

Open File Envelope

NUMBER 7245/2

PPL 36

EROMANGA BASIN

JENA 5

TEST REPORTS

Submitted by

Santos Ltd
1992

© 29/8/97

MINES and ENERGY
RESOURCES SOUTH AUSTRALIA



This report was supplied as part of the requirement to hold a mineral or petroleum exploration tenement in the State of South Australia.

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ENVELOPE 7245/2

TENEMENT: PPL 36; Eromanga Basin

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

CONTENTS

REPORT:	Sargeant, R., 1992. Field maintenance contractor's results of the static wellbore pressure gradient survey of the Murta Member oil reservoir perforated interval 3892-3957 feet depth KB, performed on 14/7/92 (Expertest Pty Ltd).	MESA NO. 7245/2 R 1 Pgs 3-9
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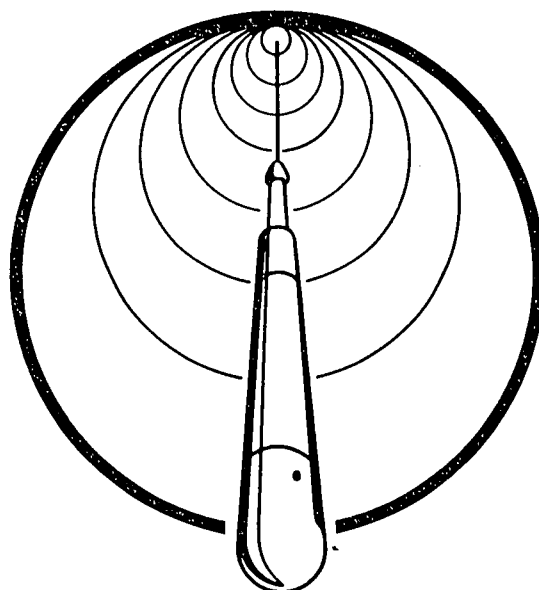
END OF CONTENTS

000003

COPY

EXPERTEST

ELECTRIC WIRELINE
SERVICE



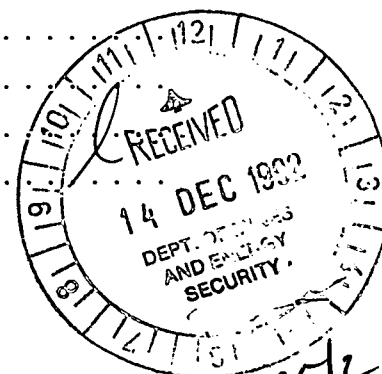
Electronic BHP/BHT Survey

Customer: SANTOS LTD

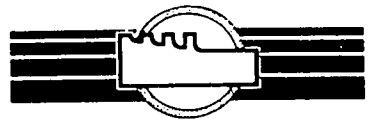
Location: JENA #5

Formation: MURTA

Date: 14 JULY 92



EXPERTEST PTY. LTD.



SEQUENCE OF EVENTS

CUSTOMER : SANTOS LIMITED

PERFORATIONS: 3892'-3957'

PAGE: 1 OF 1

WELL NAME: JENA #5 (UPPER)

FORMATION : MURTA

DATE: 14/07/92

TEST TYPE : STATIC GRADIENT

OPR : R. SARGEANT

DATE/TIME

DESCRIPTION OF EVENTS

07:00

MIRU.

07:40

RIH WITH 1.75" BLIND BOX.

08:00

PICK UP AT 3840'KB. NOTE: SUSPECT PUMP SEALS TO HAVE BEEN CAUGHT IN

PSN AT 3822'KB - JARRED THROUGH OK.

08:15

PREPARE GAUGES FOR STATIC GRADIENT (EMR PLUS AMERADA).

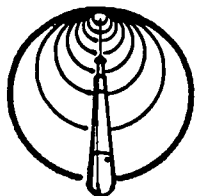
08:30

RIH WITH GAUGES AND PERFORM STATIC GRADIENT - SEE ATTACHED DATA.

