

APPENDIX VIII: CASING AND COMPLETION SUMMARY

Santos

SANTOS CASING AND CEMENTING REPORT

WELL: East Mereenie 37

DATE: 06/06/95

ELEVATIONS: KB: 731.1
GL: 725

T.D: 692
P.BTD: 680.22

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	0.40	690.38	690.78	
10.75	40.5	H40	1	8 round	9.90	680.48	690.38	
10.75	40.5	H40	float collar	8 round	0.26	680.22	680.48	
10.75	40.5	H40	59	8 round	673.30	6.92	680.22	
10.75	40.5	H40	landing jnt	8 round	7.96	-1.04	6.92	1.44 stick up from R/Table

TALLY TOTAL 691.82

CASING LANDED AT :- 690.78 m

KB TO TOP OF BRADEN HEAD :- 6.12 m

CENTRALIZERS LOCATED AT - KB.

686 657 634 611 600 589

SCRATCHERS LOCATED AT - KB.

PREFLUSH

Volume: 10 Density: 8.3 Additives: nil

CEMENT

Brand: Adelaide	Class: A	No. sx: 306	Additives	%	Amount Used
Mixwater: 37.9	Excess: 0%	Density: 15.6 ppg	nil	0	0

DISPLACEMENT

Fluid: water	Calc. Displacement: 219.4	Plug Bump: FDP + 500 psi
Density: 8.3 ppg	Actual Displacement: 224	Bleed Back: 1.5 bbls

TIME:-

STARTED IN HOLE:	16:00 HR.	CASING RECIPROCATED DURING CEMENTING: no DISPLACING: no
FINISHED RUNNING CASING:	22:00 HR.	
START CIRCULATING:	22:24 HR.	
STOP CIRCULATING:	22:50 HR.	
START CEMENTING:	23:16 HR.	WIPER PLUGS TOP: yes BOTTOM: no
FINISH CEMENTING:	23:28 HR.	
START DISPLACEMENT:	23:32 HR.	
FINISH DISPLACEMENT:	24:00 HR.	

CEMENT JOB DETAILS/REMARKS:-

Pump 8 bbls water; test surface lines to 2,500 psi; pump 2 bbls water.
Mix & pump 306 sx class A; 37.9 bbls mix water => 64.3 bbls slurry; release top plug.
Displace with 219.4 bbls water; bump plug to 410 psi (FDP) + 500 psi; bleed pressure; float held.
Conduct top up cementing operation. Calculated cement requirement 26 sx. Used 56 sx.
Basket held.

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

Santos

SANTOS CASING AND CEMENTING REPORT

WELL: East Meroenie 37

DATE: 21 June, 95

ELEVATIONS: KB: 731.1
GL: 725

T.D: 1600
P.B.T.D: 1579.46

CASING BOWL SIZE: 13 5/8" 3000
STRING TYPE: 5 1/2" 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	1592.70	1592.31	
5.5	17	L80	1	8 round	11.97	1592.31	1580.34	
5.5	17	L80	Float collar	8 round	0.38	1580.34	1579.96	
5.5	17	L80	132	8 round	1580.96	1579.96	-1.00	Stick 1 m RKB

TALLY TOTAL 1593.70

CASING LANDED AT :- 1592.70 m

KB TO TOP OF BRADEN HEAD :- 6.12 m

CENTRALIZERS LOCATED AT - KB.

CENTRALISERS LOCATED AT - KB.

1586	1580	1568	1556	1544	1532	1281	1257	1233
1520	1508	1496	1485	1472	1449	1210	1186	1162
1425	1401	1377	1353	1329	1305	1086	1042	1018

PREFLUSH

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

CEMENT

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

DISPLACEMENT

Fluid: water Calc. Displacement: 120.5 Plug Bump: 1700 psi
Density: 8.3 ppg Actual Displacement: 120.5 Bleed Back: 1 bbl

TIME:-

STARTED IN HOLE:	0000 HR.	CASING RECIPROCATED DURING
FINISHED RUNNING CASING:	0830 HR.	CEMENTING: yes
START CIRCULATING:	0850 HR.	DISPLACING: no
STOP CIRCULATING:	0954 HR.	
START CEMENTING:	1021 HR.	WIPER PLUGS
FINISH CEMENTING:	1052 HR.	TOP: yes
START DISPLACEMENT:	1057 HR.	BOTTOM: yes
FINISH DISPLACEMENT:	1115 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 120.5 bbls of water and bump the plug to 1700 psi. Refer to HOWCO chart.

Job went well

Drilling Supervisor: B Grlinke

Drilling Engineer :

Santos

PETROLEUM ENGINEERING DEPARTMENT DAILY COMPLETION / WORKOVER REPORT

REPORT NO: 4

WELL: EAST MEREENIE 37

BLOCK: AMADEUS BASIN

DATE: 24/6/95

RIG: ODE RIG 24

ZONE: PACOOTTA P3-190/250

DAILY COST: \$51,540

CUM. COST: \$175,419

COST CODE : 086-5024-775-XXX

OBJECTIVE: COMPLETE THE WELL WITH SCHLUMBERGER 3-3/8" TCP ON 2-3/8" LOCKIT TUBING USING THE DRILLIN RIG.

0700 STATUS Rig moving.

PAST 24 HR. SUMMARY : Perforate and flow well to production tank.

