SOUTH AUSTRALIA

DEPARTMENT OF MINES AND ENERGY

OPEN FILE ENVELOPE NO. 7187/2

PEL 5 AND PEL 6, PATCHAWARRA CENTRAL BLOCK

EROMANGA AND COOPER BASINS

KUDRIEKE 2

TEST REPORTS

Submitted by

Santos Ltd

1989

ENVELOPE 7187/2

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

TENEMENT HOLDER: Santos Ltd (operator), Bridge Oil Developments Pty Ltd, Delhi Petroleum Pty Ltd, Basin Oil NL, Reef Oil NL, Vamgas Ltd, SAGASCO Resources Ltd and Bridge Oil Ltd

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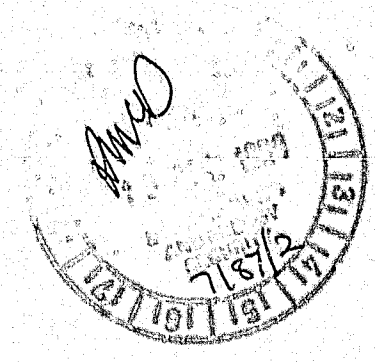
853

00003

HALLIBURTON SERVICES

TICKET NO. 32794500
06-APR-89
MOOMBA



FORMATION TESTING SERVICE REPORT

KUDRIEKE	2	1	8618.2 - 8556.0
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL
SANTOS LTD.			
LEASE OWNER/COMPANY NAME			

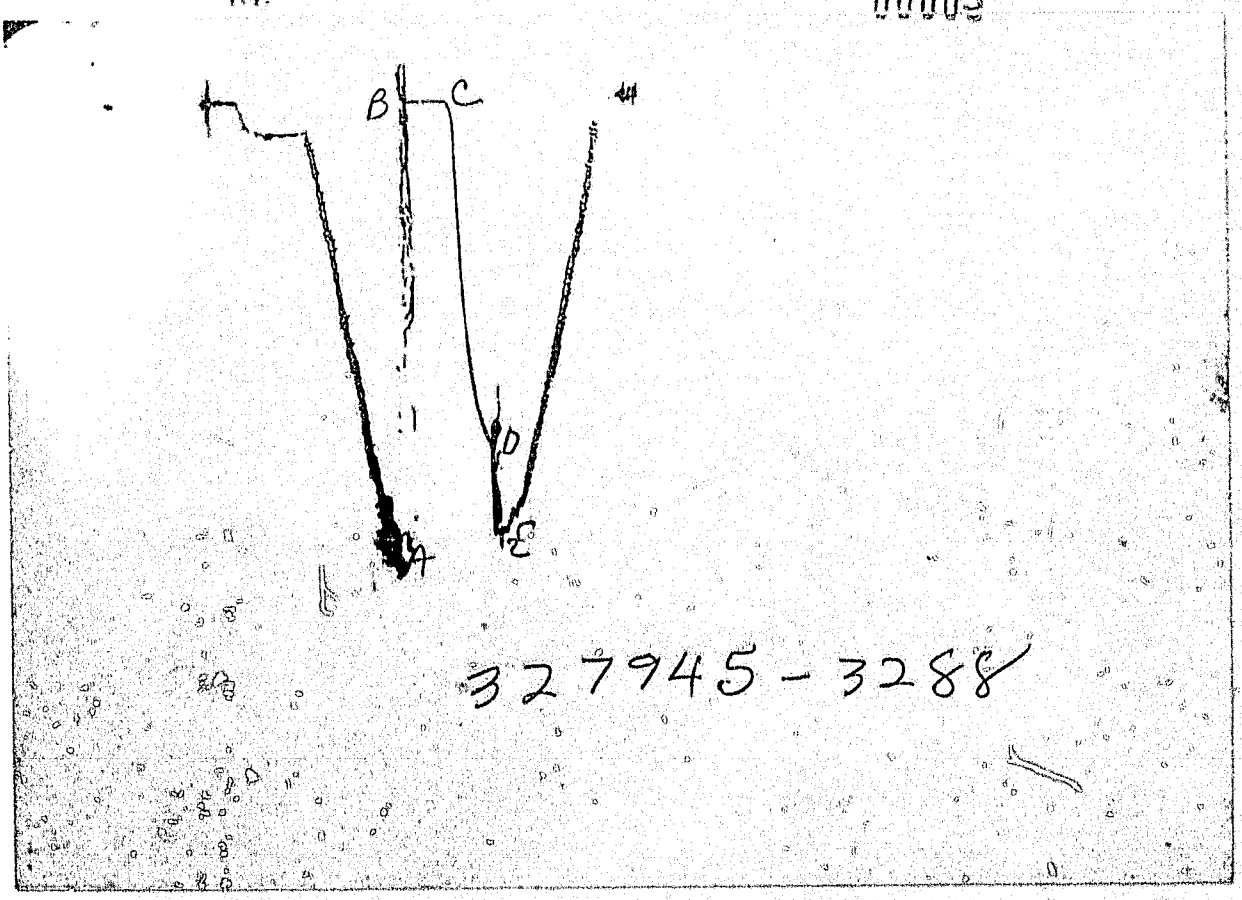
LEGAL LOCATION SEC. - TWP. - RNG.	SEE REMARKS	FIELD AREA	COOPER BASIN
COUNTY SOUTH AUSTRALIA	STATE AUSTRALIA	OR	

00004 854

327945-7900

GAUGE NO: 7900 DEPTH: 8574.0 BLANKED OFF: NO HOUR OF CLOCK: 24

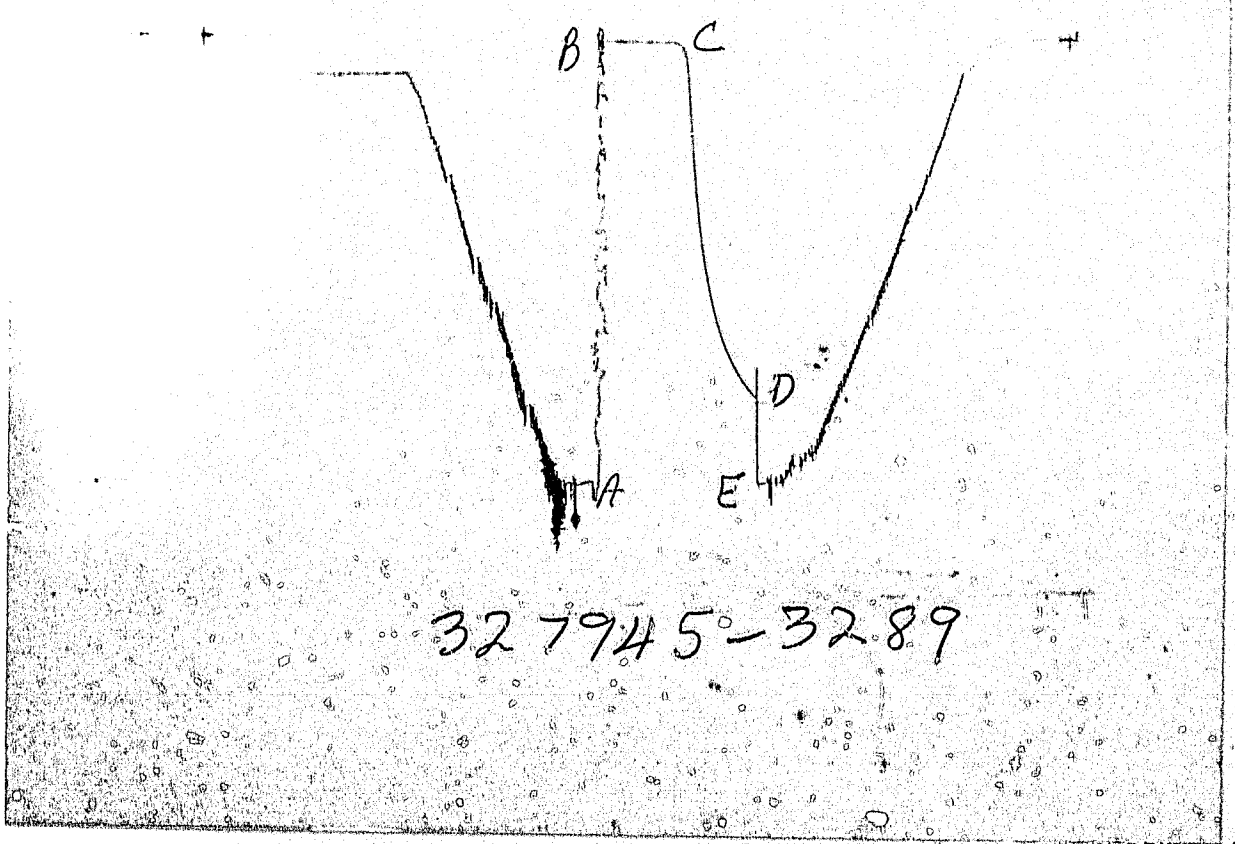
ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC					
B	INITIAL FIRST FLOW			92.0		F
C	FINAL FIRST FLOW					
C	INITIAL FIRST CLOSED-IN			102.0		C
D	FINAL FIRST CLOSED-IN					
E	FINAL HYDROSTATIC					
F	HYDROSTATIC RELEASE					



