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NUMBER 4139

PEL 5 AND PEL 6, PATCHAWARRA EAST BLOCK

EROMANGA AND COOPER BASINS

COONATIE 2

TEST REPORTS

Submitted by

Delhi Petroleum Pty Ltd
1982

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MINES AND ENERGY
SOUTH AUSTRALIA



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ENVELOPE 4139

TENEMENT: PEL 5 and 6, Patchawarra East Block, Eromanga and Cooper Basins

TENEMENT HOLDER: Delhi Petroleum Pty Ltd (operator), Western Mining Corporation Pty Ltd, Santos Ltd, Vamgas Ltd, South Australian Oil and Gas Corporation Pty Ltd

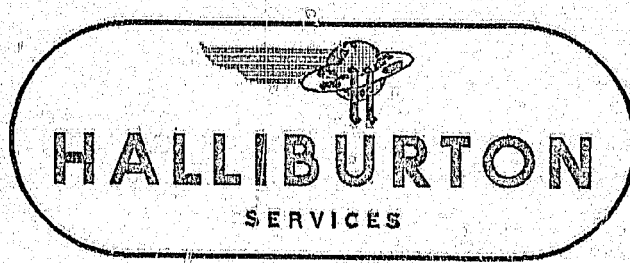
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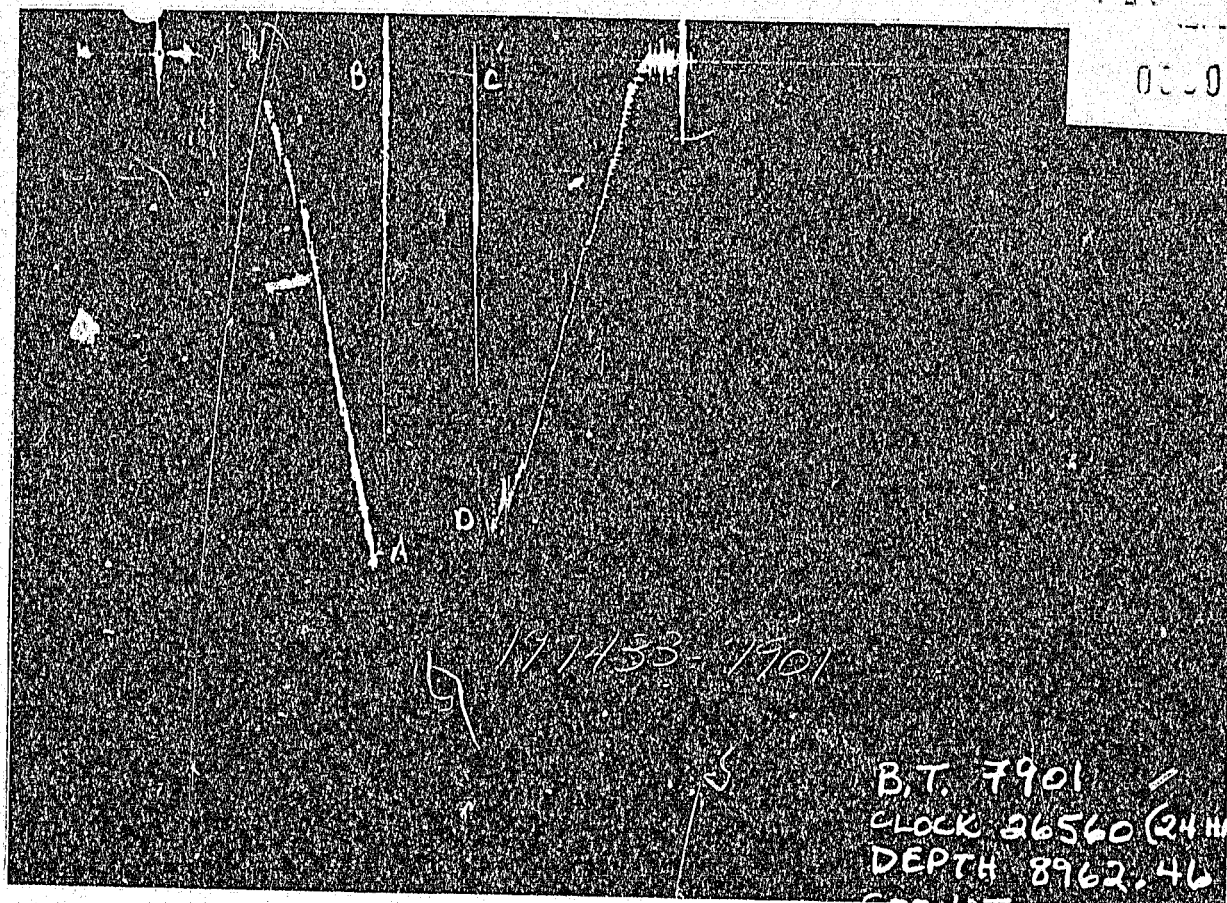


TICKET NO. 19743900
27-JUL-82
ADELAIDE

FORMATION TESTING SERVICE REPORT

COONABIE		2	1	8986.1 - 9016.1	SANTOS LIMITED
LEASE NAME		WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION		COOPER BASIN	FIELD	MOOMBA	COUNTY SOUTH AUSTRALIA
SEC. - TWP. - RMC.			AREA		STATE AUSTRALIA
					IC

0004

GAUGE NO: 7901 DEPTH: 8962.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		4430.0			
B	INITIAL FIRST FLOW		44.7			
C	FINAL FIRST FLOW		154.2	111.0	111.0	F
D	FINAL HYDROSTATIC		4324.1			

993.

00005



B.T. 7900
CLOCK 16055 (24 HR.)
DEPTH 9013
COORDINATE #1

GAUGE NO: 7900 DEPTH: 9013.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		4466.2			
B	INITIAL FIRST FLOW		75.0			
C	FINAL FIRST FLOW		181.4	111.0	111.0	F
D	FINAL HYDROSTATIC		4360.9			

EQUIPMENT & HOLE DATA

FORMATION TESTED: NAPPAMERRI
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 30.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 8.500
 ELEVATION (ft): 168
 TOTAL DEPTH (ft): 9016.0
 PACKER DEPTH(S) (ft): 8978, 8986
 FINAL SURFACE CHOKE (in): 0.500
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.60
 MUD VISCOSITY (sec): 48
 ESTIMATED HOLE TEMP. (°F): 230
 ACTUAL HOLE TEMP. (°F): 236 @ 9012.0 ft

TICKET NUMBER: 19743300DATE: 5-20-82 TEST NO: 1TYPE DST: OPEN HOLEHALLIBURTON CAMP:
ADELAIDETESTER: B. GORE
D. BURTWITNESS: RAY ELLDRILLING CONTRACTOR:
S & T # 16FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: _____
 cu.ft. OF GAS: _____
 cc OF OIL: _____
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED: 0MEASURED FROM
TESTER VALVE

REMARKS:

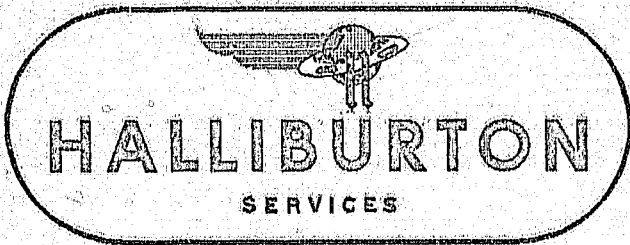
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TICKET NO. 19743300

		O.D.	I.D.	LENGTH	DEPTH
1		DRILL PIPE..... 4.500	3.826	8171.5	
4		FLEX WEIGHT..... 5.000	3.000	278.2	
3		DRILL COLLARS..... 6.500	2.818	468.3	
50		IMPACT REVERSING SUB..... 6.000	3.000	1.0	8918.6
3		DRILL COLLARS..... 6.500	2.818	31.2	
5		CROSSOVER..... 5.000	2.300	1.0	
12		DUAL CIP VALVE..... 5.000	0.870	4.9	
60		HYDROSPRING TESTER..... 5.000	0.750	5.3	8961.5
80		AP RUNNING CASE..... 5.000	2.250	4.1	8962.6
15		JAR..... 5.000	1.750	5.0	
16		VR SAFETY JOINT..... 5.000	1.000	2.8	
70		OPEN HOLE PACKER..... 7.500	1.530	5.8	8978.2
18		DISTRIBUTOR VALVE..... 5.000	1.680	2.0	
70		OPEN HOLE PACKER..... 7.500	1.530	5.8	8986.0
19		ANCHOR PIPE SAFETY JOINT..... 5.000	1.500	4.3	
20		FLUSH JOINT ANCHOR..... 5.000	2.370	21.0	
81		BLACKED-OFF RUNNING CASE..... 5.000	2.440	4.1	9018.0
TOTAL DEPTH					9016.0