09:35

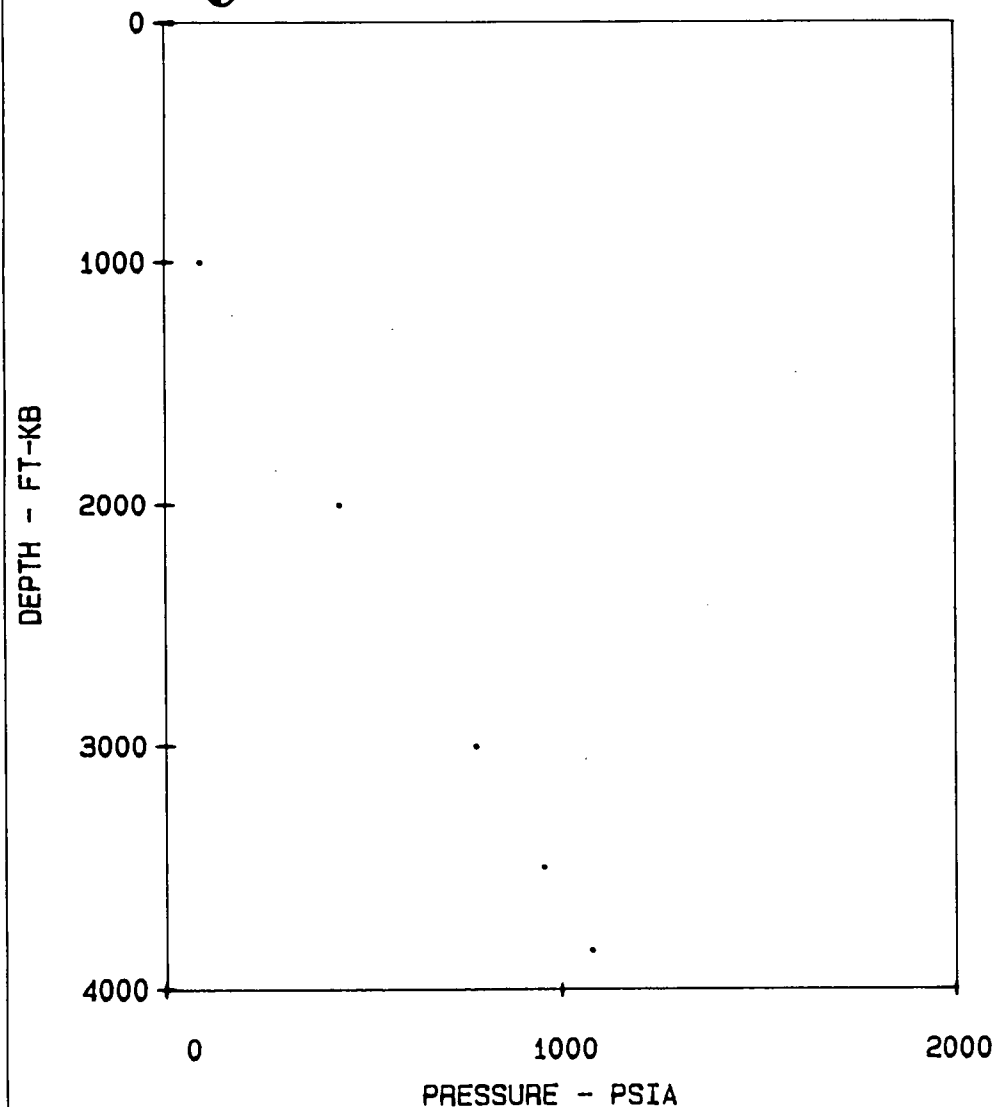
AT SURFACE - CHART OK RIG DOWN.

000004



EXPERTEST PTY. LTD.
ELECTRIC WIRELINE SERVICE
STATIC GRADIENT SURVEY

SANTOS LTD
WELL: JENA #5 UPPER
ZONE: MURTA
14/07/92



STOP	TIME	DEPTH ('KB)	PRESSURE (PSIA)	GRADIENT (PSI/FT)
1	0820	LUB.	15.23	----
2	0834	1000	91.84	0.0766
3	0843	2000	441.82	0.3500
4	0852	3000	784.52	0.3427
5	0859	3500	955.75	0.3425
6	0906	3840	1077.08	0.3569
7	0935	LUB.	21.77	----

000005

McAllister Petroleum Services Ltd.