GAUGE NO: 3288 DEPTH: 8595.0 BLANKED OFF: NO HOUR OF CLOCK: 48

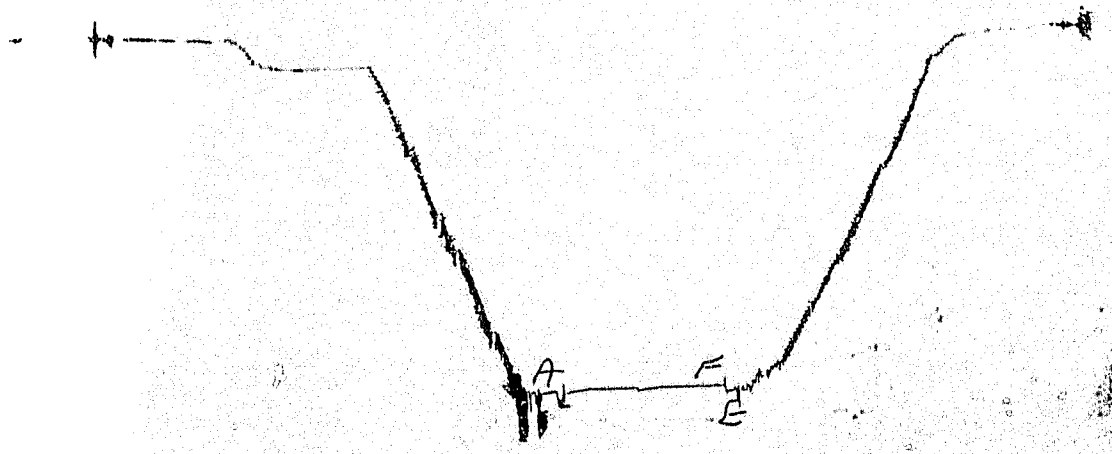
ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	3954	3949.3			
B	INITIAL FIRST FLOW	43	16.4	92.0	91.7	F
C	FINAL FIRST FLOW	43	21.0			
C	INITIAL FIRST CLOSED-IN	43	21.0	102.0	102.3	C
D	FINAL FIRST CLOSED-IN	3181	3167.3			
E	FINAL HYDROSTATIC	3954	3949.3			
F	HYDROSTATIC RELEASE					

00006 856



GAUGE NO: 3289 DEPTH: 8652.5 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4038	4007.1			
B	INITIAL FIRST FLOW	44	39.5	92.0	91.7	F
C	FINAL FIRST FLOW	44	48.5			
C	INITIAL FIRST CLOSED-IN	44	48.5	102.0	102.3	C
D	FINAL FIRST CLOSED-IN	3271	3250.6			
E	FINAL HYDROSTATIC	4038	4007.1			
F	HYDROSTATIC RELEASE					



327945-5093

GAUGE NO: 5093 DEPTH: 8723.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4053	4048.8			
B	INITIAL FIRST FLOW			92.0		F
C	FINAL FIRST FLOW					
C	INITIAL FIRST CLOSED-IN			102.0		C
D	FINAL FIRST CLOSED-IN					
E	FINAL HYDROSTATIC	4005	4048.5			
F	HYDROSTATIC RELEASE		4009.3			

898

00008

EQUIPMENT & HOLE DATA

FORMATION TESTED: NAPPAMARRI
NET PAY (ft): 36.0
GROSS TESTED FOOTAGE: 37.8
ALL DEPTHS MEASURED FROM: KELLY BUSHING
CASING PERFS. (ft): _____
HOLE OR CASING SIZE (in): 8.500
ELEVATION (ft): _____
TOTAL DEPTH (ft): 8726.0
PACKER DEPTH(S) (ft): 8610, 8618, 8656, 8664
FINAL SURFACE CHOKE (in): 0.50000
BOTTOM HOLE CHOKE (in): 0.750
MUD WEIGHT (lb/gal): 9.20
MUD VISCOSITY (sec): 41
ESTIMATED HOLE TEMP. (°F): _____
ACTUAL HOLE TEMP. (°F): 238 @ 8722.0 ft

TICKET NUMBER: 32794500

DATE: 11-06-88 TEST NO: 1

TYPE DST: ON BT. STRADDLE

HALLIBURTON CAMP: MOOMBA

TESTER: F. OBORN

WITNESS: J.E. OZOLINS

DRILLING CONTRACTOR: O.D.& E. #23

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
_____	_____ @ ____°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:

30' OF MUDDY WATER

MEASURED FROM TESTER VALVE

REMARKS:

LEGAL LOCATION: LAT. 27 DEG. 28' 24.8" S. & LONG. 140 DEG. 10' 29.2" E.

UNABLE TO READ PRESSURES ON GAUGE 7900 RUN ABOVE TOOL. SMALL PRESSURE CHANGES ARE MASKED BY THE EXTREME WIDTH OF THE BASELINE.

TYPE & SIZE MEASURING DEVICE: 6" CERAMIC SURFACE CHOKE					TICKET NO: 32794500
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
11-6-68					
0005					READY TO MAKE UP TOOLS
					WAS DELAYED 45 MINUTES WHILE
					V-DOOR RE-PINNED
0050					MADE UP TOOLS
0330					TOOL MADE UP AND WENT INTO HOLE
1000					RIGGED UP TO MANIFOLD
1020					SET PACKERS WITH 28,000#
1023	.5				OPENED TOOL WITH A VERY WEAK
					BLOW
1024					VERY WEAK BLOW
1025					SAME
1026					SAME
1027					SAME
1028					NO BUBBLE
1030					SAME
1100					SAME
1130	.5				SAME
1158					CLOSED TOOL
1340					PULLED FREE, OPENED BYPASS
					10,000# OVERPULL
1845					TOOL AT FLOOR
2115					TOOL LAID OUT, JOB COMPLETED