EQUIPMENT DATA

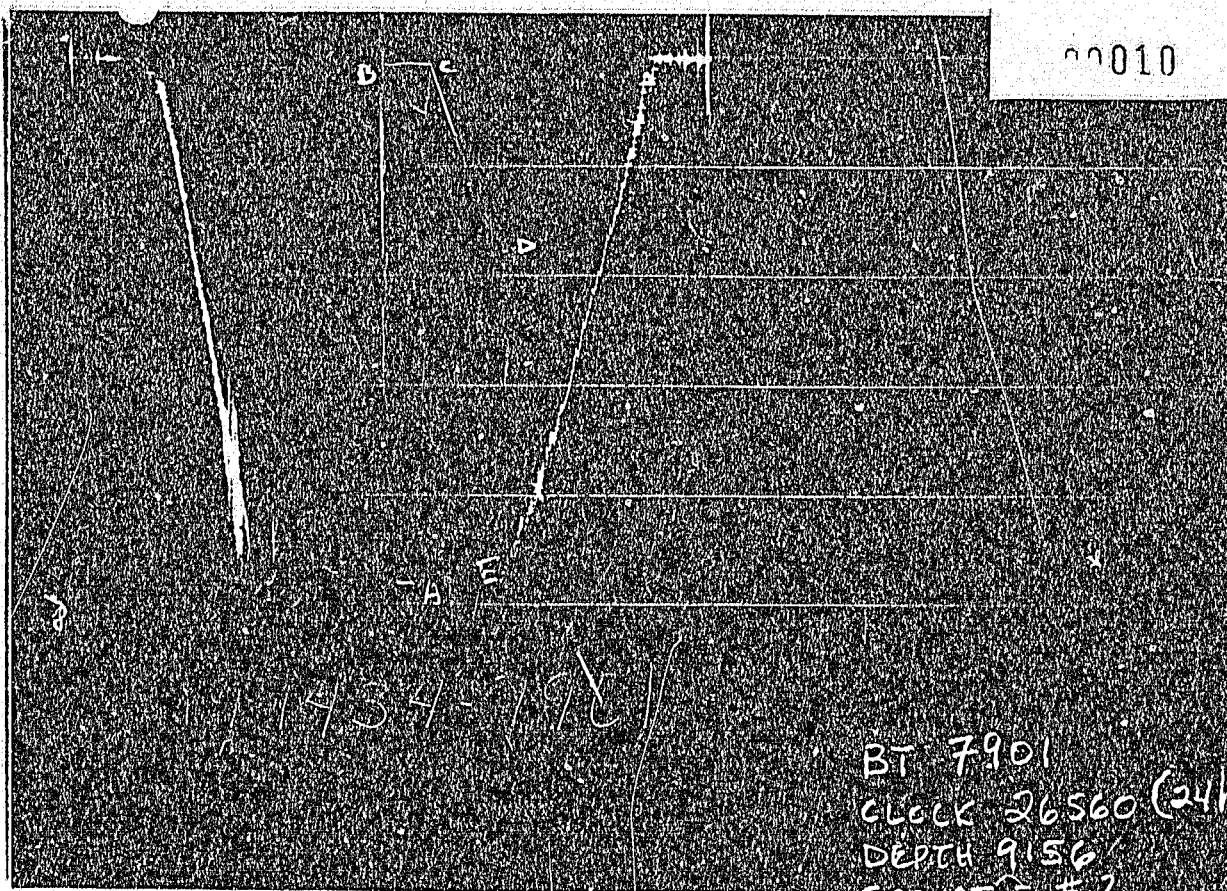
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TICKET NO. 19749400
27-JUL-82
ADELAIDE

FORMATION TESTING SERVICE REPORT

COORDINATE	2	2	9180.1 - 9232.1	SANTOS, LIMITED
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RNC.	COOPER BASIN	FIELD AREA	MOOMBA	COUNTY SOUTH AUSTRALIA
				STATE AUSTRALIA
				BC



GAUGE NO: 7901 DEPTH: 9156.6 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		4567.8			
B	INITIAL FIRST FLOW		70.5			
C	FINAL FIRST FLOW		68.3	62.0	63.5	F
C	INITIAL FIRST CLOSED-IN		68.3			
D	FINAL FIRST CLOSED-IN		1765.6	90.0	88.5	C
E	FINAL HYDROSTATIC		4553.7			

79011

BT 7900

CLOCK 16055 (24 hr)

DEPTH 9229

CORRECTION #2

GAUGE NO: 7900 DEPTH: 9229.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		4604.8			
B	INITIAL FIRST FLOW		85.1			
C	FINAL FIRST FLOW		85.1	62.0	63.5	F
C	INITIAL FIRST CLOSED-IN		85.1			
D	FINAL FIRST CLOSED-IN		1783.8	90.0	88.5	C
E	FINAL HYDROSTATIC		4585.3			

EQUIPMENT & HOLE DATA

FORMATION TESTED: NAPPAMERRI
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 52.0
 ALL DEPTHS MEASURED FROM: KB
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 8.500
 ELEVATION (ft): 168
 TOTAL DEPTH (ft): 9232.0
 PACKER DEPTH(S) (ft): 9172. 9180
 FINAL SURFACE CHOKE (in): 0.500
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.60
 MUD VISCOSITY (sec): 48
 ESTIMATED HOLE TEMP. (°F): 236
 ACTUAL HOLE TEMP. (°F): 240 @ 9228.0 ft

TICKET NUMBER: 19743400DATE: 5-23-82 TEST NO: 2TYPE DST: OPEN HOLE

HALLIBURTON CAMP:

ADELAIDETESTER: BURTGOREWITNESS: ELF

DRILLING CONTRACTOR:

SAND T #16FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE

RESISTIVITY

CHLORIDES

_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Pstg AT SURFACE: _____

cu.ft. OF GAS: _____

cc OF OIL: _____

cc OF WATER: _____

cc OF MUD: _____

TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

MEASURED FROM
TESTER VALVE

REMARKS:

TYPE & SIZE MEASURING DEVICE: SURFACE MANIFOLD 0.50" CHOKE					TICKET NO: 19743400
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
5-22-82					
2400					LOADED B.T.'S
5-23-82					
0015					MADE UP TOOLS
0120					RAN IN HOLE
0612					MADE UP HEAD
0623					SET PACKER
0626					OPENED TOOL, MODERATE BLOW
0630					MODERATE BLOW
0631	.5				OPENED TO FLARE LINE WITH A
					MODERATE BLOW
0635	"				"
0639					CLOSED .5" CHOKE, MODERATE
					BLOW
0640	.75				OPENED .75" CHOKE, MODERATE
					BLOW
0641	.5				CLOSED .75" CHOKE, OPENED
					.5" CHOKE, MODERATE BLOW.
0645	"				MODERATE BLOW
0650	"				"
0655	"				"
0700	"				"
0705	"				MODERATE BLOW, ANNULUS
					DROPPED 15'.
0710	"				MODERATE BLOW
0715	"				"
0718	"				FLARE LINE CLEAR, WEAK BLOW
0720	"				DECREASED TO A VERY WEAK BLOW
0725	"				VERY WEAK BLOW
0728	"				CLOSED TOOL
0858					PULLED PACKER FREE. PULLED
					OUT OF HOLE
1230					BROKE DOWN TOOLS
1320					OUT OF HOLE

728
00014

TICKET NO: 19743400
CLOCK NO: 26560 HOUR: 24



GAUGE NO: 7901
DEPTH: 9156.6

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	70.5			
2	7.0	69.6	-0.9		
3	14.0	69.6	0.0		
4	21.0	67.0	-2.6		
5	28.0	60.4	-6.6		
6	35.0	58.8	-1.5		
7	42.0	61.5	2.6		
8	49.0	66.1	4.6		
9	56.0	66.1	0.0		
C 10	63.5	68.3	2.2		
FIRST CLOSED-IN					
C 1	0.0	68.3			
2	7.0	217.2	148.9	6.3	1.005
3	14.0	373.6	305.3	11.4	0.744
4	21.0	539.9	471.6	15.8	0.605
5	28.0	685.2	617.0	19.4	0.514
6	35.0	842.7	774.4	22.5	0.449
7	42.0	993.6	925.3	25.3	0.400
8	49.0	1130.7	1062.4	27.7	0.361
9	56.0	1258.6	1190.3	29.8	0.329
10	63.0	1378.1	1309.8	31.6	0.303
11	70.0	1489.3	1421.0	33.3	0.280
12	77.0	1598.2	1530.0	34.8	0.261
13	84.0	1707.5	1639.2	36.1	0.244
D 14	88.5	1765.6	1697.3	37.0	0.235

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$

REMARKS:

00015

TICKET NO: 19749400

CLOCK NO: 16055 HOUR: 24



GAUGE NO: 7900

DEPTH: 9229.0

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$	REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
FIRST FLOW											
B 1	0.0	85.1									
2	7.0	88.6	3.5								
3	14.0	88.6	0.0								
4	21.0	88.6	0.0								
5	28.0	88.6	0.0								
6	35.0	88.6	0.0								
7	42.0	88.8	-1.8								
8	49.0	88.8	0.0								
9	56.0	84.4	-2.4								
C 10	63.5	85.1	0.7								
FIRST CLOSED-IN											
C 1	0.0	85.1									
2	7.0	243.4	158.3	6.3	1.002						
3	14.0	415.1	330.0	11.5	0.743						
4	21.0	588.8	503.7	15.8	0.805						
5	28.0	737.1	652.0	19.4	0.514						
6	35.0	876.1	791.0	22.5	0.449						
7	42.0	1018.6	933.5	25.3	0.400						
8	49.0	1153.9	1068.8	27.6	0.361						
9	56.0	1296.3	1211.2	29.8	0.329						
10	63.0	1399.6	1314.5	31.6	0.303						
11	70.0	1519.1	1428.0	33.3	0.280						
12	77.0	1619.4	1534.3	34.8	0.261						
13	84.0	1723.6	1638.5	36.2	0.244						
D 14	88.5	1783.8	1698.8	37.0	0.235						

REMARKS:

828
00016

TICKET NO. 19743400

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	5.000	4.500	8583.5	
4		FLEX WEIGHT.....	5.000	3.000	278.2	
3		DRILL COLLARS.....	6.500	2.813	250.0	
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	9112.6
3		DRILL COLLARS.....	6.500	2.813	31.2	
5		CROSSOVER.....	5.000	2.300	1.0	
12		DUAL GIP VALVE.....	5.000	0.870	4.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.3	9155.5
80		AP RUNNING CASE.....	5.000	2.250	4.1	9156.6
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.500	1.530	5.8	9172.2
18		DISTRIBUTOR VALVE.....	5.000	1.680	2.0	
70		OPEN HOLE PACKER.....	7.500	1.530	5.8	9180.0
19		ANCHOR PIPE SAFETY JOINT.....	5.000	1.500	4.3	
5		CROSSOVER.....	5.000	1.800	0.6	
3		DRILL COLLARS.....	6.500	2.813	31.1	
5		CROSSOVER.....	5.000	2.000	1.2	
20		FLUSH JOINT ANCHOR.....	5.000	2.370	10.0	
81		BLANKED-OFF RUNNING CASE.....	5.000	2.440	4.1	9229.0
TOTAL DEPTH					9232.0	

