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NUMBER 5903

PPL 7

EROMANGA BASIN AND COOPER BASIN

MOOMBA NORTH 2

TEST REPORTS

Submitted by

**Delhi Petroleum Pty Ltd
1985**

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**MINES AND ENERGY
SOUTH AUSTRALIA**



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Mines and Energy South Australia, PO Box 151, Eastwood, SA 5063

Enquiries: Records Management

**Mines and Energy South Australia
191 Greenhill Road, Parkside 5063**

**Telephone: (08) 274 7687
Facsimile: (08) 272 7597**

ENVELOPE 5903

TENEMENT: PPL 7; Eromanga and Cooper Basins

TENEMENT HOLDER: Delhi Petroleum Pty Ltd (operator), Santos Ltd, Vamgas Ltd and South Australian Oil and Gas Corp. Pty Ltd

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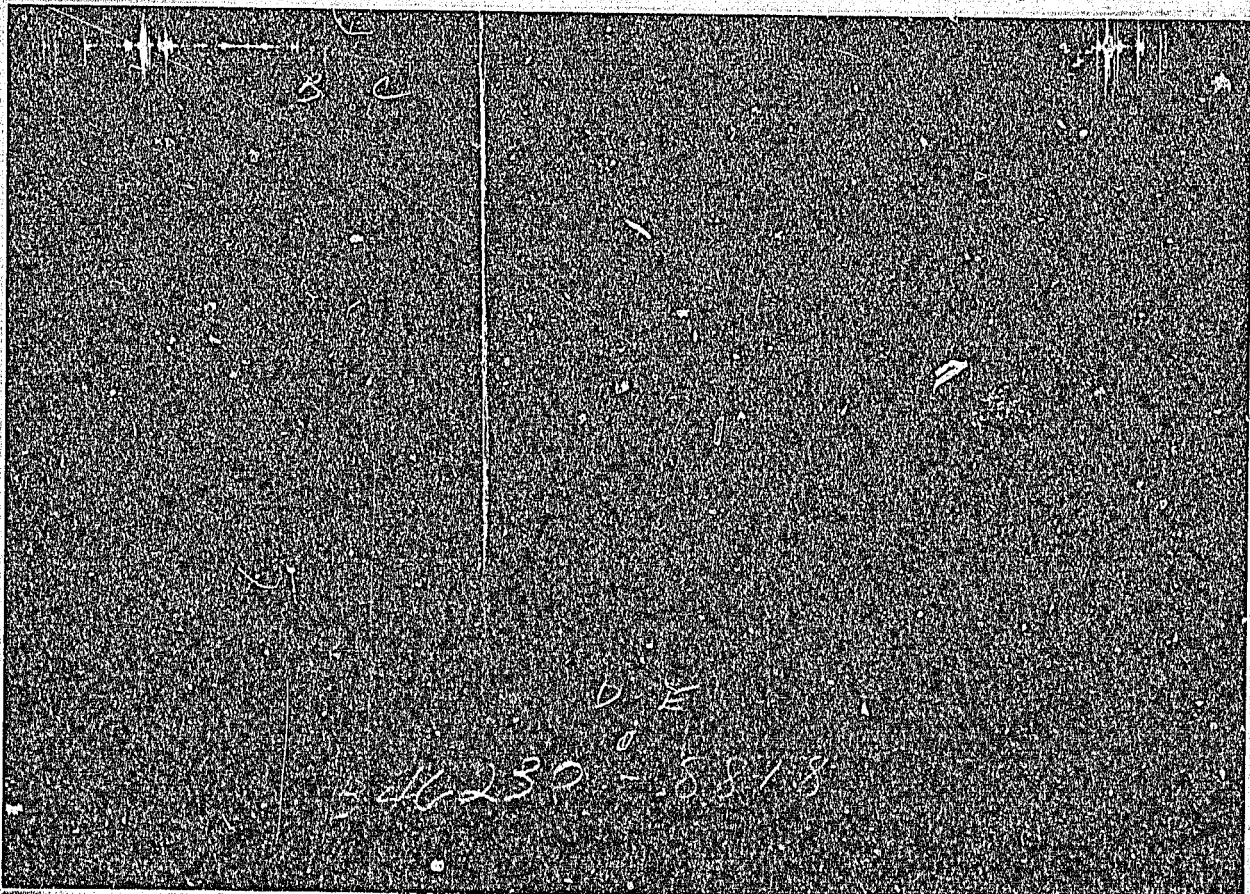


TICKET NO. 34623000
17-JUL-65
MOOMBA

FORMATION TESTING SERVICE REPORT

LEGAL LOCATION		WELL NO.		TEST NO.	TESTED INTERVAL		LEASING OWNER/COMPANY NAME	
MOOMBA NORTH		2		1	8129.8 - 8170.0		DELHI/SANIOS	
LEASE NAME		SEE REMARKS		FIELD AREA	COOPER BASIN		COUNTRY	STATE
SEC. - TWP. - RANG.							SOUTH AUSTRALIA	AUSTRALIA
							IC	

