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NUMBER 7230/2

PPL 47

EROMANGA AND COOPER BASINS

STURT 4

TEST REPORTS

Submitted by

**Santos Ltd
1991**

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MINES AND ENERGY
SOUTH AUSTRALIA



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ENVELOPE 7230/2

TENEMENT: PPL 47; Eromanga and Cooper Basins

TENEMENT HOLDER: Santos Ltd (operator), Delhi Petroleum Pty Ltd, Sagasco Resources Ltd, Comada Energy Ltd and Vamgas Ltd

CONTENTS

	MESA NO.
REPORT: Deiparine, D., 1991. Field maintenance contractor's results of the static wellbore pressure gradient survey of the Poolowanna Formation oil reservoir producing interval 6146-6165 feet depth KB, conducted on 31/10/91 (Expertest Pty Ltd).	7230/2 R 1 Pgs 3-7

END OF CONTENTS

EXPERTEST PTY. LTD.



BHP/BHT GAUGE RUN DATA

CUSTOMER : Santos Ltd.

PERFORATIONS: 6146-6165

PAGE: 1 OF 1

WELL NAME: Start # 4

FORMATION : Poolowanna

DATE: 31.10.91

TEST TYPE : Static Gradient Survey

OPR : D. Deiparine

GAUGE DATA

UPPER
PRESSURE
GAUGELOWER
PRESSURE
GAUGETEMPERATURE
GAUGE

RUN DATA

TIME
(HOURS)TUBING
PRESSURE
(PSI/KPa)ANNULUS
PRESSURE
(PSI/KPa)

ELEMENT SERIAL NO.

57413

24708

DATE : 31.10.91

ELEMENT RANGE

3000

3300

PRESSURE LUBRICATOR :

1248

0

RECORDING SECTION SERIAL NO.

12960

61127

RUN IN HOLE :

1258

0

DATE OF CALIBRATION:

ON DEPTH AT : 6155' FT/M

1340

0

CLOCK SERIAL NO.

2180

2395

DATE : 31.10.91

CLOCK RANGE

3HRS

3HRS

PULL OUT OF HOLE :

1355

0

LEAD SCREW TYPE

S/P

S/P

AT SURFACE :

1405

0

DEPRESSURE LUBRICATOR :

1410

ENGAGE STYLUS DATE 31.10.91 TIME

1242

1242

MAXIMUM BHT AT 6155 FT/M = 221 °F/°C

DISENGAGE STYLUS DATE 31.10.91 TIME

1413

1413

N.B. ALL DEPTHS ARE MEASURED FROM K.B.

DATE

TIME

REMARKS

0004

EXPERTEST

WIRELINE & WELL TESTING SERVICE

PO BOX 354 COWANDILLA 5033

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136 RICHMOND ROAD MARLESTON
SOUTH AUSTRALIA 5033

Tested Thursday, 31st October 1991.

CLIENT	LOCATION	FORMATION
Santos Ltd.	Start # 4	Poolowanna

STATIC PRESSURE GRADIENT REPORT

PRESSURE ELEMENT DATA			
POSITION	SERIAL NO.	RANGE	CALIBRATED
Top	57413	3000	12/ 9/91
Bottom	24708	3300	12/ 9/91

WELL DATA	
PARAMETER	VALUE
DWT In	0 PSIG
DWT Out	0 PSIG
Max BHT	221

TOP ELEMENT				BOTTOM ELEMENT		
DEPTH FT KB	DEFLECTION INCHES	PRESSURE PSIG	GRADIENT PSI/FT	DEFLECTION INCHES	PRESSURE PSIG	GRADIENT PSI/FT
1000	0.1990	311.2	0.308	0.1900	312.7	0.314
2000	0.4750	738.4	0.427	0.4530	743.8	0.431
3000	0.7560	1173.6	0.435	0.7150	1172.3	0.429
4000	1.0270	1594.0	0.420	0.9740	1597.2	0.425
5000	1.2980	2014.9	0.421	1.2290	2017.8	0.421
5500	1.4340	2226.3	0.423	1.3570	2229.9	0.424
6155	1.6120	2502.9	0.422	1.5230	2505.9	0.421

GENERAL REMARKS

STURT #4 - STATIC PRESSURE GRADIENT - 31/10/91
ELEMENT # 57413 (TOP)