EQUIPMENT DATA

801

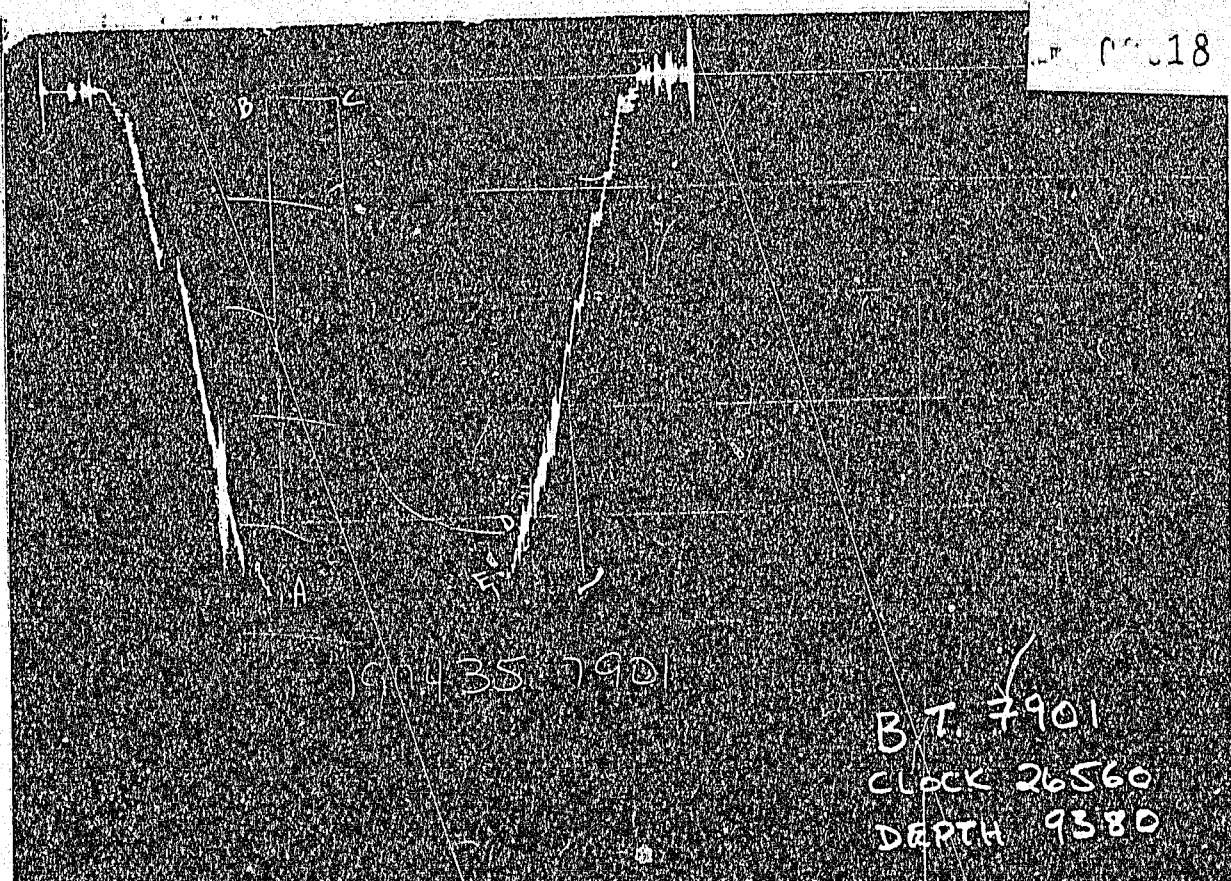
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TICKET NO. 19749500
16-AUG-82
ADELAIDE

FORMATION TESTING SERVICE REPORT

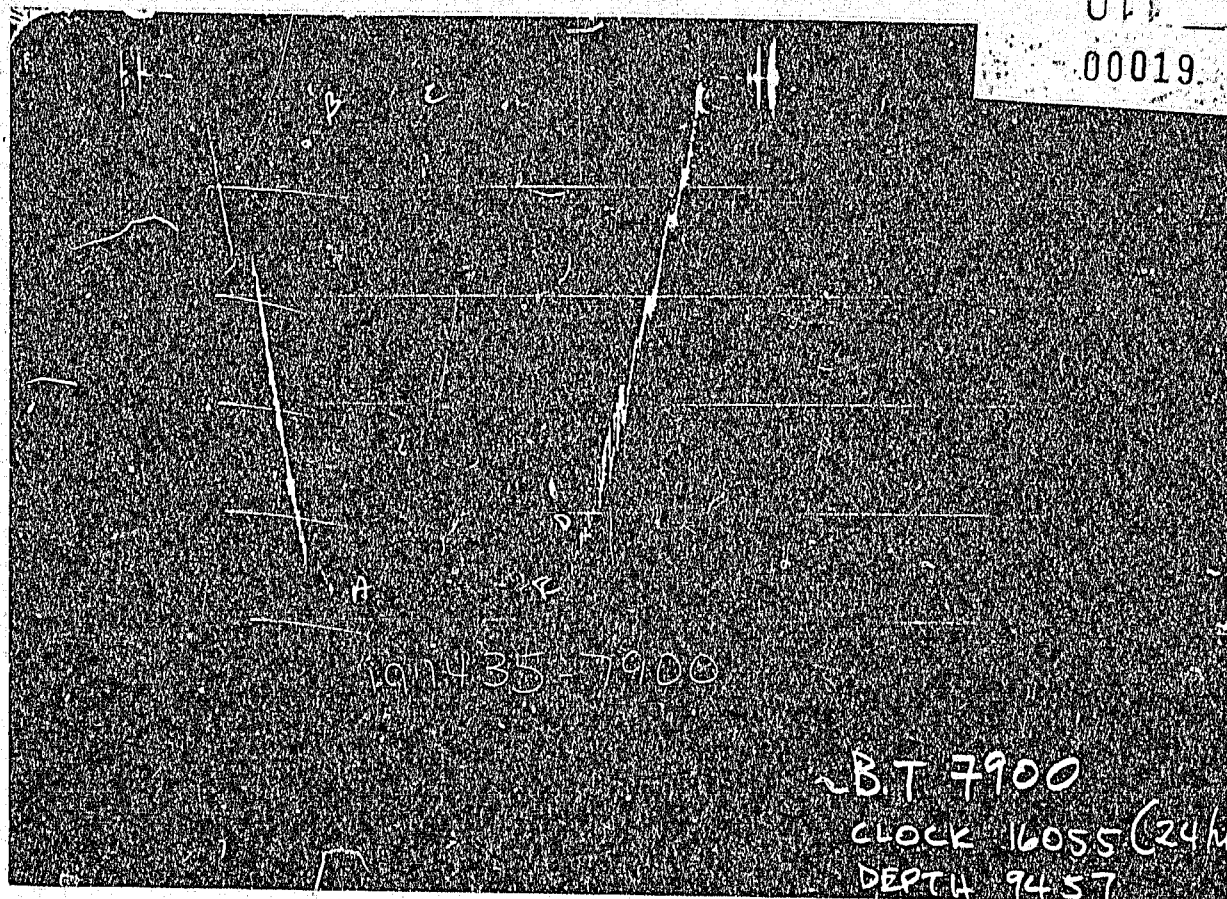
COORDINATE	2	3	9401.1 - 9460.1	SANTOS, LIMITED
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RNG.	COOPER BASIN	FIELD AREA	MOOMB	COUNTY SOUTH AUSTRALIA
				STATE AUSTRALIA



GAUGE NO: 7901 DEPTH: 9380.6 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		4605.3			
B	INITIAL FIRST FLOW		266.3			
C	FINAL FIRST FLOW		116.5	90.0	89.6	F
C	INITIAL FIRST CLOSED-IN		116.5			
D	FINAL FIRST CLOSED-IN		4150.0	180.0	180.4	C
E	FINAL HYDROSTATIC		4568.0			

OTF
00019



GAUGE NO: 7900 DEPTH: 9457.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		4642.4			
B	INITIAL FIRST FLOW		447.4			
C	FINAL FIRST FLOW		196.1	90.0	89.6	F
C	INITIAL FIRST CLOSED-IN		196.1			
D	FINAL FIRST CLOSED-IN		4188.8	180.0	180.4	C
E	FINAL HYDROSTATIC		4622.9			

00020

EQUIPMENT & HOLE DATA

FORMATION TESTED: TOOLACHEE

NET PAY (ft): _____

GROSS TESTED FOOTAGE: 56.0

ALL DEPTHS MEASURED FROM: KELLY BUSHING

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 8.500

ELEVATION (ft): 168

TOTAL DEPTH (ft): 9460.0

PACKER DEPTH(S) (ft): 9396, 9404

FINAL SURFACE CHOKE (in): 0.500

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 9.60

MUD VISCOSITY (sec): 48

ESTIMATED HOLE TEMP. (°F): 240

ACTUAL HOLE TEMP. (°F): 244 @ 9456.0 ft

TICKET NUMBER: 19743500

DATE: 5-25-82 TEST NO: 3

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:

ADELAIDE

TESTER: D. BURT
A. GORG

WITNESS: RAY EEL

DRILLING CONTRACTOR:

S & T DRILLING RIG #16

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: _____

cu.ft. OF GAS: _____

cc OF OIL: _____

cc OF WATER: _____

cc OF MUD: _____

TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F

GAS/OIL RATIO (cu.ft. per bbl): _____

GAS GRAVITY: _____

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

370 FEET OF HEAVY GAS CUT DRILLING MUD

MEASURED FROM
TESTER VALVE

REMARKS:

211
00021

TYPE & SIZE MEASURING DEVICE: _____ CHOKE NIPPLE _____					TICKET NO: J9743500
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
5-25-82					
0150					LOADED B.T.'S.
0215					MADE-UP TOOLS.
0300					RUN IN HOLE WITH TEST TOOLS.
0615					MADE-UP HEAD.
0625					SET PACKER.
0629					OPENED TOOL WITH A WEAK BLOW.
0630					BLOW INCREASED TO A STRONG
					BLOW.
0631	.50				OPENED TO FLARE LINE.
					STRONG BLOW.
0633	.50	5			STRONG BLOW.
0634	.50	20			STRONG BLOW.
0636	.50	25			GAS TO THE SURFACE.
0640	.50	35			
0645	.50	43			
0650	.50	50			
0655	.50	55			
0700	.50	59			
0705	.50	62			
0710	.50	64			
0715	.50	65			
0720	.50	67			
0725	.50	68			
0730	.50	69			
0735	.50	69			
0740	.50	69			
0745	.50	69			
0759	.50	69			CLOSED TOOL.
1059					PULLED PACKER FREE - PULLED
					OUT OF HOLE.
1445					BREAK DOWN TEST TOOLS.
1545					OUT OF HOLE.