000004

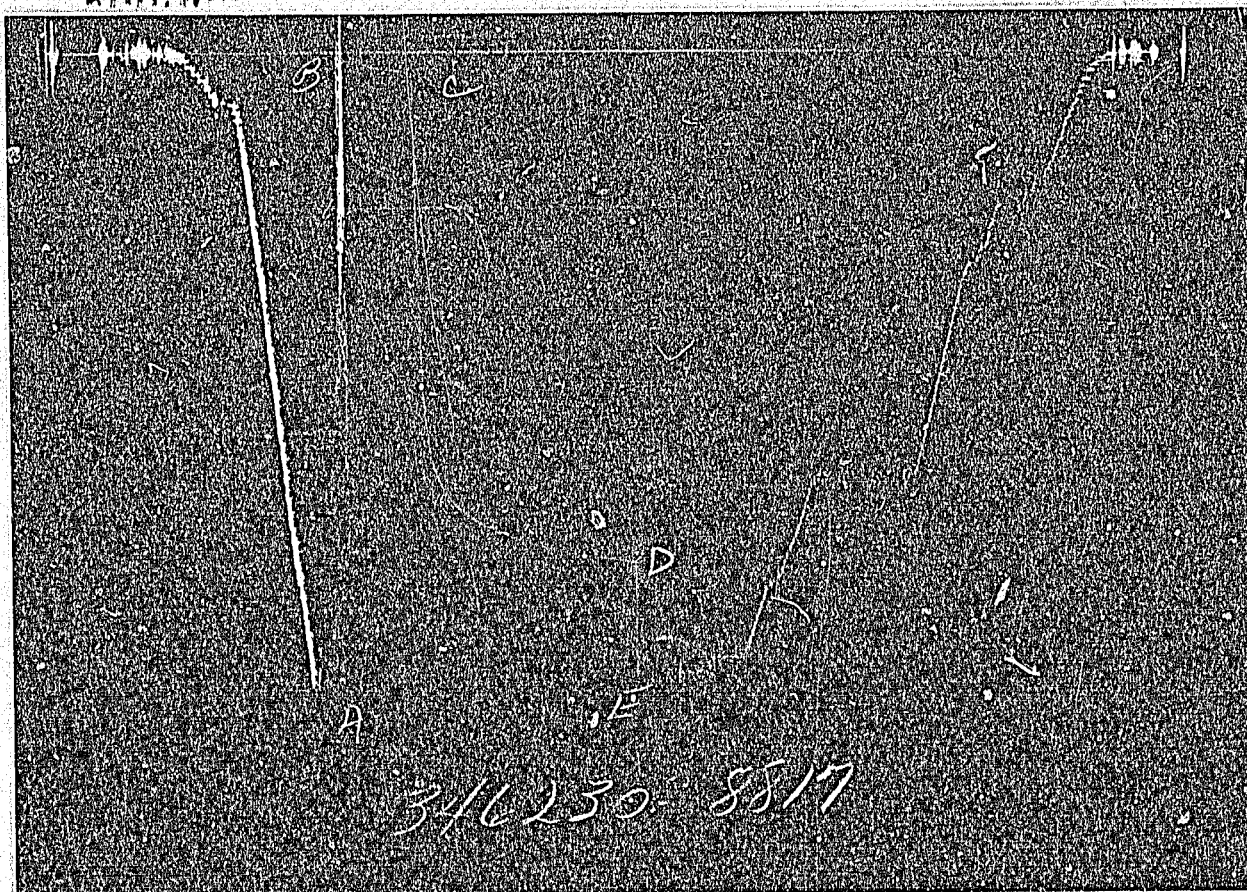


GAUGE NO: 8818 DEPTH: 8086.0 BLANKED OFF: NO

24

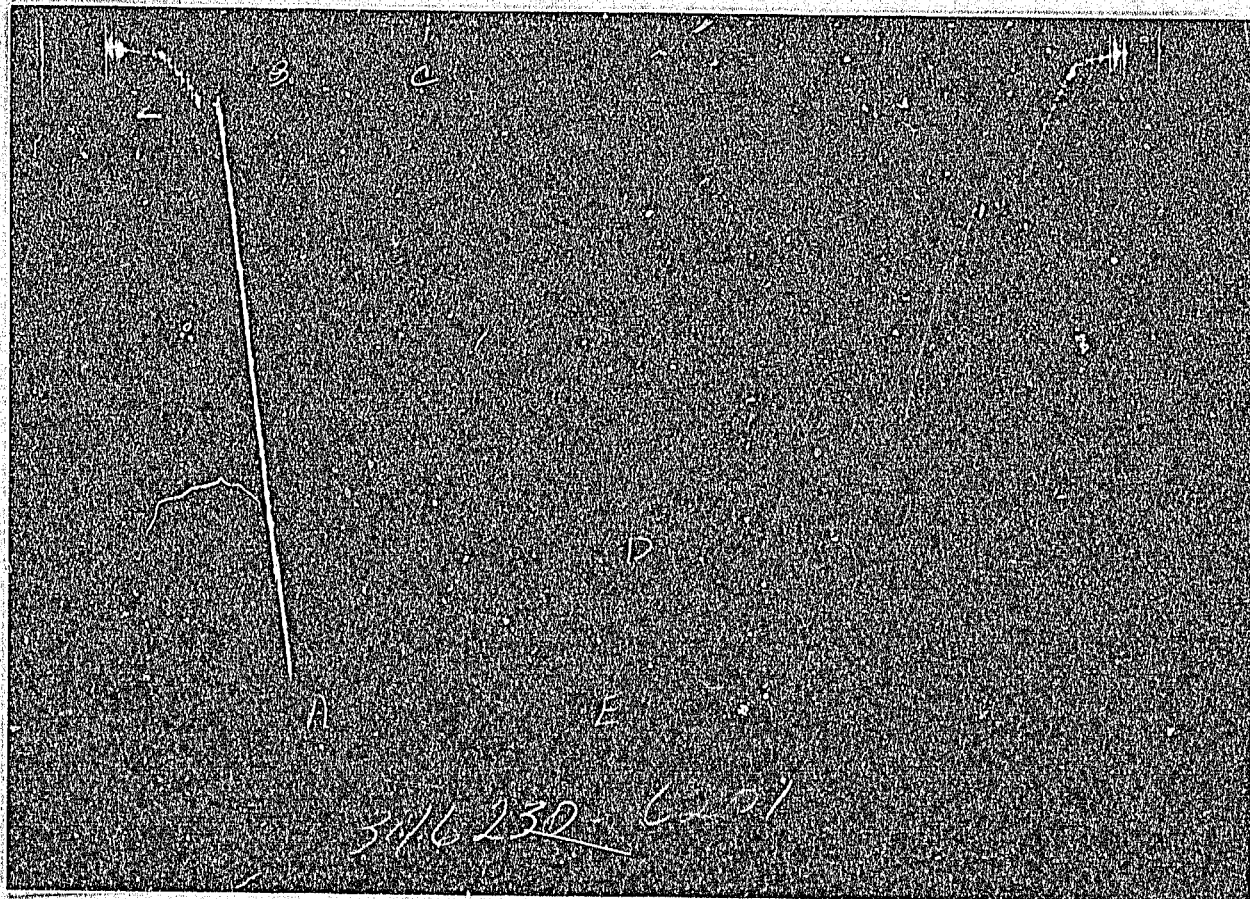
ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC					
B	INITIAL FIRST FLOW	54	41.5	91.0	86.0	F
C	FINAL FIRST FLOW		117.7			
C	INITIAL FIRST CLOSED-IN		117.7	270.0	275.0	C
D	FINAL FIRST CLOSED-IN		4105.8			
E	FINAL HYDROSTATIC		4125.2			

000005

GAUGE NO: 8817 DEPTH: 8107.1 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4164	4152.6			
B	INITIAL FIRST FLOW	74	73.5	91.0	86.0	F
C	FINAL FIRST FLOW	187	137.3			
C	INITIAL FIRST CLOSED-IN	187	137.3	270.0	275.0	C
D	FINAL FIRST CLOSED-IN	3389	3388.1			
E	FINAL HYDROSTATIC	4131	4139.6			

000006



GAUGE NO: 6201 DEPTH: 8167.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4185	4178.1			
B	INITIAL FIRST FLOW	103	105.0	91.0	86.0	F
C	FINAL FIRST FLOW	208	153.0			
C	INITIAL FIRST CLOSED-IN	208	153.0	270.0	275.0	C
D	FINAL FIRST CLOSED-IN	3404	3404.5			
E	FINAL HYDROSTATIC	4156	4167.9			