EMP SETUP RECORD

=====

Computer Volume ID (Drive C:) =

EMP Information

Serial : 520
 Model : 168
 Version : 3.9/ 8
 Pressure Range : 5000.0 PSIA
 Maximum Readings : 32696
 Calibration ID : 600-12141
 Last Calibration : 92/05/20
 Set Up Time :
 Operating Mode : NORMAL

EMP Operating Parameters

Section	Interval hh:mm:ss	Format P/T	# Readings	Duration Hours	Cumulative Duration
=====	=====	=====	=====	=====	=====
DELAY	0: 0: 0				
1	0: 0: 4	5	32692	30.2700	30.2700
FINAL	1: 0: 0	1	0	0.0000	
			-----	-----	
TOTALS			32692	30.2700	

Download Status

Working registers : downloaded and verified
 Custom program : Not used
 Calibration : verified

OPR : R. SARGEANT

INSTRUMENT LAB REPORT	LAB CONDITIONS	GAUGE RESPONSE		FIELD OPERATOR REPORT	TIME (HOURS)	WELLSTE READINGS PSIG	GAUGE READINGS		
		PRE-SOB	POST-SOB				PSIG	°F	
DATE		11.72	14.9	DATE	14/7/92			Press.	Temp
ATMOSPHERIC CHECK: PRESSURE	14.7 PSIA	15.23	21.7	ATMOSPHERIC CHECK:				PSI	°F
TEMP		101	100	PRESSURE LUBRICATOR:		0		PSI	°F
				RUN IN HOLE	08:30				
CALIBRATION CHECK: PRESSURE	3000	2999.9		ON DEPTH AT	3480 FTM	09:06			
TEMP	266°F	276°F		DATE					
CALIBRATION DATE:				PULL OUT OF HOLE	14/7/92	09:16			
ENGAGE BATTERY DATE: TIME	09:00			AT SURFACE	09:35			PSI	°F
DISENGAGE BATTERY DATE: TIME	09:55			DEPRESSURE LUBRICATOR		0		PSI	°F
BATTERY SERIAL NO: # 4				ATMOSPHERIC CHECK:					
VOLTS	11.7	11.7	11.72						
LAB TECHNICIAN'S SIGNATURE:	K. Keane			FIELD OPERATOR'S SIGNATURE	R. SARCEANT				

DATE	TIME	REMARKS
		Corrections as discussed with K. Keane "OPR" error in coding.
		John 22/7/92
		George = data ok
		John 8/8/92

000008

**EXPERTEST**

WIRELINE & WELL TESTING SERVICE

PO BOX 354 COWANDILLA 5033

PH. (08) 354 0488 TELEX AA87183

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138 RICHMOND ROAD MARLESTON

SOUTH AUSTRALIA 5033

Tested Tuesday, 14th July 1992.

CLIENT	LOCATION	FORMATION
Santos Ltd.	JENA #5	MURTA

STATIC PRESSURE GRADIENT REPORT

PRESSURE ELEMENT DATA			
POSITION	SERIAL NO.	RANGE	CALIBRATED
Top			
Bottom	28515	3000	12/ 7/92

WELL DATA	
PARAMETER	VALUE
DWT In	0 PSIG
DWT Out	0 PSIG
Max BHT	194 F

TOP ELEMENT				BOTTOM ELEMENT		
DEPTH FT. KB	DEFLECTION INCHES	PRESSURE PSIG	GRADIENT PSI/FT	DEFLECTION INCHES	PRESSURE PSIG	GRADIENT PSI/FT
LUB.			-----			
1000			0.000	0.0688	102.2	0.000
2000			0.000	0.2910	443.6	0.341
3000			0.000	0.5110	783.9	0.340
3500			0.000	0.6192	951.5	0.335
3840			0.000	0.6938	1067.2	0.340
LUB.			-----			

GENERAL REMARKS

MCALLISTER EMP #080-520 RUN AS TOP ELEMENT