ETL
00022

TICKET NO: 19743500

CLOCK NO: 26560 HOUR: 24



GAUGE NO: 7901

DEPTH: 9380.6

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	266.3			
2	15.0	94.9	-171.4		
3	30.0	111.0	16.1		
4	45.0	119.8	8.8		
5	60.0	125.6	5.7		
6	75.0	128.0	2.4		
C 7	89.6	116.5	-11.5		
FIRST CLOSED-IN					
C 1	0.0	116.5			
2	12.0	2800.4	2683.9	10.6	0.926
3	24.0	3371.6	3255.1	18.9	0.675
4	36.0	3601.7	3485.2	25.7	0.543
5	48.0	3749.8	3633.3	31.2	0.457
6	60.0	3851.3	3734.8	35.9	0.397
7	72.0	3922.9	3806.4	39.9	0.351
8	84.0	3978.2	3861.6	43.3	0.315
9	96.0	4011.6	3895.1	46.3	0.286
10	108.0	4042.5	3926.0	49.0	0.262
11	120.0	4082.2	3965.7	51.3	0.242
12	132.0	4101.1	3984.6	53.4	0.225
13	144.0	4117.3	4000.8	55.2	0.210
14	156.0	4130.3	4013.7	56.9	0.197
15	168.0	4143.4	4026.9	58.4	0.186
D 16	180.4	4150.0	4033.5	59.9	0.175

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$

REMARKS:

711
00023

TICKET NO: 19743500
CLOCK NO: 16055 HOUR: 24



GAUGE NO: 7900
DEPTH: 9457.0

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	447.4			
2	15.0	258.8	-188.6		
3	30.0	197.8	-61.0		
4	45.0	203.9	6.1		
5	60.0	201.8	-2.2		
6	75.0	198.9	-2.9		
C 7	89.6	196.1	-2.9		
FIRST CLOSED-IN					
C 1	0.0	196.1			
2	12.0	2916.0	2719.9	10.6	0.927
3	24.0	3416.4	3220.3	18.9	0.676
4	36.0	3650.2	3454.2	25.7	0.542
5	48.0	3793.9	3597.8	31.3	0.457
6	60.0	3894.1	3698.1	35.9	0.397
7	72.0	3865.3	3769.2	39.9	0.351
8	84.0	4019.3	3823.3	3.4	0.315
9	96.0	4081.3	3865.3	5.3	0.286
10	108.0	4092.3	3896.3	49.0	0.262
11	120.0	4116.5	3920.4	51.3	0.242
12	132.0	4137.4	3941.3	53.4	0.225
13	144.0	4153.6	3957.6	55.2	0.210
14	156.0	4166.6	3970.5	56.9	0.197
15	168.0	4178.0	3982.0	57.1	0.186
D 16	180.4	4188.8	3992.7	59.9	0.175

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$

REMARKS:

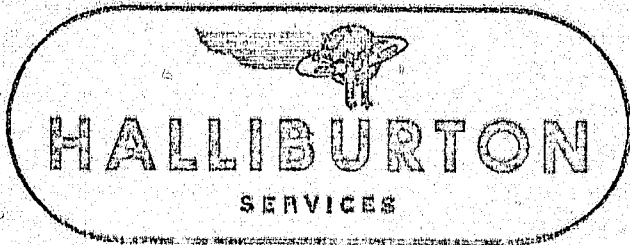
60024

TICKET NO. 19743500

		O.D.	I.D.	LENGTH	DEPTH
1		5.000	4.276	8807.6	
1		5.000	3.000	278.2	
3		6.500	2.813	250.0	
50		6.000	3.000	1.0	9336.3
3		6.500	2.813	31.2	
5		5.000	2.300	1.0	
12		5.000	0.870	4.9	
60		5.000	0.750	5.3	9379.2
80		5.000	2.250	4.1	9380.6
15		5.000	1.750	5.0	
16		5.000	1.000	2.8	
70		7.500	1.530	5.8	9396.2
18		5.000	1.680	2.0	
70		7.500	1.590	5.8	9404.0
19		5.000	1.500	4.9	
5		5.000	1.800	0.6	
3		6.500	2.813	31.1	
5		5.000	2.000	1.2	
20		5.000	2.370	14.0	
81		5.000	2.440	4.1	9457.0
TOTAL DEPTH					9460.0
EQUIPMENT DATA					

801
00025

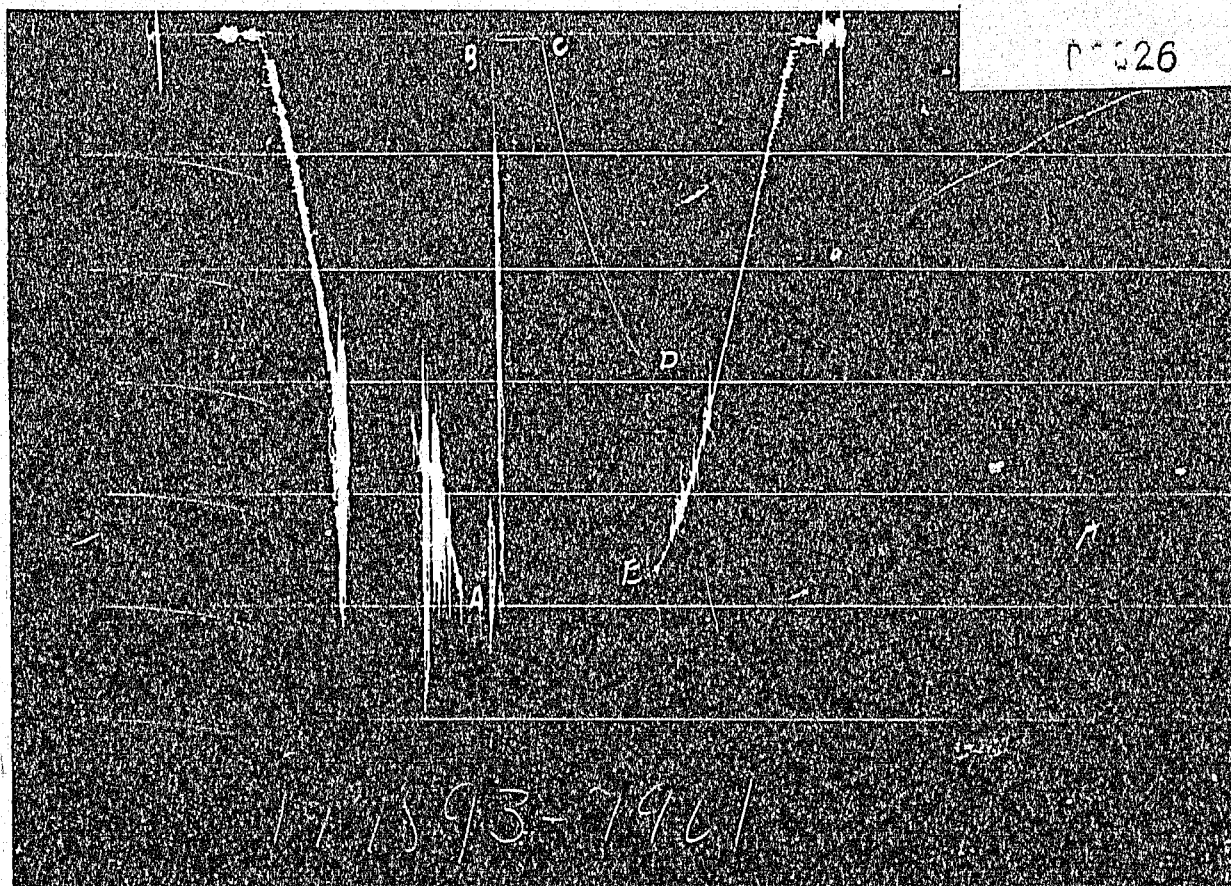
COONJILL		2	4	9642.1 - 9692.1	SANIOS, LIMITED
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME	
LEGAL LOCATION SEC. - TWP. - RANG.	SEE REMARKS	FIELD AREA	COOPER BASIN	COUNTY SOUTH AUSTRALIA	STATE AUSTRALIA BC