00010

TICKET NO: 32794500

CLOCK NO: 10878 HOUR: 48

GAUGE NO: 3288

DEPTH: 8595.0

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	15.4			
	2	15.0	14.5	-1.9		
	3	30.0	14.5	0.0		
	4	45.0	17.7	3.2		
	5	60.0	19.4	1.7		
	6	75.0	21.8	2.4		
C	7	91.7	21.0	-0.9		
			FIRST CLOSED-IN			
C	1	0.0	21.0			
	2	6.0	37.0	16.0	5.6	1.211
	3	12.0	70.5	49.6	10.6	0.838
	4	18.0	173.1	152.2	15.0	0.786
	5	24.0	896.6	875.7	19.0	0.684
	6	30.0	1438.6	1417.6	22.6	0.608
	7	36.0	1881.4	1860.4	25.9	0.550
	8	42.0	2173.8	2152.9	28.8	0.503
	9	48.0	2398.0	2377.0	31.5	0.464
	10	54.0	2572.9	2551.9	34.0	0.431
	11	60.0	2710.7	2689.7	36.3	0.403
	12	66.0	2825.2	2804.2	38.4	0.378
	13	72.0	2927.8	2906.9	40.3	0.357
	14	78.0	2996.6	2975.7	42.2	0.338
	15	84.0	3040.4	3019.5	43.8	0.321
	16	90.0	3081.6	3060.7	45.4	0.305
	17	96.0	3124.1	3103.2	46.9	0.291
D	18	102.3	3167.9	3146.4	48.4	0.278

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

REMARKS:

T98

00011

TICKET NO: 32794500	GAUGE NO: 3289
CLOCK NO: 12462 HOUR: 24	DEPTH: 8652.5

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	39.5			
	2	15.0	38.2	-1.3		
	3	30.0	38.2	0.0		
	4	45.0	39.5	1.3		
	5	60.0	42.8	3.3		
	6	75.0	45.0	2.2		
C	7	91.7	48.5	3.5		
			FIRST CLOSED-IN			
C	1	0.0	48.5			
	2	6.0	62.7	14.2	5.6	1.215
	3	12.0	120.4	71.9	10.6	0.936
	4	18.0	444.6	396.1	15.1	0.784
	5	24.0	1131.1	1082.6	19.0	0.683
	6	30.0	1610.9	1562.5	22.6	0.609
	7	36.0	1983.4	1934.9	25.9	0.550
	8	42.0	2225.8	2177.3	28.8	0.503
	9	48.0	2430.6	2382.1	31.5	0.464
	10	54.0	2598.8	2550.3	34.0	0.431
	11	60.0	2735.8	2687.3	36.3	0.403
	12	66.0	2850.5	2802.0	38.4	0.378
	13	72.0	2943.1	2894.6	40.3	0.357
	14	78.0	3025.3	2976.8	42.2	0.338
	15	84.0	3098.0	3049.5	43.8	0.321
	16	90.0	3159.4	3111.0	45.4	0.305
	17	96.0	3215.1	3166.6	46.9	0.291
D	18	102.3	3250.6	3202.1	48.4	0.278

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

REMARKS:

00012 TICKET NO. 32794500

		O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE	5.000		8052.6	
3	DRILL COLLARS	6.500	2.812	460.0	
51	PUMP OUT REVERSING SUB	6.000	3.000	1.0	
3	DRILL COLLARS	6.500	2.812	31.3	
50	IMPACT REVERSING SUB	6.000	3.000	1.0	
3	DRILL COLLARS	6.500	2.812	30.4	
258	BAR CATCHER SUB	5.750	1.180	1.0	
80	AP RUNNING CASE	5.000	2.250	4.1	8574.0
5	CROSSOVER	5.000	2.250	1.0	
12	DUAL CIP VALVE	5.000	0.870	4.9	
202	SAMPLE CHAMBER	5.000	2.250	4.9	
33	DRAIN VALVE	5.000	2.200	0.9	
60	HYDROSPRING TESTER	5.000	0.750	5.3	
80	AP RUNNING CASE	5.000	2.250	4.1	8595.0
15	JAR	5.000	1.750	5.0	
16	VR SAFETY JOINT	5.000	2.780	2.8	
17	PRESSURE EQUALIZING CROSSOVER	4.870		1.0	
70	OPEN HOLE PACKER	7.500	1.530	5.8	8610.4
18	DISTRIBUTOR VALVE	5.000	1.680	2.0	
70	OPEN HOLE PACKER	7.500	1.530	5.8	8618.2
20	FLUSH JOINT ANCHOR	5.000	2.370	30.0	
97	DOUBLE BOX WITH HOLES	4.620	2.750	1.0	
80	AP RUNNING CASE	5.000	2.250	4.1	8652.5
70	OPEN HOLE PACKER	7.500	1.530	5.8	8656.0
18	DISTRIBUTOR VALVE	5.000	1.680	2.0	
70	OPEN HOLE PACKER	7.500	1.530	5.8	8663.8

CONTINUED

EQUIPMENT DATA

00013 898

TICKET NO. 32794500

		O.D.	I.D.	LENGTH	DEPTH
5	CROSSOVER	5.000	2.250	1.0	
19	ANCHOR PIPE SAFETY JOINT	5.000	1.500	4.3	
20	FLUSH JOINT ANCHOR	5.000	2.370	16.0	
5	CROSSOVER	6.000	3.000	1.0	
3	DRILL COLLARS	6.500	3.812	30.3	
5	CROSSOVER	6.000	3.000	1.0	
81	BLANKED-OFF RUNNING CASE	5.000		4.1	8723.0
	TOTAL DEPTH				8726.0

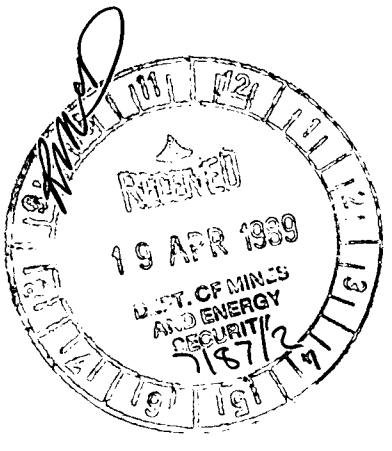
EQUIPMENT DATA

|**********|
|***SCHLUMBERGER***|
|**********|

FORMATION TESTING REPORT

COMPANY: SANTOS
WELL : KUDRIEKE #2
DST # : TWO
DATE : NOVEMBER 10, 1988
ZONE : TOOLACHE

REPORT DATE: APRIL 6, 1989



COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :TWO
DATE :NOV. 10, 1988
ZONE :TOOLACHEE

FORMATION TESTING REPORT

SCHLUMBERGER

WELL/JOB DATA

TOTAL DEPTH	: 9246 FEET	EST. POROSITY	: 10 %
TEST INTERVAL	: 9218-9246	EST. PROD. INT.	: 28 FEET
TEST TYPE	: BOTTOM-HOLE CONV.	FORMATION	: TOOLACHEE
HOLE SIZE	: 8.5 INCH	LITHOLOGY	: NA
GROUND ELEVATION	: 128 FEET	MUD TYPE	: GEL LIGNA
K.B. ELEVATION	: 149 FEET	MUD WT.	: 9.2 LB/GAL
RAT HOLE SIZE	: NONE	VISCOSITY	: 47
SURFACE CASING	: 9 5/8 INCH, 36 LB.	WATER LOSS	: 7.5
SANTOS REP.	: A WILKINSON	CUSHION TYPE	: WATER
SCHLUMBERGER REP	: R MASCORD	CUSHION LENGTH	: 500 FEET
RIG NAME	: O.D.E.	CUSHION VOLUME	:
RIG #	: TWENTY THREE	BOTTOM CHOKE	: 3/4 INCH