000007

EQUIPMENT & HOLE DATA

FORMATION TESTED: TOOLACHEENET PAY (ft): 16.0GROSS TESTED FOOTAGE: 40.2ALL DEPTHS MEASURED FROM: KELLY BUSHING

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 8.500ELEVATION (ft): 144.0TOTAL DEPTH (ft): 8170.0PACKER DEPTH(S) (ft): 8122, 8130FINAL SURFACE CHOKE (in): 0.50000BOTTOM HOLE CHOKE (in): 0.750MUD WEIGHT (lb/gal): 9.50MUD VISCOSITY (sec): 42

ESTIMATED HOLE TEMP. (°F): _____

ACTUAL HOLE TEMP. (°F): 296 @ 8166.0 ftTICKET NUMBER: 34623000DATE: 3-24-85 TEST NO: 1TYPE DST: OPEN HOLEHALLIBURTON CAMP:
MOOMBATESTER: P. BATESWITNESS: R. WARRAWADRILLING CONTRACTOR:
RICHTER RIG #14FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE

RESISTIVITY

CHLORIDES

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

SAMPLER DATA

Pslg 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: 0.750

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

110 FEET OF MUD

MEASURED FROM
TESTER VALVE

REMARKS:

DRILL PIPE FOUND TO BE PLUGGED SOLID APPROXIMATELY 720' ABOVE THE TOOLS.

LEGAL LOCATION: LAT. 28 DEG., 03', .9"S; LONG. 140 DEG., 15', 31.1"E.

CHART FROM TOP GAUGE, B.T. #8818, INDICATES COMMUNICATION OF ANNULUS PSI INTO DRILL PIPE ABOUT 1/3 OF WAY THROUGH THE CIP. HOWEVER, THE JOB LOG DOES NOT INDICATE A REVERSING VALVE BEING OPENED AT THIS TIME.

NOTE: TEST DATE IS 24 MARCH, 1985.

000008 270

TYPE & SIZE MEASURING DEVICE: 6" SURFACE CERAMIC CHOKE					TICKET NO: 34623000
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
3-23-85					
1245					LOADED B.T.'S
1250					STARTED PICKING UP TOOLS
1455					STARTED IN HOLE
1600					MADE UP HEAD
1815					TAGGED BOTTOM
1823					SET PACKERS
1827	BH				OPENED TOOL-CHOKE CLOSED-WEAK
					TO MODERATE BLOW
1828	.5	0			STRONG BLOW-OPENED CHOKE
1832		2			GAS TO SURFACE
1834		3			
1836		4			
1838		5			
1840		6			
1845		12			
1850		16			
1855		18			
1900		22			
1910		26			
1920		30			
1930		32			
1940		32+			
1958	0	32			CLOSED TOOL
3-24-85					
0028					OPENED BYPASS AND PULLED FREE
0032					DROPPED REVERSING BAR-NO EFFECT
0049					PRESSURED UP DRILL PIPE TO SHEAR
					PUMP OUT
0112					HAD 4000 PSI ON DRILL PIPE - NO
					EFFECT - BLEED OFF
0117					ROTATED DCIP TO REVERSE POSITION
					AND STILL UNABLE TO REVERSE
					CIRCULATE
0125					BROKE DOWN SURFACE EQUIPMENT
0145					STARTED OUT OF HOLE
1025					STARTED BREAKING OUT TOOLS

000009

[illegible]

000010

TICKET NO: 54623000
CLOCK NO: 32062 HOUR: 24



GAUGE NO: 8818
DEPTH: 8086.0

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	41.5			
2	10.0	39.8	-1.6		
3	20.0	43.9	4.0		
4	30.0	56.3	12.7		
5	40.0	68.4	11.8		
6	50.0	76.8	8.4		
7	60.0	84.4	7.6		
8	70.0	87.4	3.1		
9	80.0	92.1	4.7		
C 10	86.0	117.7	25.6		
FIRST CLOSED-IN					
C 1	0.0	117.7	-		
D 2	275.0	4105.8	3988.1	65.5	0.118

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

REMARKS:

010000

000011

TICKET NO: 34623000

CLOCK NO: 26547 HOUR: 24

HALLIBURTON
SERVICES

GAUGE NO: 8817

DEPTH: 8107.1

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	78.5			
2	10.0	59.9	-19.7		
3	20.0	60.3	6.5		
4	30.0	82.1	21.8		
5	40.0	98.5	16.5		
6	50.0	105.6	7.1		
7	60.0	112.4	6.8		
8	70.0	116.9	4.5		
9	80.0	120.0	3.1		
C 10	86.0	137.3	17.3		

FIRST CLOSED-IN					
C 1	0.0	137.3			
2	1.0	148.1	10.8	1.0	1.940
3	2.0	163.7	26.5	2.0	1.644
4	3.0	176.6	39.4	2.9	1.477
5	4.0	198.4	61.1	3.8	1.356
6	5.0	390.8	253.5	4.7	1.260
7	6.0	718.4	581.2	5.6	1.186
8	7.0	1008.2	870.8	6.4	1.125
9	8.0	1316.7	1179.4	7.3	1.070
10	9.0	1504.4	1367.1	8.1	1.025
11	9.9	1692.7	1555.5	8.9	0.985
12	12.0	1999.2	1861.9	10.5	0.913
13	14.0	2216.3	2079.0	12.0	0.855
14	16.0	2370.3	2233.1	13.5	0.804
15	18.0	2467.3	2330.0	14.9	0.763
16	20.0	2555.8	2418.5	16.2	0.725
17	22.0	2626.0	2488.7	17.5	0.691
18	24.0	2678.1	2540.8	18.7	0.662
19	26.0	2726.1	2588.9	19.9	0.635
20	28.0	2760.2	2622.9	21.1	0.610
21	30.0	2792.7	2655.5	22.3	0.587
22	35.0	2858.2	2721.0	24.9	0.539
23	40.0	2910.5	2773.2	27.3	0.498
24	45.0	2948.4	2811.1	29.5	0.464
25	50.0	2982.7	2845.5	31.6	0.435
26	55.0	3011.2	2873.9	33.5	0.409
27	60.0	3036.7	2899.4	35.4	0.386
28	70.0	3079.7	2942.4	38.6	0.348
29	80.0	3115.9	2978.7	41.5	0.317
30	90.0	3145.1	3007.9	44.0	0.291
31	100.0	3171.8	3034.5	46.2	0.270
32	110.0	3191.2	3054.0	48.3	0.251
33	120.0	3213.0	3075.7	50.1	0.235
34	135.0	3241.2	3104.0	52.5	0.214
35	150.0	3264.8	3127.5	54.7	0.197
36	165.0	3287.7	3150.4	56.5	0.182
37	180.0	3307.0	3169.7	58.2	0.170
38	195.0	3322.6	3185.5	59.7	0.159