TICKET NO. 19789300
16-AUG-82
MOOMBA

FORMATION TESTING SERVICE REPORT

0026



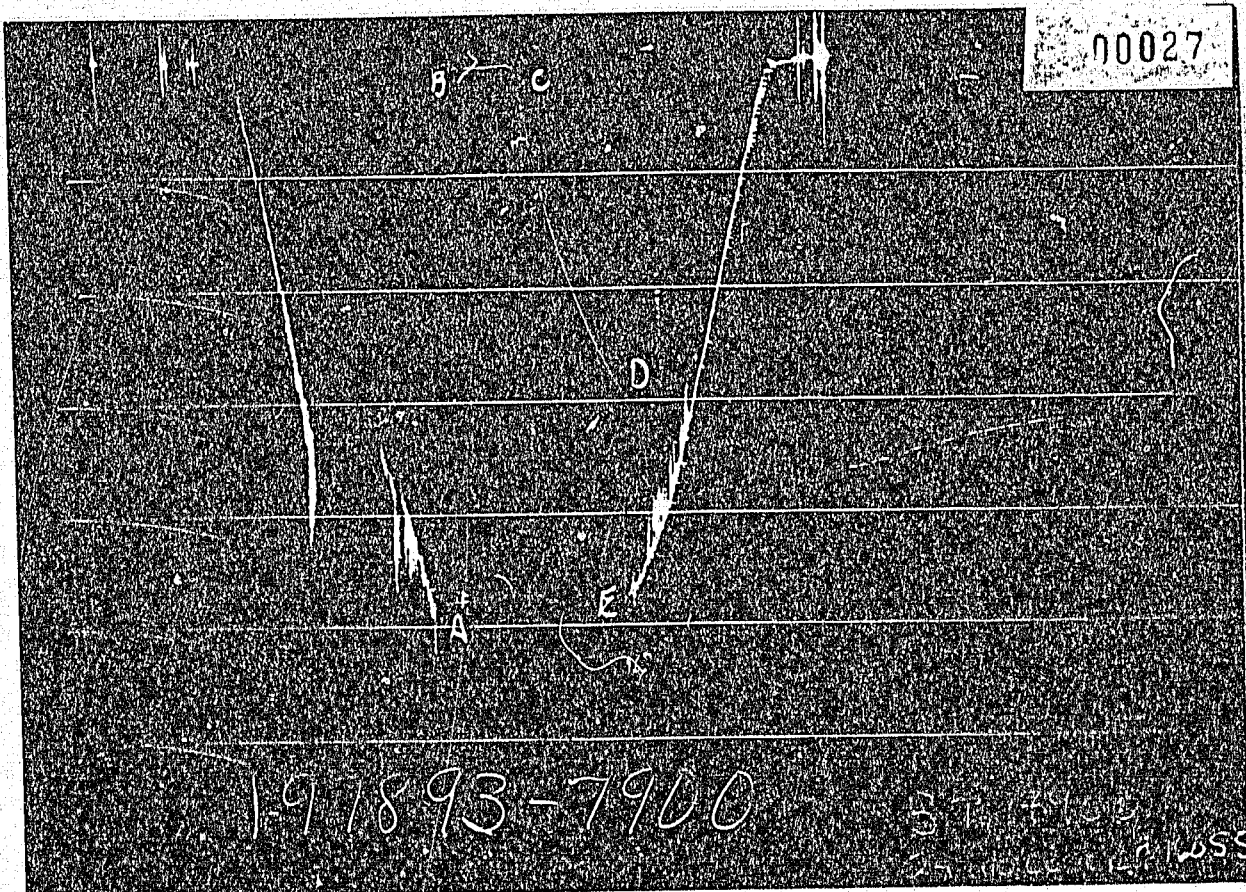
1978 93-7961

Gauge No: 1201 Depth: 10122 Bl: 10 Off: 102 Hour of Clock: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		OPEN	CLOSED	OPEN	CLOSED	
A	INITIAL HYDROSTATIC	4747.1				
B	INITIAL FIRST FLO	40.1		60.0	60.5	F
C	FINAL FIRST FLO	61.2				
C	INITIAL FIRST CLOSED-IN	61.2		120.0	119.5	C
D	FINAL FIRST CLOSED-IN	2864.9				
E	FINAL HYDROSTATIC	4722.4				

01

00027



GAUGE NO: 7892 DEPTH: 1000.0 ft. SLOWED OFF: 1.0 HOURS OF CLOSURE: 24

ID	DESCRIPTION	PRESSURE	TIME		TYPE
		PSI	MIN	SEC	
A	INITIAL HYDROSTATIC	4778.5			
B	INITIAL FIRST FLOW	70.2	60.0	60.5	F
C	FINAL FIRST FLOW	73.7			
C	INITIAL FIRST CLOSED-IN	73.7	120.0	119.5	C
D	FINAL FIRST CLOSED-IN	2901.3			
E	FINAL HYDROSTATIC	4750.5			

TLL
00028

EQUIPMENT & HOLE DATA

FORMATION TESTED: PATCHAWARRA
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 50.3
 ALL DEPTHS MEASURED FROM: KB
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 8.500
 ELEVATION (ft): 168
 TOTAL DEPTH (ft): 9692.0
 PACKER DEPTH(S) (ft): 9634, 9642
 FINAL SURFACE CHOKE (in): 0.500
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.60
 MUD VISCOSITY (sec): _____
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 248 @ 9688.0 ft

TICKET NUMBER: 19789300

DATE: 5-27-82 TEST NO: 4

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:
MOOMBA

TESTER: CORE

WITNESS: _____

DRILLING CONTRACTOR:
S AND T #16

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm
_____	_____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: _____
 cu.ft. OF GAS: _____
 cc OF OIL: _____
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

270' OF RAT HOLE MUD IN DRILL COLLARS
 APPROXIMATELY 2.5 BARRELS. THIS MUD WAS NOT GAS CUT

MEASURED FROM
TESTER VALVE

REMARKS:

LEGAL LOCATION = LAT. 27 DEGREES 20' 20.6" S
 LONG. 140 DEGREES 20' 30.6" E

00029

65000

[illegible]

ETL
00030

TICKET NO: 19789300

CLOCK NO: 26560 HOUR: 24



GAUGE NO: 7901

DEPTH: 9617.2

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$	REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW											
B 1	0.0	49.1									
2	6.0	48.5	-0.7								
3	12.0	54.0	5.5								
4	18.0	54.8	0.9								
5	24.0	52.4	-2.4								
6	30.0	50.2	-2.2								
7	36.0	46.3	-4.0								
8	42.0	43.2	-3.1								
9	48.0	38.3	-4.8								
10	54.0	41.2	2.9								
C 11	60.5	61.2	20.0								
FIRST CLOSED-IN											
C 1	0.0	61.2									
2	6.0	339.6	278.4	5.5	1.043						
3	12.0	580.6	519.4	10.0	0.782						
4	18.0	801.3	740.1	13.9	0.640						
5	24.0	1000.4	939.2	17.3	0.547						
6	30.0	1191.4	1130.2	20.1	0.480						
7	36.0	1362.5	1301.3	22.6	0.429						
8	42.0	1524.3	1463.5	24.8	0.386						
9	48.0	1675.9	1614.6	26.8	0.354						
10	54.0	1814.3	1753.0	28.5	0.327						
11	60.0	1945.0	1883.7	30.1	0.303						
12	66.0	2068.3	2007.1	31.6	0.283						
13	72.0	2184.1	2122.8	32.9	0.265						
14	78.0	2293.4	2232.2	34.1	0.249						
15	84.0	2397.6	2336.4	35.2	0.236						
16	90.0	2497.4	2436.1	36.2	0.224						
17	96.0	2589.1	2527.8	37.1	0.212						
18	102.0	2667.0	2605.6	38.0	0.202						
19	108.0	2750.7	2689.4	38.8	0.193						
20	114.0	2824.9	2763.7	39.5	0.185						
D 21	119.5	2884.0	2823.7	40.2	0.178						

REMARKS:

711

00031

TICKET NO: 19789300

CLOCK NO: 16055 HOUR: 24



GAUGE NO: 7900

DEPTH: 9688.9

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	70.2			
2	6.0	68.9	-1.3		
3	12.0	70.4	1.5		
4	18.0	70.4	0.0		
5	24.0	68.4	-2.0		
6	30.0	64.9	-3.5		
7	36.0	61.8	-3.1		
8	42.0	57.5	-4.4		
9	48.0	53.3	-4.2		
10	54.0	57.9	4.6		
C 11	60.5	73.7	15.8		
FIRST CLOSED-IN					
C 1	0.0	73.7			
2	6.0	353.4	282.7	5.4	1.046
3	12.0	595.2	521.5	10.0	0.780
4	18.0	809.9	736.2	13.9	0.640
5	24.0	1014.0	940.3	17.2	0.547
6	30.0	1204.6	1130.9	20.0	0.480
7	36.0	1379.0	1305.4	22.6	0.428
8	42.0	1534.1	1460.4	24.8	0.387
9	48.0	1683.2	1609.5	26.8	0.354
10	54.0	1813.8	1745.1	28.5	0.327
11	60.0	1949.6	1875.9	30.1	0.303
12	66.0	2068.1	1984.4	31.6	0.283
13	72.0	2182.7	2103.0	32.9	0.265
14	78.0	2299.6	2225.9	34.1	0.249
15	84.0	2405.5	2331.8	35.2	0.236
16	90.0	2504.2	2430.5	36.2	0.223
17	96.0	2592.8	2519.1	37.1	0.212
18	102.0	2678.8	2605.1	38.0	0.202
19	108.0	2768.5	2693.8	38.8	0.193
20	114.0	2841.4	2767.7	39.5	0.185
D 21	119.5	2901.3	2827.6	40.2	0.178

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
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REMARKS:

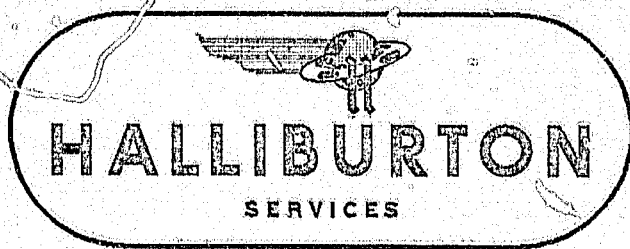
STL
00032

TICKET NO. 19789300

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	5.000	4.276	9017.2	
1		DRILL PIPE.....	5.000	3.000	275.2	
3		DRILL COLLARS.....	6.500	2.812	281.4	
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	9573.8
3		DRILL COLLARS.....	6.500	2.812	31.2	
5		CROSSOVER.....	5.000	2.300	1.0	
12		DUAL CIP VALVE.....	5.000	0.870	4.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.3	9614.8
60		AF RUNNING CASE.....	5.000	2.250	4.1	9617.2
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.500	1.530	5.0	9633.9
18		DISTRIBUTION VALVE.....	5.000	1.680	2.0	
70		OPEN HOLE PACKER.....	7.500	1.530	5.8	9641.7
19		ANCHOR PIPE SAFETY JOINT.....	5.000	1.500	4.3	
5		CROSSOVER.....	5.000	1.800	0.6	
3		DRILL COLLARS.....	6.500	2.812	31.1	
5		CROSSOVER.....	5.000	2.000	1.2	
21		PERFORATED TAIL PIPE.....	5.000	2.370	8.0	
81		BLANKED-OFF RUNNING CASE.....	5.000	2.440	4.1	9688.9
TOTAL DEPTH					9692.0	

EQUIPMENT DATA

004
100000

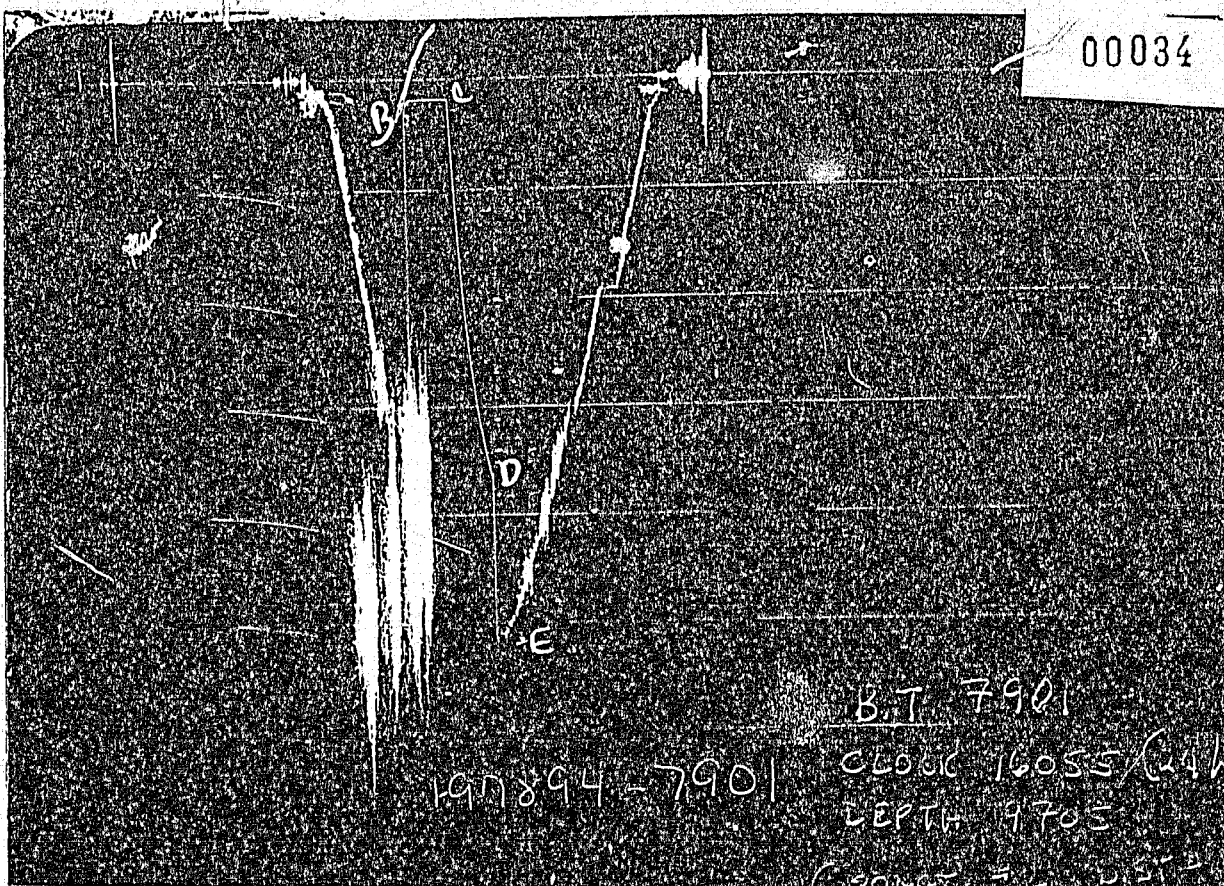


TICKET NO. 19789400
16-AUG-82
MOOMBA

FORMATION TESTING SERVICE REPORT

CONDATE		2		5		9730. - 9800.		SANTOS, LIMITED	
LEASE NAME		WELL NO.		TEST NO.		(TESTED INTERVAL)		LEASE OWNER/COMPANY NAME	
LEGAL LOCATION SEC. - TWP. - RNG.		FIELD AREA		COOPER BASIN		COUNTY SOUTH AUSTRALIA		STATE AUSTRALIA PW	

00034

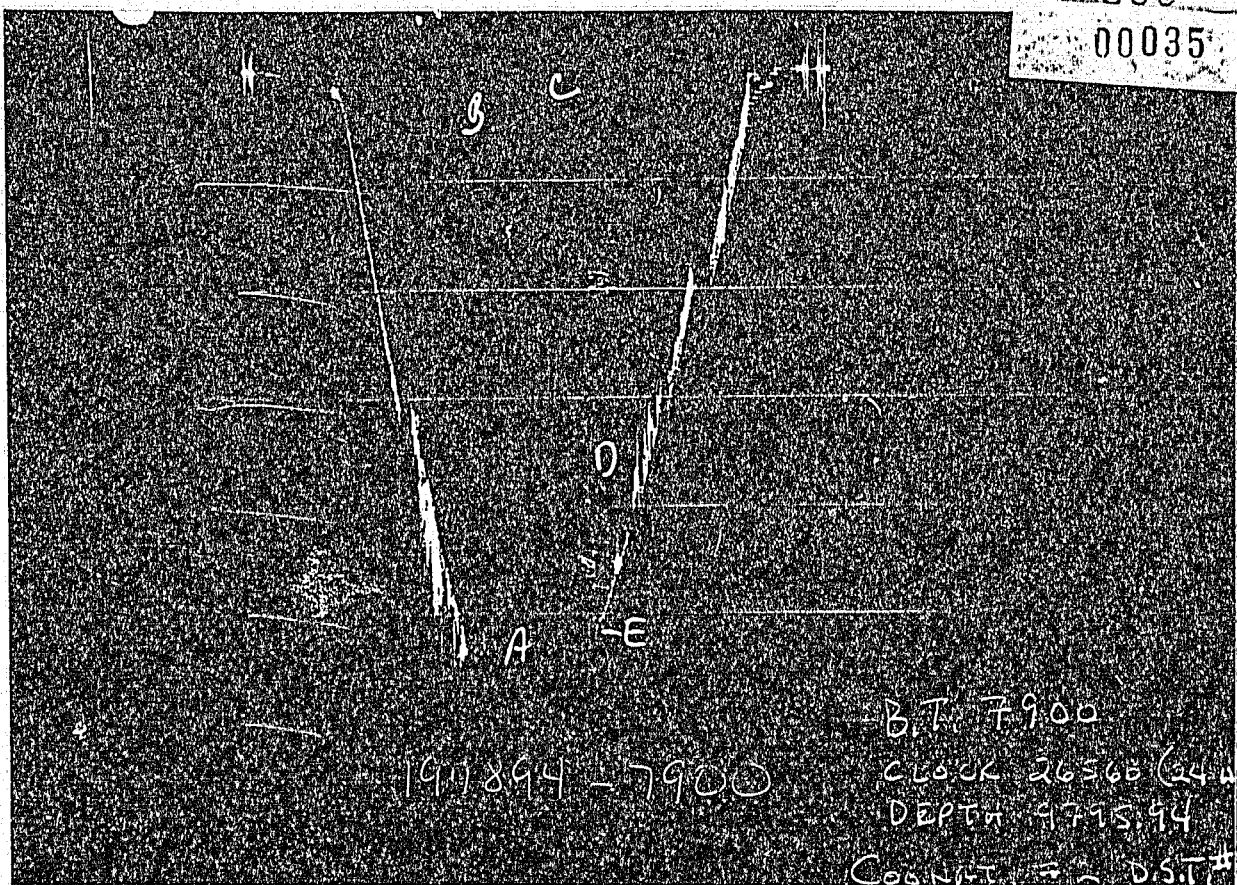


GAUGE NO: 7901 DEPTH: 9706.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC					
B	INITIAL FIRST FLOW		263.9			
C	FINAL FIRST FLOW		183.5	57.0	55.1	F
C	INITIAL FIRST CLOSED-IN		183.5			
D	FINAL FIRST CLOSED-IN		3652.2	50.0	47.6	C
E	FINAL HYDROSTATIC		5140.3			

900

00035



GAUGE NO: 7900 DEPTH: 9795.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC		5272.1			
B	INITIAL FIRST FLOW		352.2			
C	FINAL FIRST FLOW		198.9	57.0	55.0	F
C	INITIAL FIRST CLOSED-IN		198.9			
D	FINAL FIRST CLOSED-IN		3680.8	50.0	47.6	C
E	FINAL HYDROSTATIC		5171.8			