TIME:

OPERATIONS LAST 24 HRS

6:00 AM Wait on daylight to perforate well.

7:00 AM Drop detonation bar and perforate Pacootta interval 1530m to 1535m , 1536.6m to 1540.7m and 1544.6m to 1549.2m . Annular stable and tubing has slight blow.

Flow well to test tank on a 1/16" choke setting with production department monitoring flow.

Rig crew rigging down rig and equipment.

12:00 PM Rig released.

	OIL	WATER
PUMPED LAST 24 HRS		
SWAB/PROD LAST 24 HRS		
LEFT TO RECOVER		
FLUID LOST TO FORMATION:		

FLUID WATER SOURCE:

REPORTED BY: I. FENDLEY

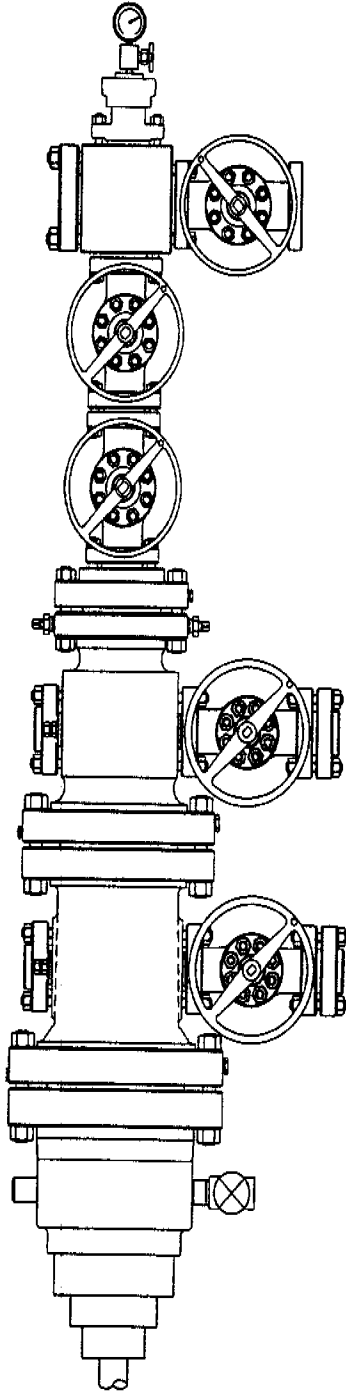
PETROLEUM ENGINEERING DEPARTMENT

SINGLE WELLHEAD AS INSTALLED

WELL: EAST MEREENIE 37

DATE: 23/6/95

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DESCRIPTION

TREE CAP	MAKE/TYPE SIZE/RATING LIFT THREAD FITTINGS	KVARENER NATIONAL 2-1/16" 3000 2-3/8" EUE 8RD 1-1/2" REDUCER AG VALVE GAUGE
FLOW CROSS	MAKE SIZE RATING	2-1/16" X 2-1/16" X 2-1/16" 5000 MTL CLASS EE
	OUTLET	FITTINGS
	WING VALVE	MAKE TYPE SIZE RATING TRIM
UPPER MASTER VALVE	MAKE TYPE SIZE RATING TRIM	KVARENER NATIONAL BHEL 2-1/16" 5000PSI N-1
LOWER MASTER VALVE	MAKE TYPE SIZE RATING TRIM	KVARENER NATIONAL BHEL 2-1/16" 5000PSI N-1
ADAPTOR FLANGE	MAKE/TYPE SIZE/RATING	KVARENER NATIONAL 7-1/16" 3000 X 2-1/16" 5000
TUBING SPOOL	MAKE/TYPE SIZE/RATING	KVARENER NATIONAL DP70 11" 3000 X 7-1/16" 3000
	OUTLET 1	VALVE
	OUTLET 2	FITTINGS
*CASING SPOOL	MAKE/TYPE SIZE/RATING	KVARENER NATIONAL KSB 13-5/8" 3000 x 11" 3000
	OUTLET 1	VALVE
	OUTLET 2	FITTINGS
CASING BOWL	MAKE/TYPE SIZE/RATING	KVARENER NATIONAL NSB 13-5/8" 3000 X 13-3/8" 8rd
	OUTLET 1	VALVE
	OUTLET 2	FITTINGS
SURF. CSG.	SIZE, WT./GR./THD./DEPTH	10-3/4" 40.5# 8RD H40 690.78
*INT. CSG.	SIZE, WT./GR./THD./DEPTH	
PROD. CSG.	SIZE, WT./GR./THD./DEPTH	5-1/2" 17# L80 8RD 1592.7
TUBING	SIZE, WT./GR./THD./# JTS.	2-3/8" 4.7# J55 LOCKIT 156 joints
TUBING HANGER	MAKE/TYPE LIFT THD./BPV PREP.	KVARENER NATIONAL 2-3/8" EUE CIW BPV PREP.
REMARKS	STRING WT. INDICATED CALCULATED SLACKOFF WT. OTHER	18000LBS 18000LBS 8000LBS TENSION

INTERMEDIATE CASING INSTALLED?
NO

AUTHOR: I. FENDLEY

DRAFTED: I. FENDLEY

DATE DRAWN: 23/6/95

DOWNHOLE 2-3/8" T.C.P. SINGLE COMPLETION

Santos

WELL:

EAST MEREENIE 37

DATE: 23/6/95

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