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST CLOSED-IN - CONTINUED					
39	210.0	3337.3	3200.1	61.0	0.149
40	225.0	3350.8	3213.6	62.2	0.141
41	240.0	3363.3	3226.1	63.3	0.133
42	255.0	3375.3	3238.1	64.3	0.126
43	270.0	3385.6	3248.3	65.2	0.120
D 44	275.0	3388.1	3250.9	65.5	0.118

REMARKS:

970
000012

TICKET NO: 34623000

CLOCK NO: 7023 HOUR: 24

HALLIBURTON
SERVICES

GAUGE NO: 6201

DEPTH: 8167.0

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	105.0			
2	10.0	70.8	-34.2		
3	20.0	74.0	3.2		
4	30.0	97.2	23.2		
5	40.0	113.8	16.7		
6	50.0	121.8	8.0		
7	60.0	128.7	6.8		
8	70.0	132.8	4.2		
9	80.0	135.7	2.8		
C 10	86.0	153.0	17.3		

FIRST CLOSED-IN					
C 1	0.0	153.0			
2	1.0	167.3	14.3	1.0	1.936
3	2.0	183.3	30.3	2.0	1.633
4	3.0	197.8	44.8	2.9	1.469
5	4.0	331.5	178.5	3.8	1.352
6	5.0	619.9	466.9	4.7	1.262
7	6.0	890.8	737.8	5.6	1.184
8	7.0	1150.8	997.8	6.5	1.123
9	8.0	1370.6	1217.6	7.3	1.071
10	9.0	1585.4	1432.4	8.1	1.024
11	10.0	1760.8	1607.8	8.9	0.984
12	12.0	2060.6	1907.6	10.5	0.913
13	14.0	2252.9	2099.9	12.0	0.854
14	16.0	2389.2	2236.2	13.5	0.804
15	18.0	2490.8	2337.8	14.9	0.762
16	20.0	2575.4	2422.4	16.2	0.725
17	22.0	2642.2	2489.2	17.5	0.691
18	24.0	2692.9	2539.9	18.7	0.662
19	26.0	2738.0	2585.0	20.0	0.634
20	28.0	2774.6	2621.6	21.1	0.610
21	30.0	2805.1	2652.1	22.3	0.587
22	35.0	2872.3	2719.3	24.0	0.539
23	40.0	2922.6	2769.6	27.3	0.498
24	45.0	2962.4	2809.4	29.6	0.464
25	50.0	2993.4	2840.4	31.6	0.435
26	55.0	3022.4	2869.4	33.5	0.409
27	60.0	3047.7	2894.7	35.3	0.386
28	70.0	3089.2	2936.2	38.6	0.348
29	80.0	3126.2	2973.2	41.5	0.317
30	90.0	3155.3	3002.3	44.0	0.291
31	100.0	3181.6	3028.6	46.3	0.270
32	110.0	3206.1	3053.1	48.3	0.251
33	120.0	3227.2	3074.2	50.1	0.235
34	135.0	3255.0	3102.0	52.5	0.214
35	150.0	3279.3	3126.3	54.7	0.197
36	165.0	3301.5	3148.5	56.5	0.182
37	180.0	3320.2	3167.2	58.2	0.170
38	195.0	3337.6	3184.6	59.7	0.159

REF	MINUTES	PRESSURE	ΔP	$\frac{1 \times \Delta t}{1 + \Delta t}$	$\log \frac{1 + \Delta t}{\Delta t}$
FIRST CLOSED-IN - CONTINUED					
39	210.0	3352.5	3199.5	61.0	0.149
40	225.0	3366.4	3213.4	62.2	0.141
41	240.0	3380.0	3227.0	63.3	0.133
42	255.0	3391.4	3238.4	64.3	0.126
43	270.0	3401.3	3248.3	65.2	0.120
D 44	275.0	3404.5	3251.5	65.5	0.118

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	7473.2	
4		FLEX WEIGHT.....	4.500	2.810	179.9	
3		DRILL COLLARS.....	6.500	2.810	350.5	
51		PUMP OUT REVERSING SUB.....	6.000	3.000	1.0	7999.6
3		DRILL COLLARS.....	6.500	2.810	59.4	
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	8054.0
3		DRILL COLLARS.....	6.500	2.810	29.5	
5		CROSSOVER.....	5.750	2.500	1.0	
80		AP RUNNING CASE.....	5.000	2.250	4.1	8086.0
5		CROSSOVER.....	5.000	2.250	1.0	
12		DUAL CIP VALVE.....	5.000	0.870	4.9	
97		SAMPLE CHAMBER.....	5.000	2.500	4.9	8095.1
33		DRAIN VALVE.....	5.000	2.200	0.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.3	8105.6
80		AP RUNNING CASE.....	5.000	2.250	4.1	8107.1
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	8122.0
18		DISTRIBUTOR VALVE.....	5.000	1.680	2.0	
70		OPEN HOLE PACKER.....	7.500	1.530	5.8	8129.8
19		ANCHOR PIPE SAFETY JOINT.....	5.000	1.500	4.3	
20		FLUSH JOINT ANCHOR.....	5.000	2.370	30.0	
81		BLANKED-OFF RUNNING CASE.....	5.000		4.1	8167.0
TOTAL DEPTH					8170.0	

EQUIPMENT DATA

EQUIPMENT DATA

END

OF

REPORT

000014



TICKET NO. 34623200
31-MAY-85
MOOMBA

FORMATION TESTING SERVICE REPORT

LEGAL LOCATION SEC. - TWP. - RANG.	MOOMBA NORTH	WELL NO.	2	TEST NO.	2	TESTED INTERVAL	9611.0 - 9654.0	DELHI PETROLEUM PVT LIMITED
SEE REMARKS								LEASE OWNER/COMPANY NAME
FIELD AREA								
COOPER BASIN								
COUNTY SOUTH AUSTRALIA								
STATE AUSTRALIA								TC