TOOL SEQUENCE	O.D.INCH	I.D.INCH	LENGTH	DEPTH FEET
STICK-UP			-18.11	
DRILL PIPE	4.5	3.826	8633.08	
DRILL COLLARS	6.25	2.812	550.17	
PUMP OUT SUB	6.25	2.75	1.17	
KNOCK OUT SUB	6.25	2.75	0.97	
CROSS-OVER	6.25	2.75	1.17	
RECORDER # 577	4.87	2.25	5.92	9138.0 FT.
M.F.E. TOOL	5.0	.75	9.87	
BY-PASS	5.0	.75	3.03	
RECORDER # 2388	4.87	2.25	5.92	9157.1 FT.
JARS	4.75	1.87	7.20	
SAFETY JOINT	4.75	2.25	1.98	
PACKER	7.75	2.25	9.80	
CROSSOVER	6.25	2.25	1.17	
DRILLCOLLAR	6.25	2.812	-.-	
CROSSOVER	6.25	2.25	1.17	
PACKER STUB	7.75	2.00	3.56	9218.48 FT.
PACKER	7.75	2.00	3.60	
PERFORATED PIPE	4.75	2.25	5.00	
RECORDER #448	4.87	2.25	5.92	9227.08 FT.
PERFORATED PIPE	4.75	2.25	4.00	
BLANK PIPE	4.75	2.25	8.00	
BULL NOSE	4.75	-.-	1.00	

COMPANY:SANTOS | FORMATION TESTING REPORT | ********
WELL :KUDRIEKE #2 | SEQUENCE OF EVENTS | ********
DST # :TWO | FLOW AND SHUT-IN DATA | ***SCHLUMBERGER***
DATE :NOV.10, 1988 | SURFACE / BLOW DATA | ********
ZONE :TOOLACHE | RECOVERY / SAMPLER DATA | ********

SEQUENCE OF EVENTS

TIME	EVENT
12:30	PICK UP TOOLS
01:00	MAKE UP TOOLS
03:00	START IN HOLE
07:30	HEAD UPEN
08:00	ATTEMPT TO SET PACKERS, NOT ENOUGH
	PIPE STICK UP, ADD ON PUP JOINT
08:35	SET PACKERS, OPEN TEST VALVE
10:43	SHUT IN TEST VALVE
14:59	PULL PACKERS LOOSE, TRIP 35 STANDS
17:30	AT SHOE, HEAD UP TO REVERSE CIRC.
17:40	WAIT ON PUMP REALLOCATION
17:52	DROP BAR
18:40	FINISH CIRC., RIG DOWN SURFACE EQUIP
23:00	BREAK OUT TOOLS
NOVEMBER 11	
01:00	TOOLS LAYED DOWN

FLOW AND SHUT-IN DATA

PERIOD	DATE	TIME	MINS.
1ST FLOW-I	NOV10/88	08:35	
1ST FLOW-F	NOV10/88	10:43	126MIN
1ST SHUT-IN	NOV10/88	10:43	
2ND FLOW-I			
2ND FLOW-F			
2ND SHUT-IN			
PULL LOOSE	NOV10/88	14:59	256MIN

SURFACE OBSERVATIONS / BLOW DATA

1ST FLOW: STRONG BLOW UPON TOOL OPENING WITH 1/2 CHOKE

MINS.	REMARKS / PRESSURE
5	GAS TO SURFACE 120 PSI
15	540 PSI
26	710 PSI
42	900 PSI, WATER CUSHION OUT
57	SLUGGING WATER CUSHION
83	980 PSI
90	990 PSI
95	980 PSI, SLIGHT CONDENSATE
100	960 PSI
110	950 PSI
125	920 PSI

FLUID RECOVERY DESCRIPTIONS	FEET	BLLS.
CONDENSATE	1200	(7.9)

BOTTOM-HOLE SAMPLER RECOVERY

APPROX. 2.2ML OF CONDENSATE WAS DRAINED OUT OF A CAPACITY OF 2.5 ML.

COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :TWO
DATE :NOV. 10, 1988
ZONE :TOOLACHEE

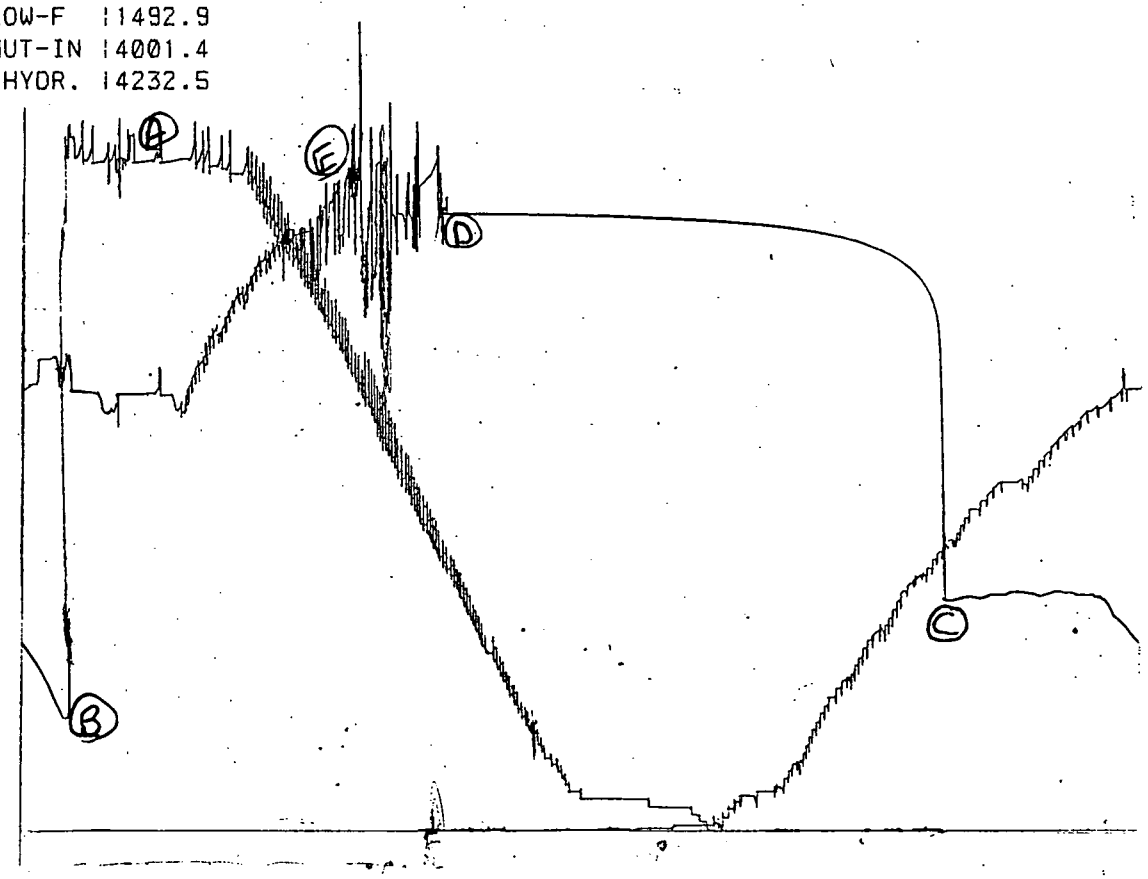
FORMATION TESTING REPORT
PRESSURE CHART SUMMARY

SCHLUMBERGER

RECORDER TYPE: J200 AT DEPTH: 9227.1 FT AT POSITION: INTERVAL
RECORDER SER.#: 448 CLK #: 0359 CAPACITY: 6400 TEMP: 226 F HRS: 96

LABEL	POINT	PRESS.
A	INIT. HYDR.	4318.2
B	1ST FLOW-I	738.0
C	1ST FLOW-F	1492.9
D	1ST SHUT-IN	4001.4
E	FINAL HYDR.	4232.5

TRACED CHART



RECORDER TYPE:J200 AT DEPTH: 9157
POSITION:INTERVAL REC#:2388
CAPACITY:6400 PSI TEMP:226 F HRS: 48
EQUATION= K=1252.75 a= + 10.43
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
INIT. HYDR.	4348.7
1ST FLOW-I	704.4

RECORDER TYPE:J200 AT DEPTH: 9138
POSITION: RECOVERY REC#: 577
CAPACITY:6400 PSI TEMP:226 F HRS: 96
EQUATION= K=1238.14 a= + 2.34
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
1ST FLOW START	180.88
1ST FLOW END	1458.39