200
00036

EQUIPMENT & HOLE DATA

FORMATION TESTED: PATCHAVARRA
NET PAY (ft): _____
GROSS TESTED FOOTAGE: 70.0
ALL DEPTHS MEASURED FROM: KELLY BUSHING
CASING PERFS. (ft): _____
HOLE OR CASING SIZE (in): 8.500
ELEVATION (ft): 168
TOTAL DEPTH (ft): 9800.0
PACKER DEPTH(S) (ft): 9722. 9730
FINAL SURFACE CHOKE (in): 0.500
BOTTOM HOLE CHOKE (in): 0.750
MUD WEIGHT (lb/gal): 10.20
MUD VISCOSITY (sec): 42
ESTIMATED HOLE TEMP. (°F): _____
ACTUAL HOLE TEMP. (°F): 248 @ 9797.0 ft

TICKET NUMBER: 19789400
DATE: 5-30-82 TEST NO: 5
TYPE DST: OPEN HOLE
HALLIBURTON CAMP: MOOMBA
TESTER: A.C. GORE
WITNESS: ???
DRILLING CONTRACTOR: S & T RIG #16

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: _____
cu.ft. OF GAS: _____
cc OF OIL: _____
cc OF WATER: _____
cc OF MUD: _____
TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
GAS/OIL RATIO (cu.ft. per bbl): _____
GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED:

570 FEET OF GAS CUT RAT HOLE MUD.

MEASURED FROM
TESTER VALVE

REMARKS:

UNABLE TO READ INITIAL HYDROSTATIC PRESSURE ON
B.T. #7901.

800
00037

[illegible]

600
00038

TICKET NO: 19789400
CLOCK NO: 16055 HOUR: 24



GAUGE NO: 7901
DEPTH: 9706.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$	REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW											
B	1	0.0	263.9								
	2	9.0	186.3	-77.5							
	3	18.0	182.2	-4.2							
	4	27.0	181.9	-0.2							
	5	36.0	181.9	0.0							
	6	45.0	181.9	0.0							
C	7	55.1	183.5	1.5							
FIRST CLOSED-IN											
C	1	0.0	183.5								
	2	4.0	826.9	643.4	3.7	1.170					
	3	8.0	1829.8	1148.3	7.0	0.895					
	4	12.0	1743.2	1559.7	9.9	0.746					
	5	16.0	2105.0	1921.5	12.4	0.648					
	6	20.0	2409.2	2225.7	14.7	0.574					
	7	24.0	2662.0	2478.5	16.7	0.518					
	8	28.0	2899.8	2716.3	18.6	0.472					
	9	31.9	3102.4	2918.9	20.2	0.435					
	10	36.0	3263.0	3080.3	21.8	0.403					
	11	40.0	3424.9	3241.4	23.2	0.376					
	12	44.0	3568.6	3385.1	24.5	0.352					
D	13	47.6	3652.2	3468.7	25.5	0.334					

REMARKS:

OTO
00039

TICKET NO: 19789400
CLOCK NO: 26560 HOUR: 24



GAUGE NO: 7900
DEPTH: 9796.0

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	352.2			
2	9.0	243.9	-108.3		
3	18.0	204.4	-39.5		
4	27.0	200.9	-3.5		
5	36.0	197.6	-3.3		
6	45.0	197.6	0.0		
C 7	55.0	198.9	1.3		
FIRST CLOSED-IN					
C 1	0.0	198.9			
2	4.0	850.2	651.3	3.6	1.165
3	8.0	1338.0	1139.1	7.0	0.896
4	12.0	1727.9	1529.0	9.8	0.748
5	16.0	2072.2	1873.3	12.4	0.648
6	20.0	2372.4	2173.5	14.7	0.574
7	24.0	2660.2	2461.3	16.7	0.518
8	28.0	2906.6	2707.7	18.6	0.472
9	32.0	3105.0	2906.1	20.2	0.434
10	36.0	3284.5	3085.6	21.8	0.403
11	40.0	3437.3	3238.4	23.2	0.376
12	44.0	3571.4	3372.5	24.5	0.352
D 13	47.6	3680.8	3481.9	25.4	0.334

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$

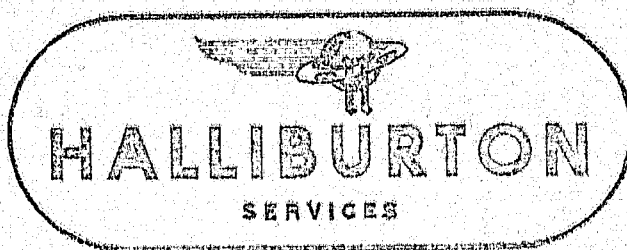
REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	5.000	4.276	9249.0	
4		FLEX WEIGHT.....	5.000	3.000	279.0	
97		RIG JAR.....	5.250	1.780	7.8	
4		FLEX WEIGHT.....	5.000	3.000	31.0	
5		CROSSOVER.....	6.500	2.562	3.0	
3		DRILL COLLARS.....	6.500	2.563	123.4	
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	9663.0
3		DRILL COLLARS.....	6.500	2.563	31.0	
5		CROSSOVER.....	5.750	2.625	1.0	
12		DUAL CHECK VALVE.....	5.000	0.870	4.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.3	9700.0
60		AP RUNNING CASE.....	5.000	2.250	4.1	9706.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	9722.0
18		DISTRIBUTOR VALVE.....	5.000	1.660	2.0	
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	9730.0
19		ANCHOR PIPE SAFETY JOINT.....	5.000	1.500	4.3	
5		CROSSOVER.....	5.750	2.437	1.2	
3		DRILL COLLARS.....	6.500	2.562	31.6	
5		CROSSOVER.....	5.750	2.437	0.9	
21		PERFORATED TAIL PIPE.....	5.000	2.370	27.0	
81		BLANKED-OFF RUNNING CASE.....	5.000	2.440	4.1	9796.0
TOTAL DEPTH					9800.0	

EQUIPMENT DATA

090

00041



TICKET NO. 19794900

16-AUG-82

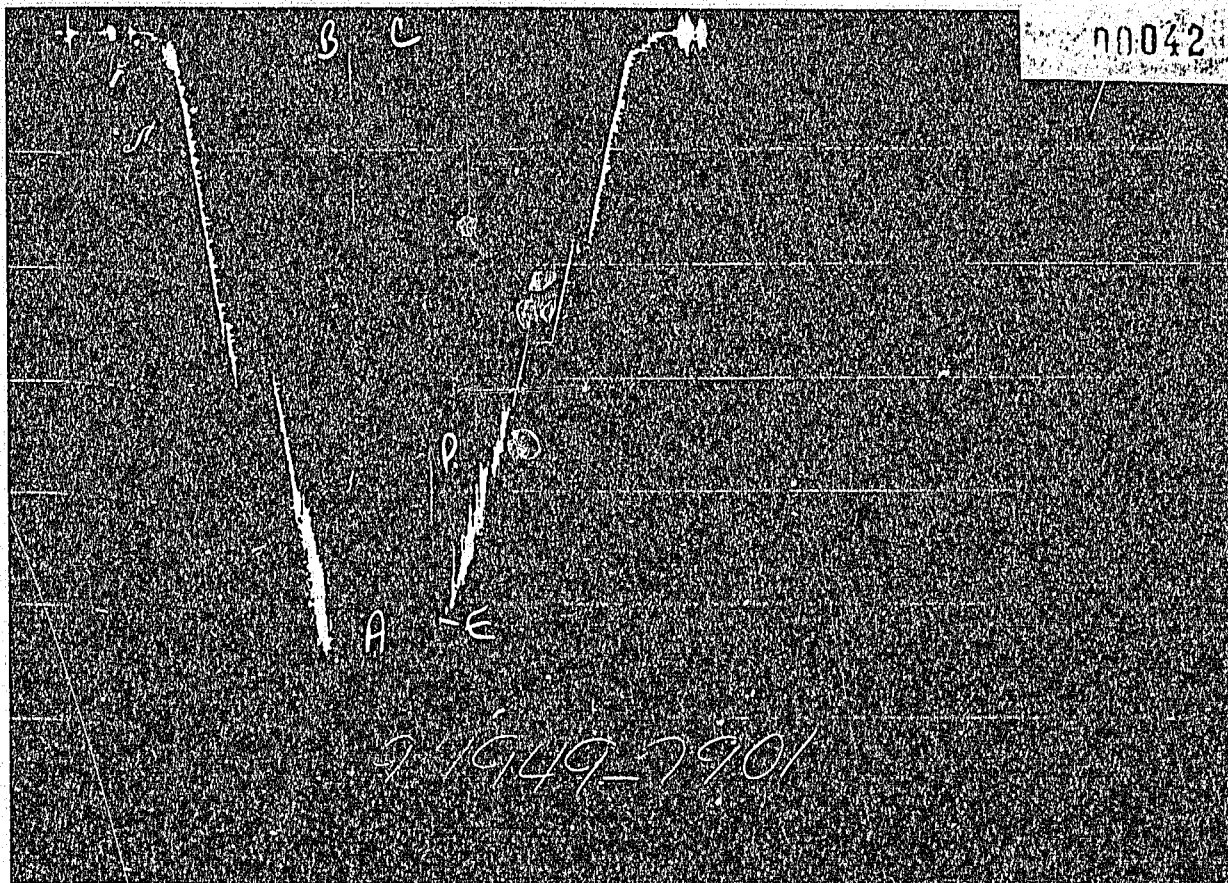
ADELAIDE

FORMATION TESTING SERVICE REPORT

COONATIE		2	6	5813.1 - 9834.1	SINIOS, LIMITED	
LEASE NAME		WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME	
LEGAL LOCATION	SEE REMARKS	FIELD AREA	COOPER BASIN	COUNTRY	SOUTH AUSTRALIA	STATE
SFC. - TYP. - RING.						AUSTRALIA SWSN