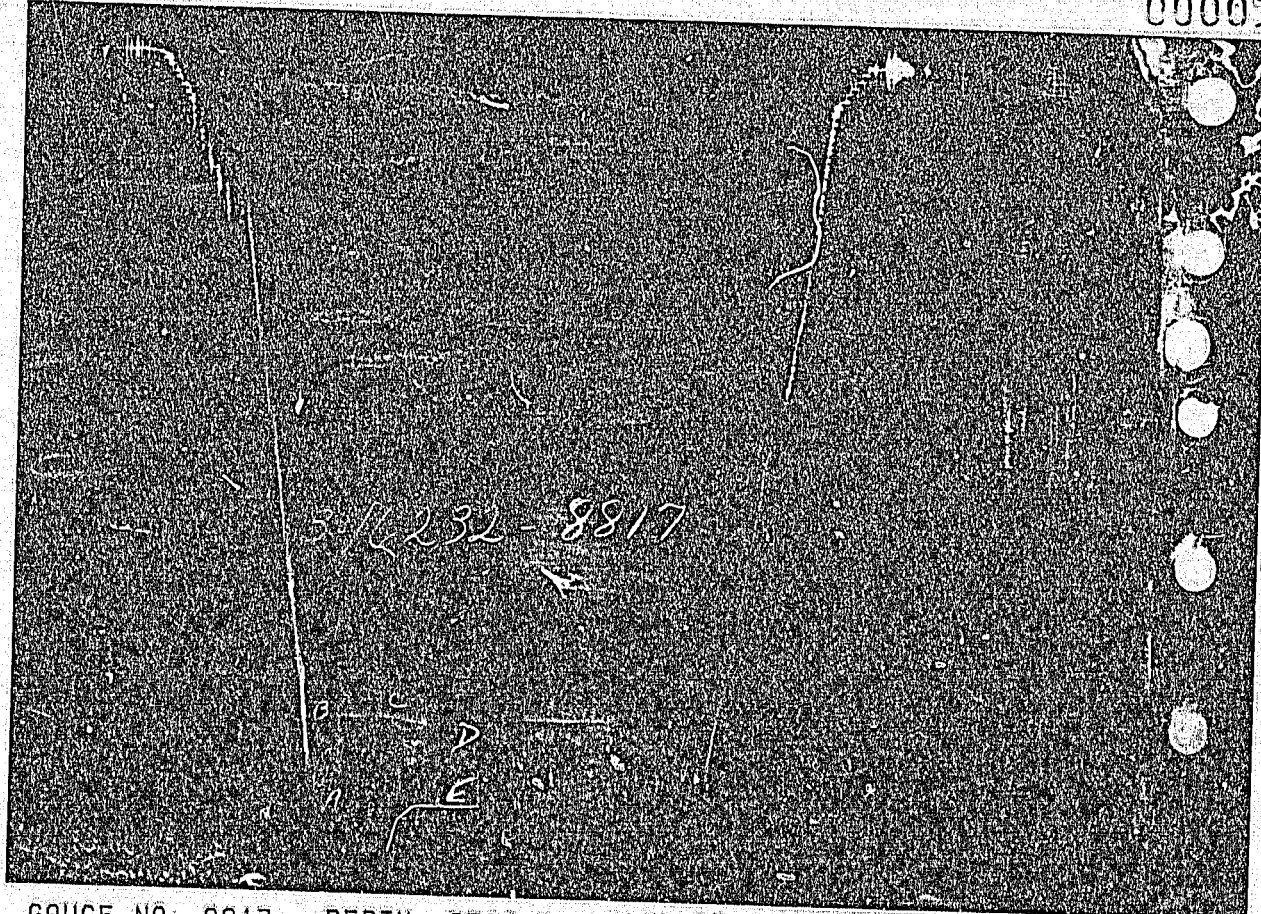
000095

GAUGE NO: 1814 DEPTH: 9568.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4937				
B	INITIAL FIRST FLOW	4994	4996.0			
C	FINAL FIRST FLOW	4971	4969.8	60.0	60.0	F
C	INITIAL FIRST CLOSED-IN	4971	4969.8			
D	FINAL FIRST CLOSED-IN	4977	4973.4	116.0	116.0	C
E	FINAL HYDROSTATIC	4957	5376.9			

210000

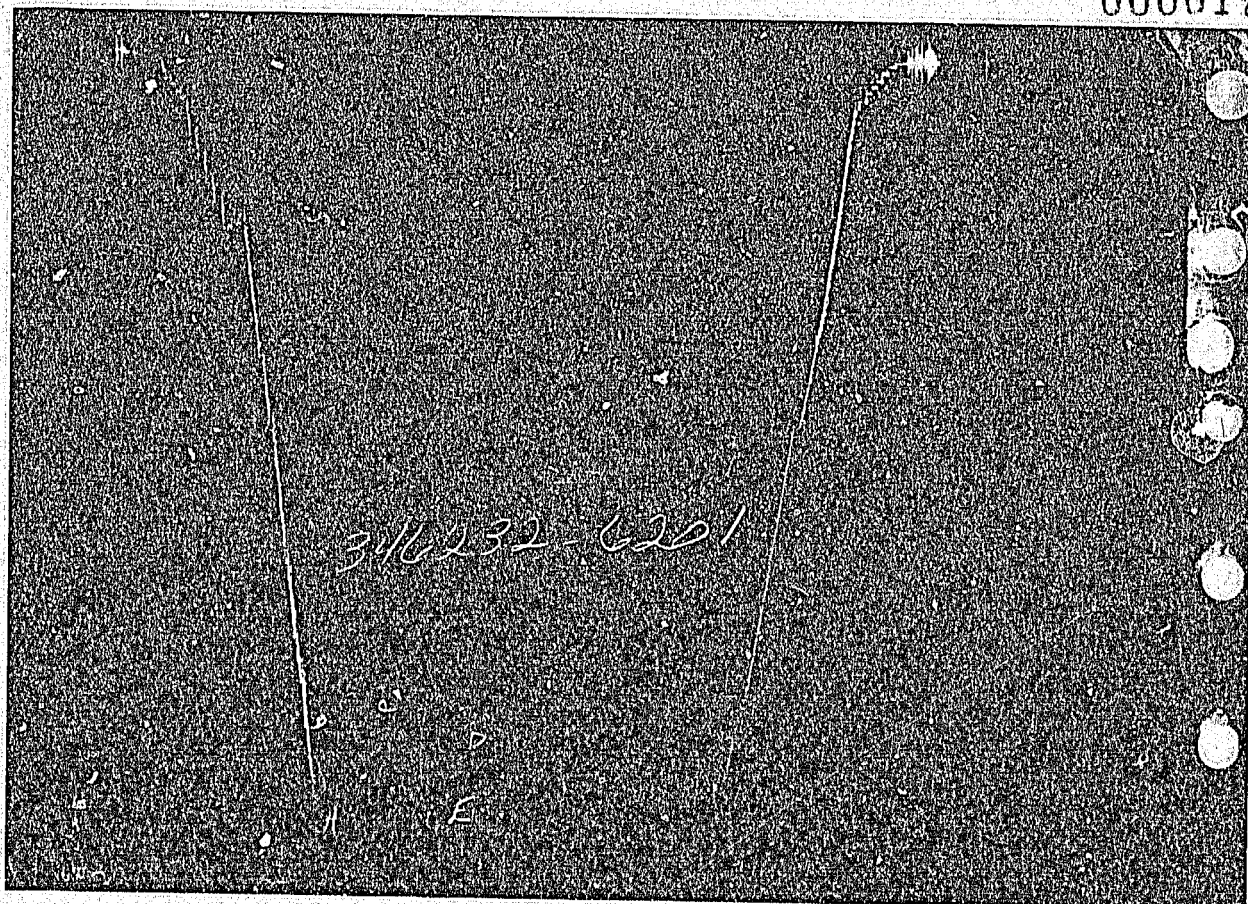
000016



GAUGE NO: 8817 DEPTH: 9588.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	5458	5470.5			
B	INITIAL FIRST FLOW	5014	5027.1			
C	FINAL FIRST FLOW	4995	5003.4	60.0	60.0	F
C	INITIAL FIRST CLOSED-IN	4995	5003.4			
D	FINAL FIRST CLOSED-IN	5306	5310.1	116.0	116.0	C
E	FINAL HYDROSTATIC	5347	5395.3			