COMPANY: SANTOS
WELL : KUDRIEKE #2
DST # : TWO
DATE : NOV.10,1988
ZONE : TOOLACHE

FORMATION TESTING REPORT

CHART BREAKDOWN

SCHLUMBERGER*

RECORDER NO. 448 AT 9227 FT. FIRST FLOW PERIOD

MINS.	DEFL.	PRESS.	LOG ET	
	3.5200	4318.1		INITIAL HYDRO
0	0.5921	738.0		INITIAL FLOW
10	0.6662	828.6	1.00	
20	0.8770	1086.4	1.30	
30	1.0098	1248.8	1.48	
40	1.1294	1395.0	1.60	
50	1.2354	1524.6	1.70	
60	1.2450	1536.4	1.78	
70	1.2518	1544.7	1.85	
80	1.2390	1529.0	1.90	
90	1.2510	1543.7	1.95	
100	1.2360	1525.4	2.00	
110	1.2205	1506.4	2.04	
120	1.2120	1496.0	2.08	
126	1.2095	1493.0	2.10	FINAL FLOW

COMPANY: SANTOS
WELL : KUDRIEKE #2
DST # : TWO
DATE : NOV.10,1988
ZONE : TOOLACHE

FORMATION TESTING REPORT

CHART BREAKDOWN

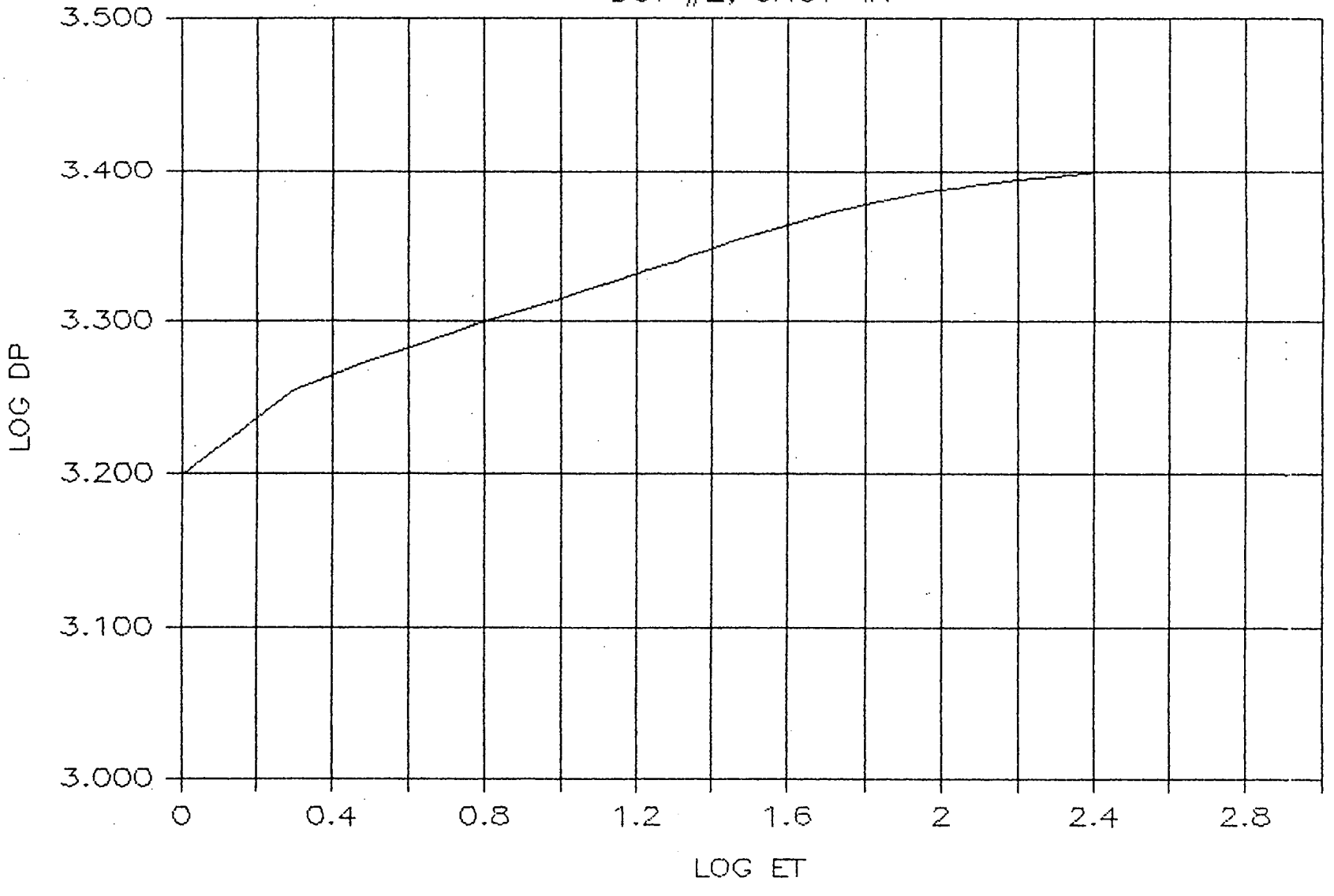
SCHLUMBERGER*

RECORDER NO. 448 AT 9227 FT. FIRST SHUT-IN PERIOD

MINS.	DEFL.	PRESS.	LOG ET	LOG DP	T+DT/DT	LOG	PBU-PWF
0.00	1.2095	1493.0	FINAL FLOW				
1.00	2.5036	3075.3	0.00	3.20	127.00	2.10	1582.3
2.00	2.6789	3289.7	0.30	3.25	64.00	1.81	1796.7
3.00	2.7400	3364.4	0.48	3.27	43.00	1.63	1871.4
4.00	2.7773	3410.0	0.60	3.28	32.50	1.51	1917.0
5.00	2.8067	3446.0	0.70	3.29	26.20	1.42	1953.0
6.00	2.8318	3476.6	0.78	3.30	22.00	1.34	1983.6
7.00	2.8504	3499.4	0.85	3.30	19.00	1.28	2006.4
8.00	2.8678	3520.7	0.90	3.31	16.75	1.22	2027.7
9.00	2.8830	3539.3	0.95	3.31	15.00	1.18	2046.3
10.00	2.8970	3556.4	1.00	3.31	13.60	1.13	2063.4
12.00	2.9223	3587.3	1.08	3.32	11.50	1.06	2094.3
14.00	2.9453	3615.4	1.15	3.33	10.00	1.00	2122.4
16.00	2.9637	3637.9	1.20	3.33	8.88	0.95	2144.9
18.00	2.9800	3657.9	1.26	3.34	8.00	0.90	2164.9
20.00	2.9960	3677.4	1.30	3.34	7.30	0.86	2184.4
22.00	3.0104	3695.0	1.34	3.34	6.73	0.83	2202.0
24.00	3.0242	3711.9	1.38	3.35	6.25	0.80	2218.9
29.00	3.0536	3747.9	1.46	3.35	5.34	0.73	2254.9
34.00	3.0764	3775.7	1.53	3.36	4.71	0.67	2282.7
39.00	3.0963	3800.1	1.59	3.36	4.23	0.63	2307.1
44.00	3.1123	3819.6	1.64	3.37	3.86	0.59	2326.6
49.00	3.1260	3836.4	1.69	3.37	3.57	0.55	2343.4
54.00	3.1383	3851.4	1.73	3.37	3.33	0.52	2358.4
59.00	3.1502	3866.0	1.77	3.38	3.14	0.50	2373.0
69.00	3.1680	3887.7	1.84	3.38	2.83	0.45	2394.7
79.00	3.1828	3905.8	1.90	3.38	2.59	0.41	2412.8
89.00	3.1940	3919.5	1.95	3.38	2.42	0.38	2426.5
99.00	3.2031	3930.7	2.00	3.39	2.27	0.36	2437.7
109.00	3.2114	3940.8	2.04	3.39	2.16	0.33	2447.8
119.00	3.2188	3949.9	2.08	3.39	2.06	0.31	2456.9
129.00	3.2240	3956.2	2.11	3.39	1.98	0.30	2463.2
139.00	3.2290	3962.3	2.14	3.39	1.91	0.28	2469.3
159.00	3.2380	3973.3	2.20	3.39	1.79	0.25	2480.3
179.00	3.2440	3980.7	2.25	3.40	1.70	0.23	2487.7
199.00	3.2482	3985.8	2.30	3.40	1.63	0.21	2492.8
219.00	3.2530	3991.7	2.34	3.40	1.58	0.20	2498.7
239.00	3.2560	3995.3	2.38	3.40	1.53	0.18	2502.3
258.00	3.2610	4001.5	2.41	3.40	1.49	0.17	2508.5
	3.4500	4232.6	FINAL HYDRO.				