790

00042

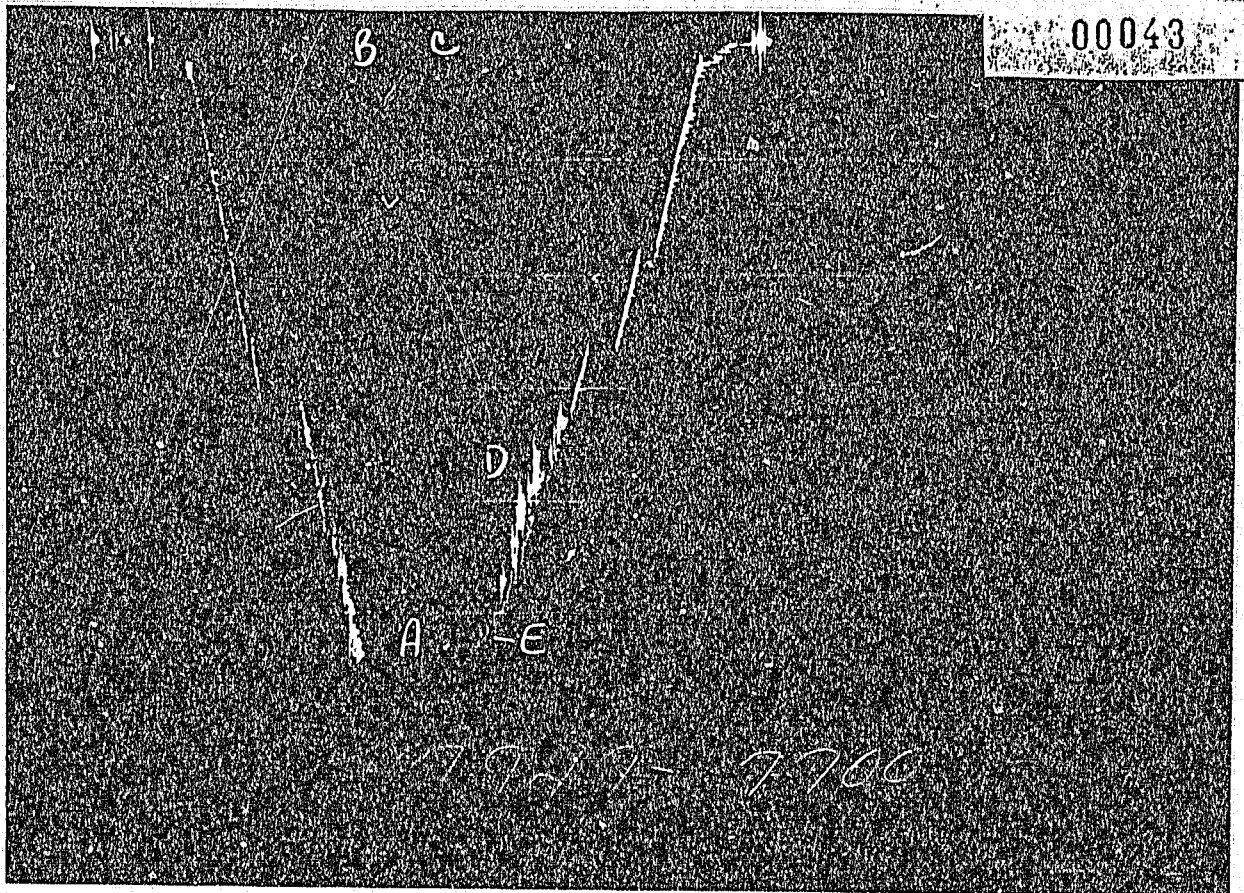


GAUGE NO: 7501 DEPTH: 1932.11 PLANNED OFF: 100 HOUR OF CLOCK: 134

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	ADJUSTED	REPORTED	ADJUSTED	
A	INITIAL HYDROSTATIC	5209.8				
B	INITIAL FIRST FLOW	87.7		47.0	46.3	F
C	FINAL FIRST FLOW	82.2				
C	INITIAL FIRST CLOSED-IN	82.3		45.0	45.7	C
D	FINAL FIRST CLOSED-IN	3321.6				
E	FINAL HYDROSTATIC	5134.5				

790

00043



GRUPE NO. 2421 DEPTH: 9000.0 PLANNED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		RECORDED	UNRECORDED	RECORDED	UNRECORDED	
A	INITIAL HYDROSTATIC	5242.4				
B	INITIAL FIRST FLOW	119.5				
C	FINAL FIRST FLOW	87.7		47.0	46.3	F
C	INITIAL FIRST CLOSED-IN	87.7				
D	FINAL FIRST CLOSED-IN	3648.9		45.0	45.7	C
E	FINAL HYDROSTATIC	5206.1				

890
00044

EQUIPMENT & HOLE DATA

FORMATION TESTED: PATCHAWARRA
 NET PAY (ft): _____
 GROSS TESTED FOOTAGE: 20.9
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): NONE
 HOLE OR CASING SIZE (in): 8.500
 ELEVATION (ft): 168
 TOTAL DEPTH (ft): 9834.0
 PACKER DEPTH(S) (ft): 9805. 9813
 FINAL SURFACE CHOKE (in): 0.500
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 10.20
 MUD VISCOSITY (sec): 42
 ESTIMATED HOLE TEMP. (°F): 248
 ACTUAL HOLE TEMP. (°F): 250 @ 9829.9 ft

TICKET NUMBER: 19794900

DATE: 5-31-82 TEST NO: 6

TYPE DST: OPEN HOLE

HALLIBURTON CAMP: ADELAIDE

TESTER: RED SKINNER

WITNESS: _____

DRILLING CONTRACTOR: S & T #16

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Patg AT SURFACE: _____
 cu.ft. OF GAS: _____
 cc OF OIL: _____
 cc OF WATER: _____
 cc OF MUD: _____
 TOTAL LIQUID cc: _____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 0 °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED:

260 FEET OF RAT HOLE MUD

MEASURED FROM
TESTER VALVE

REMARKS:

GAS TO THE SURFACE IN 6 MINUTES, MAXIMUM PRESSURE 18 PSI.

LEGAL LOCATION IS LATITUDE 27 DEGREES, 28', 20.6" S AND LONGITUDE 140 DEGREES, 20', 30.6" E

[illegible]

590
00046

TICKET NO: 19794900

CLOCK NO: 7407 HOUR: 24



GAUGE NO: 7901

DEPTH: 9790.1

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	87.7			
2	5.0	67.6	-20.0		
3	10.0	61.7	-5.9		
4	15.0	61.0	-0.7		
5	20.0	61.0	0.0		
6	25.0	61.0	0.0		
7	30.0	63.2	2.2		
8	35.0	75.6	12.3		
9	40.0	82.4	6.8		
10	45.0	83.9	1.5		
C 11	46.3	82.8	-1.1		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$

FIRST CLOSED-IN

C 1	0.0	82.8			
2	4.0	679.1	596.3	3.7	1.099
3	8.0	1231.1	1148.3	6.8	0.632
4	12.0	1673.0	1590.2	9.5	0.686
5	16.0	2021.0	1938.1	11.0	0.591
6	20.0	2346.9	2264.1	14.0	0.520
7	24.0	2619.0	2536.2	15.8	0.467
8	28.0	2853.1	2770.2	17.4	0.424
9	32.0	3067.5	2984.6	18.9	0.398
10	36.0	3254.4	3171.5	20.3	0.359
11	40.0	3421.4	3338.6	21.4	0.334
12	44.0	3573.6	3490.8	22.6	0.312
D 13	45.7	3621.6	3533.8	23.0	0.308

REMARKS:

990
00047

TICKET NO: 19794900

CLOCK NO: 6596 HOUR: 24



GAUGE NO: 7900

DEPTH: 9830.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	119.5			
2	5.0	87.3	-32.2		
3	10.0	73.2	-14.0		
4	15.0	72.1	-1.1		
5	20.0	70.2	-2.0		
6	25.0	70.2	0.0		
7	30.0	73.0	2.9		
8	35.0	82.0	9.0		
9	40.0	87.7	5.7		
10	45.0	88.4	0.7		
C 11	46.3	87.7	-0.7		
FIRST CLOSED-IN					
C 1	0.0	87.7			
2	4.0	721.5	633.8	3.7	1.100
3	8.0	1271.6	1183.9	5.8	0.831
4	12.0	1709.8	1622.1	9.5	0.605
5	16.0	2053.8	1966.1	11.9	0.591
6	20.0	2350.9	2271.1	14.0	0.520
7	24.0	2655.6	2567.9	15.8	0.467
8	28.0	2834.9	2797.2	17.4	0.424
9	32.0	3085.4	3007.7	18.9	0.389
10	36.0	3281.2	3193.5	20.2	0.369
11	40.0	3444.5	3358.8	21.5	0.334
12	44.0	3595.9	3508.1	22.6	0.312
D 13	45.7	3643.9	3561.2	23.0	0.303

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$

REMARKS:

790
00048

TICKET NO. 19794900

		O.D.	I.D.	LENGTH	DEPTH
1		5.000	4.276	9285.0	
97		5.000	3.000	305.7	
3		6.500	2.810	156.4	
50		6.000	3.000	1.0	9747.6
3		6.500	2.810	30.9	
5		5.750	2.750	1.0	
12		5.000	0.870	4.9	
60		5.000	0.750	5.8	9789.1
80		5.000	2.250	4.1	9790.1
15		5.000	1.750	5.0	
16		5.000	1.000	2.8	
70		7.500	1.530	5.8	9805.3
18		5.000	1.080	2.0	
70		7.500	1.530	5.8	9813.1
19		5.000	1.500	4.9	
20		5.000	2.370	10.0	
81		5.000	2.440	4.1	9830.0
TOTAL DEPTH					9834.0
EQUIPMENT DATA					