000017



GAUGE NO: 6201 DEPTH: 9651.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	5432	5466.8			
B	INITIAL FIRST FLOW	5008	5019.3			
C	FINAL FIRST FLOW	4988	5000.3	60.0	60.0	F
C	INITIAL FIRST CLOSED-IN	4988	5000.3			
D	FINAL FIRST CLOSED-IN	5303	5310.6	116.0	116.0	C
E	FINAL HYDROSTATIC	5361	5404.8			

000018

EQUIPMENT & HOLE DATA

FORMATION TESTED: PATCHAWARRA

NET PAY (ft): _____

GROSS TESTED FOOTAGE: 43.0ALL DEPTHS MEASURED FROM: KELLY BUSHING

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 8.500ELEVATION (ft): 144.0TOTAL DEPTH (ft): 9654.0PACKER DEPTH(S) (ft): 9603, 9611FINAL SURFACE CHOKE (in): 0.50000BOTTOM HOLE CHOKE (in): 0.750MUD WEIGHT (lb/gal): 10.80MUD VISCOSITY (sec): 45

ESTIMATED HOLE TEMP. (°F): _____

ACTUAL HOLE TEMP. (°F): 348 @ 9650.0 ftTICKET NUMBER: 34623200DATE: 4-1-85 TEST NO: 2TYPE DST: OPEN HOLE

HALLIBURTON CAMP:

MOOMBATESTER: P. BATESR. BLATTWITNESS: R. WARRAWAH

DRILLING CONTRACTOR:

RICHTER RIG #14FLUID 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
<u>WATER (FEET)</u>	<u>2050.0</u>	<u>8.40</u>

RECOVERED:

7250 FEET OF SLIGHTLY GAS CUT MUD CALCULATED FROM
 REVERSE CIRCULATION
 2050 FEET OF WATER CUSHION

MEASURED FROM
TESTER VALVE

REMARKS:

LEGAL LOCATION: LAT. 28 DEG., 03', 09"S; LONG. 140 DEG., 15', 31.1"E.

MISRUN DUE TO LEAK FILLING THE PIPE ON THE WAY INTO THE HOLE.

ALL READINGS OTHER THAN HYDROSTATIC SHOULD BE REGARDED AS HIGHLY QUESTIONABLE.

100-443887-10

[illegible]

000020 988

TICKET NO. 34623200

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	8954.2	
4		FLEX WEIGHT.....	4.500	2.764	179.9	
3		DRILL COLLARS.....	6.500	2.810	359.4	
51		PUMP OUT REVERSING SUB.....	6.000	3.000	1.0	9475.0
3		DRILL COLLARS.....	6.500	2.810	59.3	
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0	9537.0
3		DRILL COLLARS.....	6.500	2.810	29.3	
98		BAR CATCHER SUB.....	5.750	1.000	1.0	9567.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	9568.0
5		CROSSOVER.....	5.000	2.500	1.0	
12		DUAL CIP VALVE.....	5.000	0.870	4.9	
97		SAMPLE CATCHER.....	5.000	2.500	4.9	9581.0
93		DRAIN VALVE.....	5.000	2.200	0.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.3	9586.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	9588.0
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	9603.0
18		DISTRIBUTOR VALVE.....	5.000	1.680	2.0	
70		OPEN HOLE PACKER.....	7.500	1.530	5.8	9611.0
19		ANCHOR PIPE SAFETY JOINT.....	5.000	1.500	4.3	
20		FLUSH JOINT ANCHOR.....	5.000	2.370	35.0	
81		BLANKED-OFF RUNNING CASE.....	5.000		4.1	9651.0
TOTAL DEPTH					9654.0	