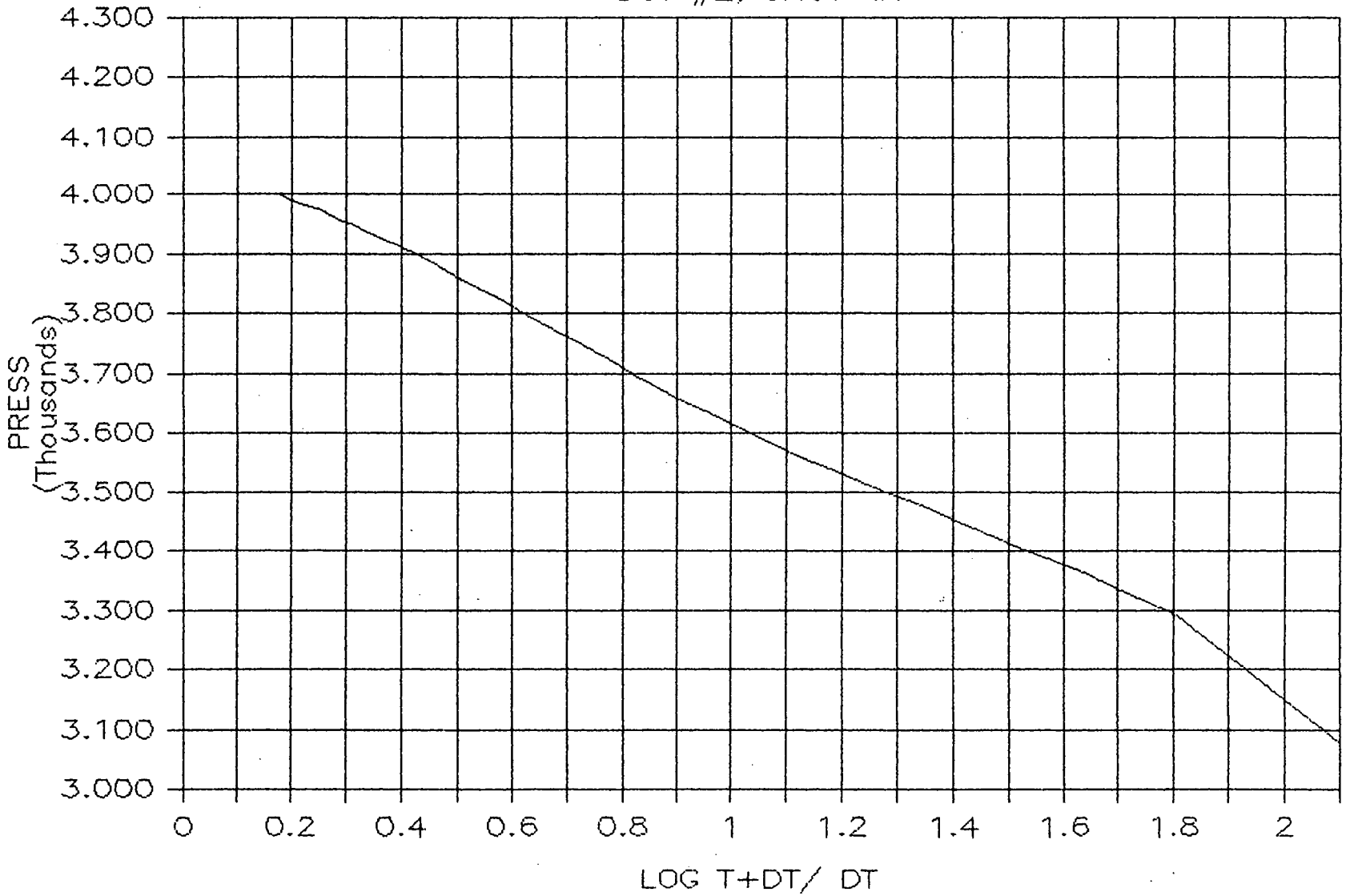
SANTOS, KUDRIEKE #2

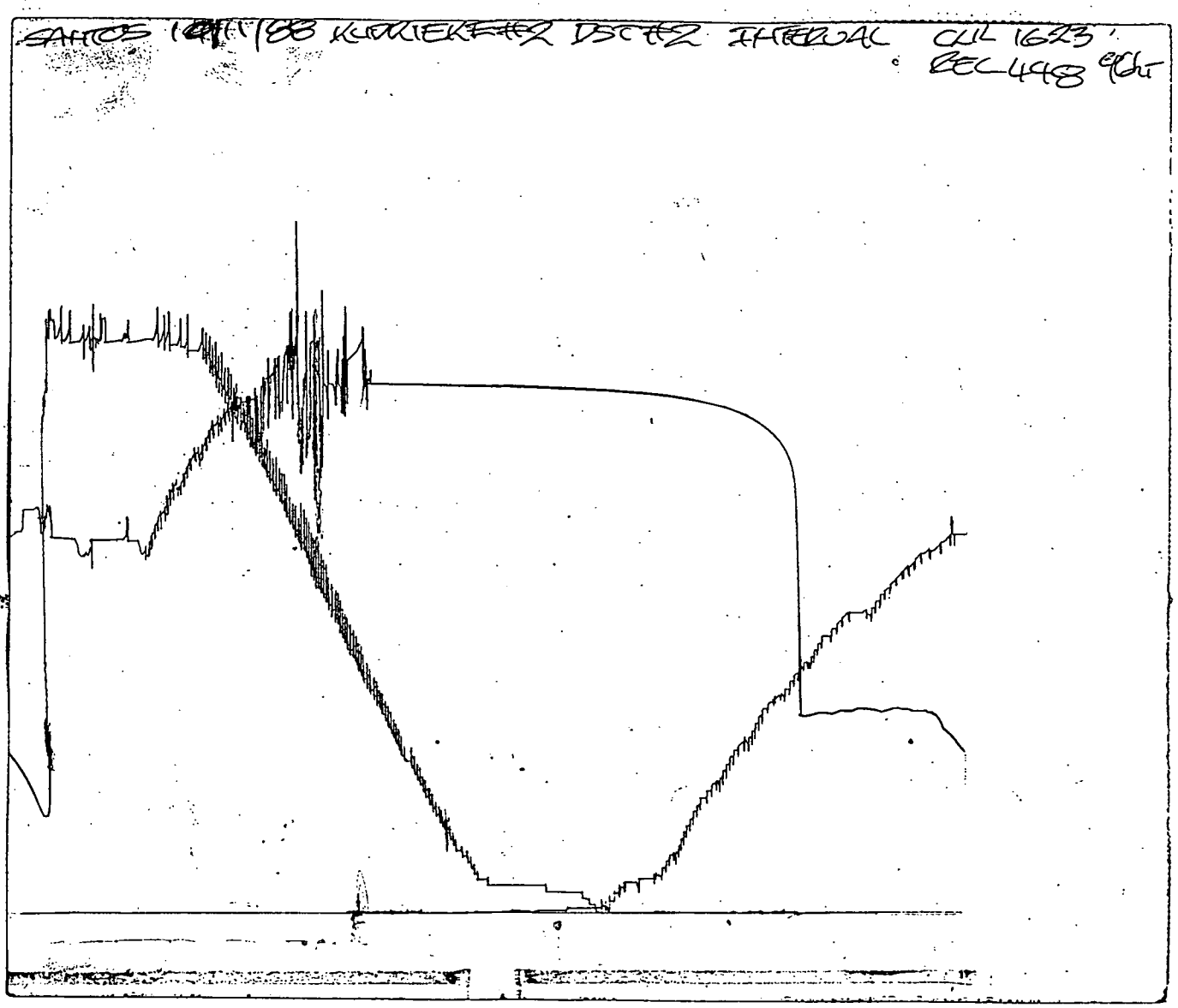
DST #2, SHUT-IN



SANTOS, KUDRIEKE #2

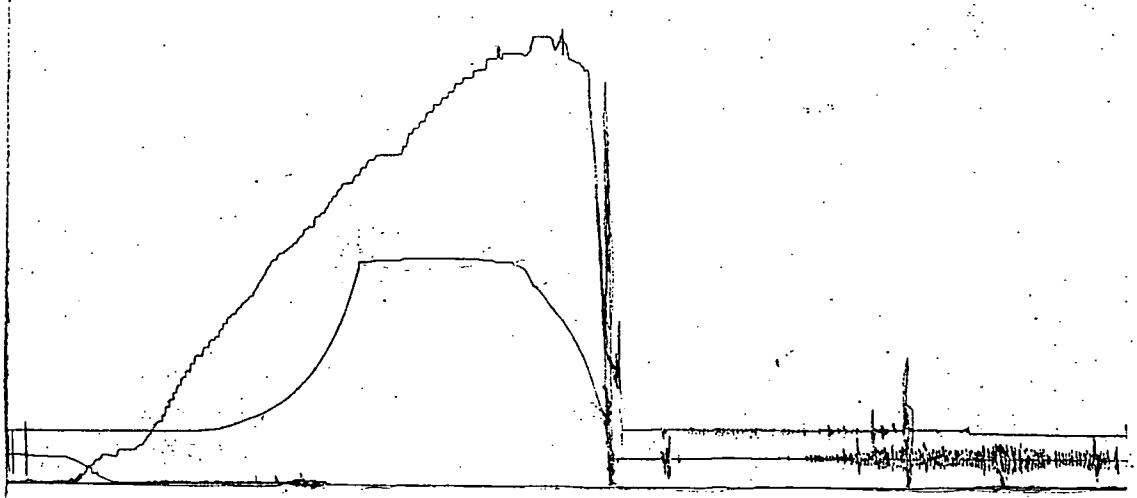
DST #2, SHUT-IN



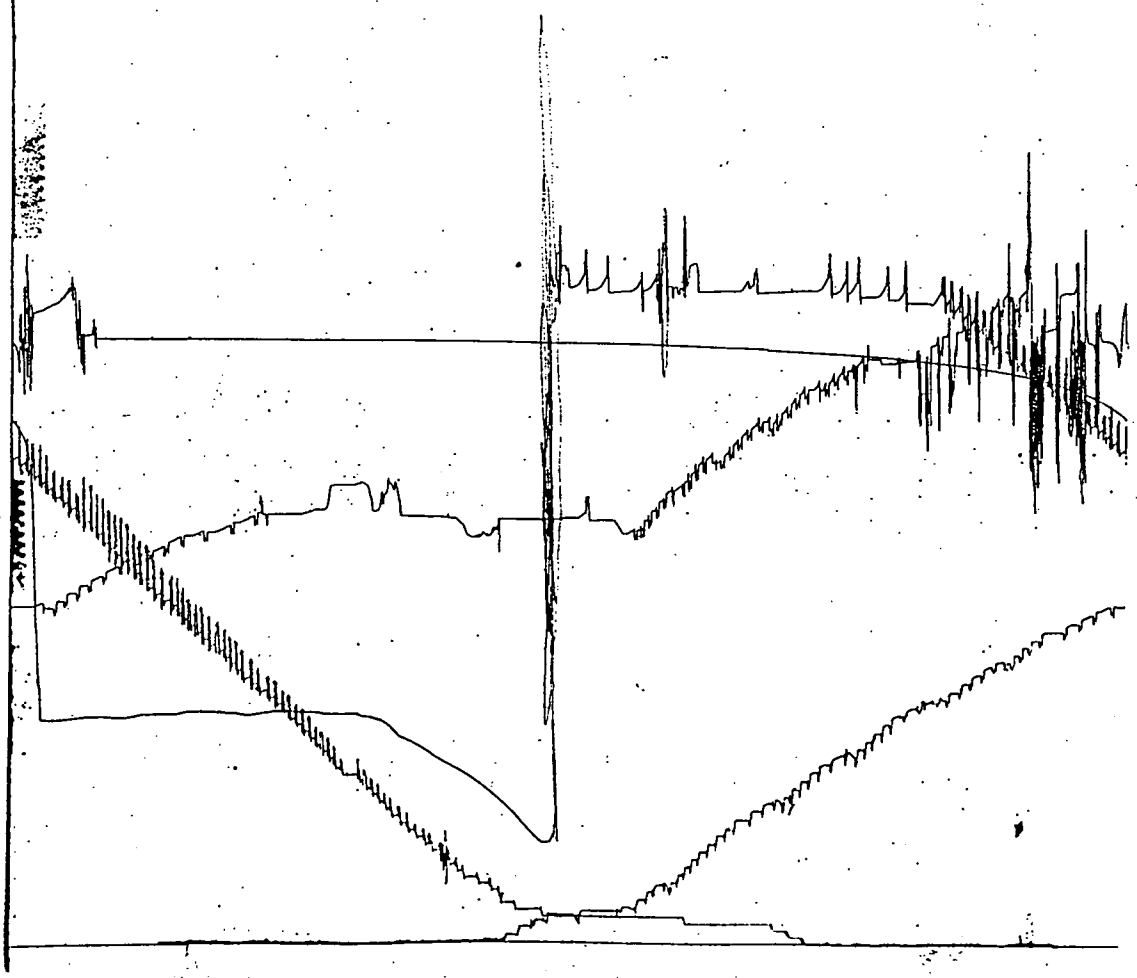


REC 577 96hr

00023



SAMOS IDILLES KLOPIECKE #2 DST #2 BELOW MEE ELK 1583
REC 2388 48hr



|******************|
|***SCHLUMBERGER***|
|******************|

FORMATION TESTING REPORT

COMPANY: SANTOS
WELL : KUDRIEKE #2
DST # : THREE
DATE : NOVEMBER 13, 1988
ZONE : PATCHAWARRA

REPORT DATE: JAN. 14/88

COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :THREE
DATE :NOV. 13, 1988
ZONE :PATCHAWARRA

FORMATION TESTING REPORT

SCHLUMBERGER

WELL/JOB DATA

TOTAL DEPTH	: 9702 FEET	EST. POROSITY	: 9%
TEST INTERVAL	: 9612-9702	EST. PROD. INT.	: NA
TEST TYPE	: BOTTOM HOLE CONV.	FORMATION	: PATCHAWARRA
HOLE SIZE	: 8.5 INCH	LITHOLOGY	: NA
GROUND ELEVATION	: 128 FEET	MUD TYPE	: GEL
K.B. ELEVATION	: 149 FEET	MUD WT.	: 9.3 LB/GAL
RAT HOLE SIZE	: NONE	VISCOSITY	: 40
SURFACE CASING	: 9 5/8 INCH, 36 LB.	WATER LOSS	: 9.0
SANTOS REP.	: A. WILKINSON	CUSHION TYPE	: H2O
SCHLUMBERGER REP	: R. MASCORD	CUSHION LENGTH	: 600 FEET
RIG NAME	: O.D.E.	CUSHION VOLUME	: NA
RIG #	: 23	BOTTOM CHOKE	: 3/4 INCH

