINTS	THREAD	LENGTH	FROM	TO	REMARKS
5.5	17	L80	Float shoe	8 round	0.39	1652.50	1652.11	
5.5	17	L80	1	8 round	11.87	1652.11	1640.24	
5.5	17	L80	Float collar	8 round	0.28	1640.24	1639.96	
5.5	17	L80	137	8 round	1641.28	1639.96	-1.32	

TALLY TOTAL 1653.82

CASING LANDED AT :- 1652.50 m
KB TO TOP OF BRADEN HEAD :- 6.12 m

CENTRALIZERS LOCATED AT - KB.						SCRATCHERS LOCATED AT - KB.		
1646	1640	1633	1621	1591	1885	centralizers continued:	1460	1437, 1427
1580	1572	1567	1562	1550	1544	1413, 1400	1388, 1376	1364, 1340
1538	1532	1528	1520	1508	1484	1305	1268	1232

PREFLUSH

Volume: 20 Density: 8.5 Additives: Sapp @ 5 kgs/ bbl

CEMENT

Brand:	Class:	No. sx:	Additives	%	Amount Used
AB	G	700	Halad 322	1	20 sx
Mixwater: 83.3	Excess: 0%	Density: 15.8 ppg			in mix water

DISPLACEMENT

Fluid: water Calc. Displacement: 125.1 bbls Plug Bump: 1500 psi
Density: 8.3 ppg Actual Displacement: 125.1 bbls Bleed Back: 1 bbl

TIME:-	STARTED IN HOLE:	1300 HR.	CASING RECIPROCATED DURING
	FINISHED RUNNING CASING:	2200 HR.	CEMENTING: yes
	START CIRCULATING:	2217 HR.	DISPLACING: no
	STOP CIRCULATING:	2317 HR.	
	START CEMENTING:	0003 HR.	WIPER PLUGS
	FINISH CEMENTING:	0030 HR.	TOP: yes
	START DISPLACEMENT:	0036 HR.	BOTTOM: yes
	FINISH DISPLACEMENT:	0057 HR.	

CEMENT JOB DETAILS/REMARKS:-

Pump 15 bbls of Sapp preflush Conduct safety meeting
Test surface lines to 2500 psi
Pump 5 bbls of Sapp preflush
Cement with 700 sx of class G with 1% Halad 322
Displace with 125.1 bbls of water and bump the plug to 1500 psi. Refer to HOWCO chart.
Job went well

Drilling Supervisor: B Grinke
Drilling Engineer :

Santos

SANTOS CASING AND CEMENTING REPORT

WELL: East Mereenie 36

DATE: 30/04/95

ELEVATIONS: KB: 732
GL: 726

T.D: 714
P.B.T.D: 699.5

CASING BOWL SIZE: 13 5/8" 3000
STRING TYPE: 10 3/4" Surface

SERIES: 3000

CASING AND EQUIPMENT RECORD AS RUN FROM BOTTOM TO TOP

SIZE OD.	WEIGHT lb/ft	GRADE	No. of JOINTS	THREAD	LENGTH	FROM	TO	REMARKS
10.75	40.5	H40	float shoe	8 round	0.41	711.60	712.01	
10.75	40.5	H40	1	8 round	11.83	699.77	711.60	
10.75	40.5	H40	float collar	8 round	0.27	699.50	699.77	
10.75	40.5	H40	59	8 round	692.54	6.96	699.50	
10.75	40.5	H40	landing jnt	8 round	7.96	-1.00	6.96	1.40 stick up from R/Table

TALLY TOTAL 713.01

CASING LANDED AT :- 712.01 m
KB TO TOP OF BRADEN HEAD :- 6.13 m

CENTRALIZERS LOCATED AT - KB.

702 676 653 630 618 606

SCRATCHERS LOCATED AT - KB.

PREFLUSH

Volume: 10 Density: 8.3 Additives: nil

CEMENT

Brand: Adelaide	Class: A	No. sx: 300	Additives: nil	%: 0	Amount Used: 0
Mixwater: 37.1 bbls	Excess: 0%	Density: 15.6 ppg			

DISPLACEMENT

Fluid: water	Calc. Displacement: 225.7 bbls	Plug Bump: FDP + 400 psi
Density: 8.3 ppg	Actual Displacement: 229.5 indicated	Bleed Back: 1.5 bbls

TIME:-

STARTED IN HOLE:	23:30 HR.	CASING RECIPROCATED DURING CEMENTING: no DISPLACING: no
FINISHED RUNNING CASING:	08:30 HR.	
START CIRCULATING:	07:10 HR.	
STOP CIRCULATING:	07:36 HR.	
START CEMENTING:	07:40 HR.	WIPER PLUGS TOP: yes BOTTOM: no
FINISH CEMENTING:	08:09 HR.	
START DISPLACEMENT:	08:11 HR.	
FINISH DISPLACEMENT:	08:44 HR.	

CEMENT JOB DETAILS/REMARKS:-

Pump 8 bbls water; test surface lines to 2,500 psi; pump 2 bbls water.
Mix & pump 300 sx class A; 37.1 bbls mix water => 63.2 bbls slurry; release top plug.
Displace with 225.7 bbls water; bump plug to 410 psi (FDP) + 400 psi; bleed pressure; plug held.
Conduct top up cementing operation. Calculated cement requirement 41 sx. Used 141 sx.
Basket partially holding on top up operation.

Drilling Supervisor: B Glinke
Drilling Engineer: A (Siv) Sivalingam