EQUIPMENT DATA

END

OF

REPORT

000029



TICKET NO. 34621000

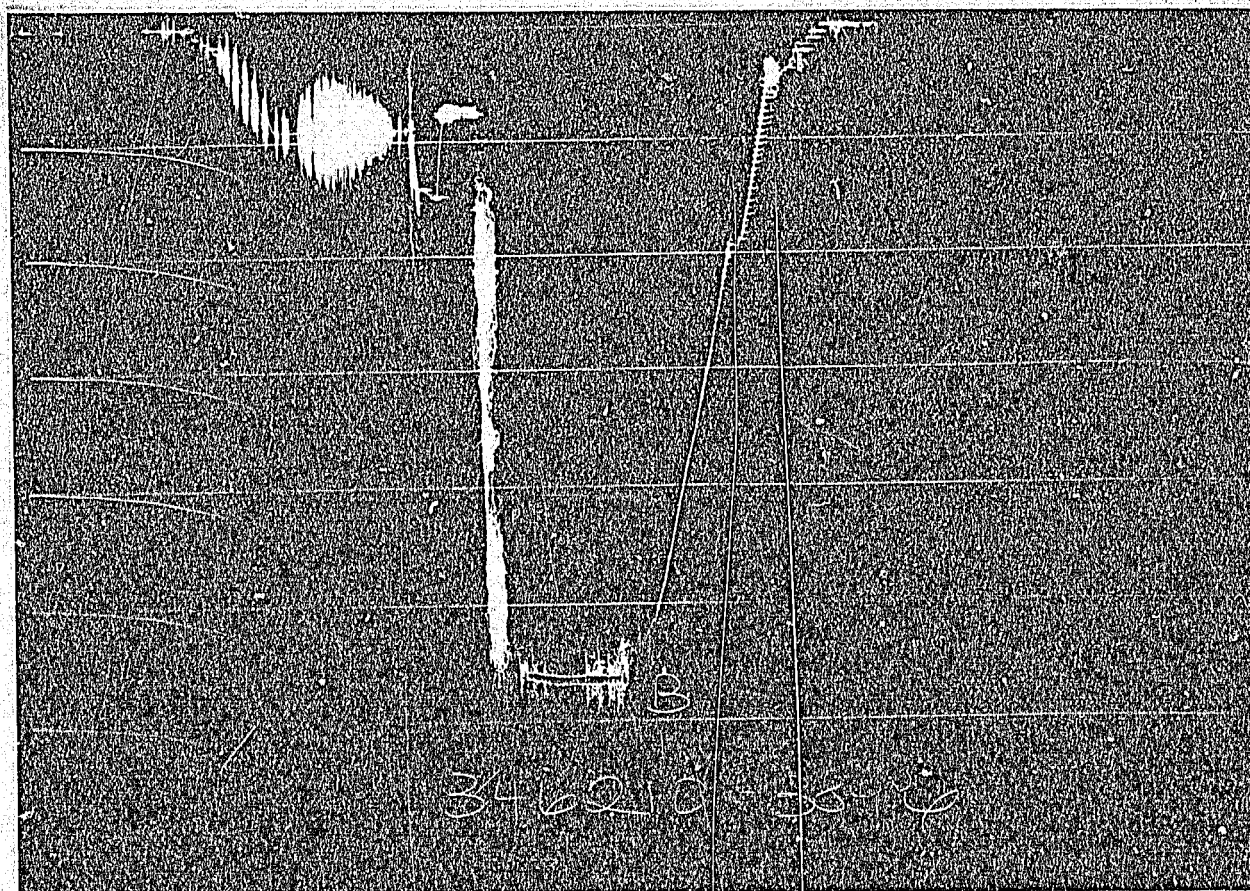
18-JUN-85

MOOMBA

LEGAL LOCATION	MOOMBA NORTH	WELL NO.	2	TEST NO.	3	TESTED INTERVAL	9611.0 - 9654.0	COUNTRY	SOUTH AUSTRALIA	STATE	AUSTRALIA	LEASE OWNER/COMPANY NAME	DELHI PETROLEUM PTY. LTD.
SEC. - TYP. - RING.													
SEE REMARKS													
FIELD AREA	COOPER BASIN												

FORMATION TESTING SERVICE REPORT

0000722

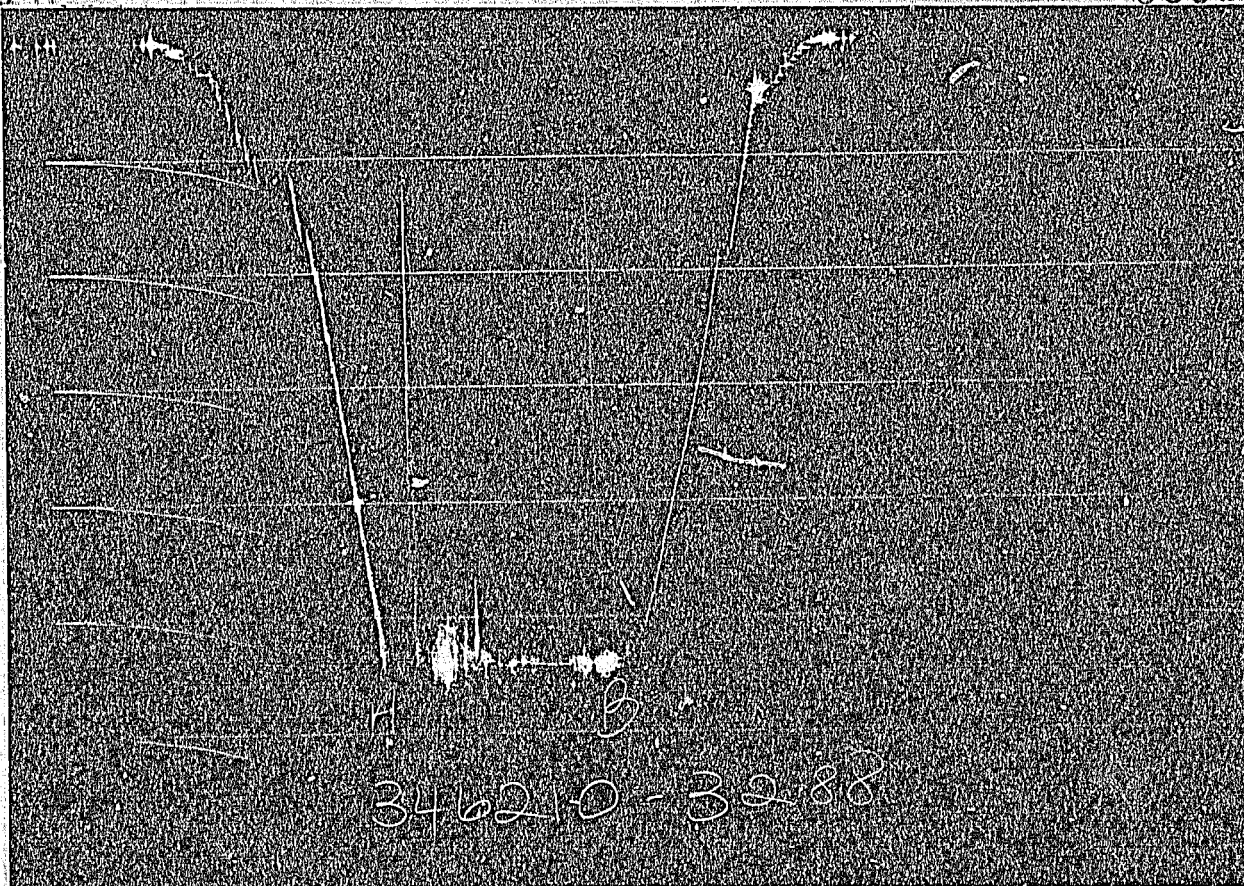


GAUGE NO: 3896 DEPTH: 9566.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC					
B	FINAL HYDROSTATIC	5604	5397.2			

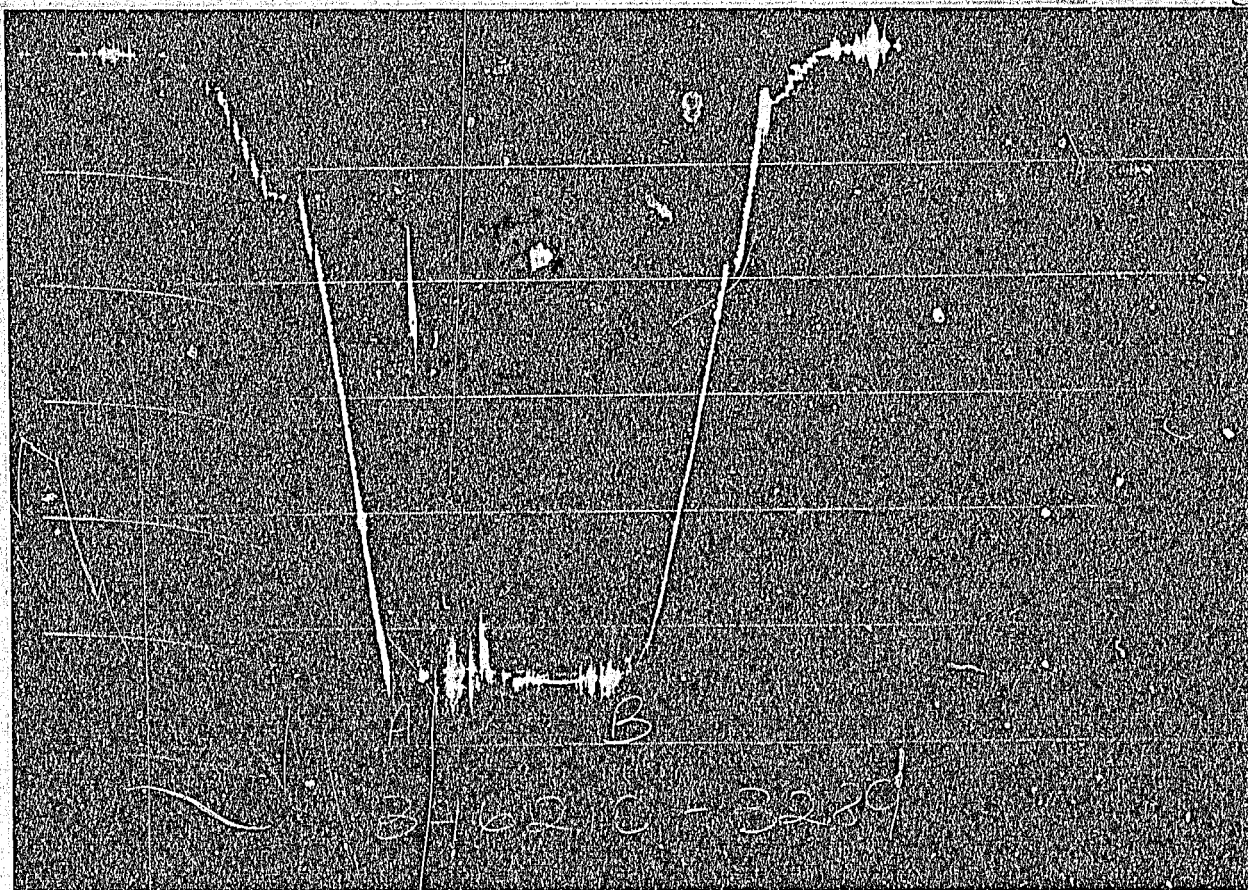
380000

000023

GAUGE NO: 3288 DEPTH: 9587.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	5394	5404.9			
B	FINAL HYDROSTATIC	5437	5393.3			

000024

GAUGE NO: 3289 DEPTH: 9650.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	5418	5423.0			
B	FINAL HYDROSTATIC	5439	5415.8			

000

000025

GAUGE NO: 1814 DEPTH: 9737.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	5497	5446.2			
B	FINAL HYDROSTATIC	5463	5417.7			

000026

800

EQUIPMENT & HOLE DATA

FORMATION TESTED: PATCHAWARRA

NET PAY (ft): _____

GROSS TESTED FOOTAGE: 43.0ALL DEPTHS MEASURED FROM: KB

CASING PERFS. (ft): _____

HOLE OR CASING SIZE (in): 8.500ELEVATION (ft): 144.0TOTAL DEPTH (ft): 9740.0PACKER DEPTH(S) (ft): 9603, 9611, 9654, 9662

FINAL SURFACE CHOKE (in): _____

BOTTOM HOLE CHOKE (in): 0.750MUD WEIGHT (lb/gal): 10.80MUD VISCOSITY (sec): 49

ESTIMATED HOLE TEMP. (°F): _____

ACTUAL HOLE TEMP. (°F): 324 @ 9736.0 ftTICKET NUMBER: 34621000DATE: 4-3-85 TEST NO: 3TYPE DST: ON BTM. STRADDLE

HALLIBURTON CAMP: _____

MOOMBATESTER: R.W. BLANTONP.R. BATESWITNESS: ROY EEL

DRILLING CONTRACTOR: _____

RICHTER #14FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE

RESISTIVITY

CHLORIDES

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

SAMPLER DATA

Pslg 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

WATER (FEET) 2018.0 8.40

RECOVERED: _____

MEASURED FROM
TESTER VALVE

REMARKS:

MISRUN - UNABLE TO OBTAIN PACKER SEAT.....

LEGAL LOCATION: 28 DEGREES - 03' - 01.9" SOUTH
140 DEGREES - 15' - 31.1" EAST

TEST WAS CONDUCTED 3, APRIL, 1985

600
000027

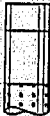
[illegible]

		O.D.	I.D.	LENGTH	DEPTH
1		DRILL PIPE.....	4.500	3.826	8912.0
4		FLEX WEIGHT.....	4.500	2.764	179.9
3		DRILL COLLARS.....	6.500	2.750	411.8
51		PUMP OUT REVERSING SUB.....	6.000	3.000	1.0 9503.0
3		DRILL COLLARS.....	6.500	2.750	29.4
50		IMPACT REVERSING SUB.....	6.000	3.000	1.0 9534.0
3		DRILL COLLARS.....	6.500	2.750	29.5
97		BAR CATCHER SUB.....	5.750	2.250	1.0 9584.0
80		AP RUNNING CASE.....	5.000	3.060	4.1 9586.0
5		CROSSOVER.....	5.000	2.200	1.0
12		DUAL CIP VALVE.....	5.000	0.870	4.9
98		SAMPLE CHAMBER.....	5.000	2.500	4.9 9580.0
33		DRAIN VALVE.....	5.000	2.200	1.0
60		HYDROSPRING TESTER.....	5.000	0.750	5.3 9585.0
80		AP RUNNING CASE.....	5.000	3.060	4.1 9587.0
15		JAR.....	5.000	1.750	5.0
16		VR SAFETY JOINT.....	5.000	1.000	2.8
17		PRESSURE EQUALIZING CROSSOVER...	5.000	3.000	1.0
70		OPEN HOLE PACKER.....	5.000	1.530	5.8 9603.0
18		DISTRIBUTOR VALVE.....	5.000	1.680	2.0
70		OPEN HOLE PACKER.....	5.000	1.530	5.8 9611.0
20		FLUSH JOINT ANCHOR.....	5.000	2.370	35.0
17		PRESSURE EQUALIZING CROSSOVER...	5.000	2.500	1.0
81		BLANKED-OFF RUNNING CASE.....	5.000		4.1 9650.0
70		OPEN HOLE PACKER.....	6.000	1.680	5.8 9654.0
18		DISTRIBUTOR VALVE.....	5.000	1.680	2.0
70		OPEN HOLE PACKER.....	6.000	1.680	5.8 9662.0

CONTINUED

EQUIPMENT DATA

TICKET NO. 34621000 000029

		O.D.	I.D.	LENGTH	DEPTH
5		CROSSOVER.....	5.000	2.500	1.0
19		ANCHOR PIPE SAFETY JOINT.....	5.000	1.500	4.8
20		FLUSH JOINT ANCHOR.....	5.000	2.370	4.0
5		CROSSOVER.....	5.750	2.500	1.0
3		DRILL COLLARS.....	6.500	2.750	58.5
5		CROSSOVER.....	5.750	2.500	1.0
81		BLANKED-OFF RUNNING CASE.....	5.000	4.1	9737.0

TOTAL DEPTH

9740.0

EQUIPMENT DATA