TOOL SEQUENCE	O.D.INCH	I.D.INCH	LENGTH	DEPTH FEET
STICK-UP			-19.00	
DRILL PIPE	4.5	3.826	8996.76	
DRILL COLLARS	6.25	2.812	580.85	
PUMP OUT SUB	6.25	2.75	1.17	
KNOCK OUT SUB	6.25	2.75	.97	
CROSSOVER	6.25	2.25	1.17	
RECORDER # 2388	4.87	2.25	5.92	9568
M.F.E. TOOL	5.00	.75	9.68	
BYPASS	5.00	2.00	3.17	
RECORDER # 577	4.87	2.25	5.92	9587
JARS	4.75	1.87	7.20	
SAFETY JOINT	4.75	2.25	1.98	
PACKER	7.50	2.00	9.90	
PACKER	7.50	2.00	5.89	9612
PACKER STUB	7.50	2.00	1.34	
PERFORATED ANCHOR	4.75	2.25	5.00	
RECORDER #448	4.87	2.25	5.92	9624
CROSSOVER	6.25	2.25	1.17	
DRILLCOLLAR	6.25	2.812	60.82	
CROSSOVER	6.25	2.25	1.17	
PERFORATED ANCHOR	4.75	2.25	13.00	
BULLNOSE	4.75	0.00	.92	

COMPANY:SANTOS | FORMATION TESTING REPORT | ********** |
WELL :KUDRIEKE #2 | SEQUENCE OF EVENTS | ********** |
DST # :THREE | FLOW AND SHUT-IN DATA | ***SCHLUMBERGER*** |
DATE :NOV. 13, 1988 | SURFACE / BLOW DATA | ********** |
ZONE :PATCHAWARRA | RECOVERY / SAMPLER DATA | **********

SEQUENCE OF EVENTS

TIME	EVENT
22:30	START TOOLS
00:30	START COLLARS
01:25	CHECK SHUT-IN TOOL LEAKING
05:50	MAKE UP SHUT-IN TOOL AFTER SERVICING
06:00	RUN IN HOLE
11:10	ON BOTTOM, HEAD UP
11:30	SET PACKERS, OPEN TOOL
13:00	CLOSE TOOL
16:00	PULL LOOSE
18:10	DROP BAR TO REVERSE AT SHOE
18:55	FINISH REVERSE
21:30	AT TOOLS
23:00	TOOLS LAYED OUT
14:25	STRING FREE, RUN UP/DOWN A SINGLE
14:40	WEIGHT GAIN +/- 1000 LBS
15:00	PULL OUT OF HOLE TO FLUID
18:00	AT TOP OF RECOVERY
18:40	BREAK DOWN TOOLS
21:00	TOOLS LOADED OUT

FLOW AND SHUT-IN DATA

PERIOD	DATE	TIME	MINS.
1ST FLOW-I	NOV13/88	11:30	
1ST FLOW-F	NOV13/88	01:00	90
1ST SHUT-IN	NOV13/88	16:00	180
2ND FLOW-I			
2ND FLOW-F			
2ND SHUT-IN			
PULL LOOSE	NOV13/88	16:00	

SURFACE OBSERVATIONS / BLOW DATA

1ST FLOW: WEAK BLOW INCREASING TO GOOD IN 5 MINS, G.T.S. IN 16 MIN

1ST SHUT-IN:

2ND FLOW:

2ND SHUT-IN:

FLUID RECOVERY DESCRIPTIONS	FEET	BLLS.
WATER CUSHION	600	
DRILLING MUD-SEE GEOL. REPORT	?	

BOTTOM-HOLE SAMPLER RECOVERY

NOT REPORTED

COMMENTS: NO SIGNIFICANT MUD REPORTED IN RECOVERY

COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :THREE
DATE :NOV. 13, 1988
ZONE :PATCHAWARRA

FORMATION TESTING REPORT

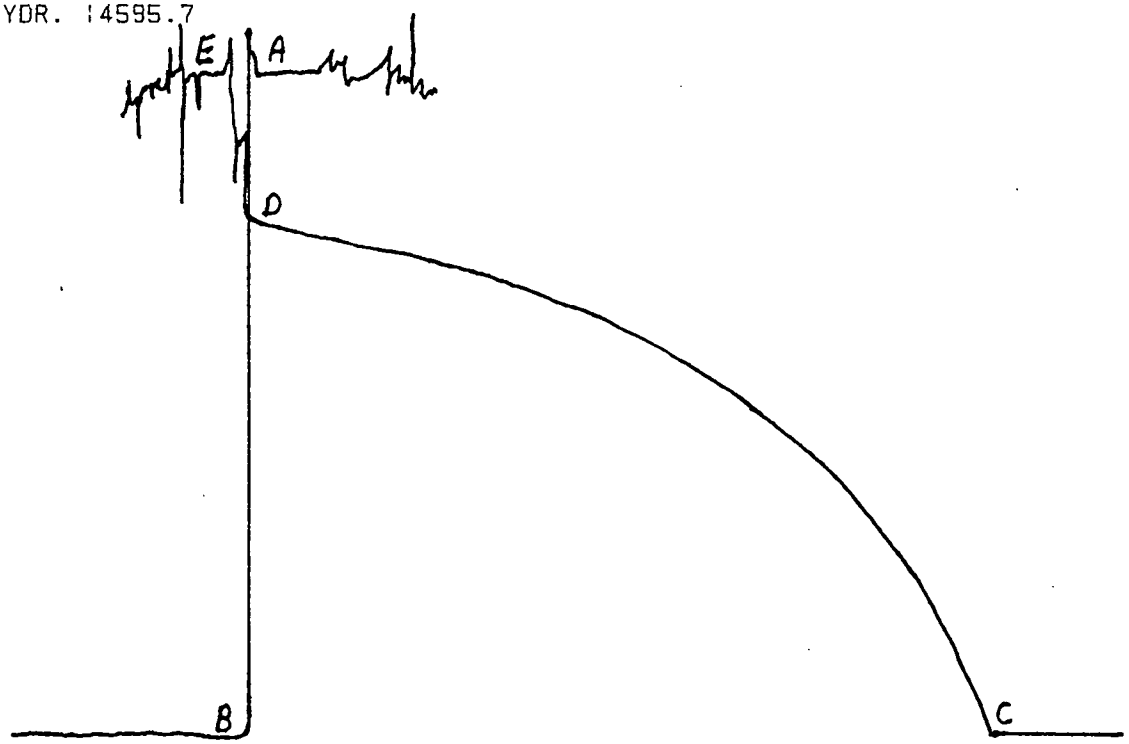
PRESSURE CHART SUMMARY

SCHLUMBERGER

RECORDER TYPE: J200 AT DEPTH: 9624 FT AT POSITION: INTERVAL
RECORDER SER.#: 448 CLK #: ---- CAPACITY: 6400 TEMP:243 HRS: 48

LABEL	POINT	PRESS.
A	INIT. HYDR.	4594.7
B	1ST FLOW-I	301.3
C	1ST FLOW-F	361.3
D	1ST SHUT-IN	3644.9
E	FINAL HYDR.	4595.7

TRACED CHART



RECORDER TYPE:J200 AT DEPTH: 9587
POSITION:ABOVE INTERVAL REC#:577
CAPACITY:6400 PSI TEMP:243 F HRS: 96
EQUATION= K=1252.749 a= +10.429
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
INIT. HYDR.	4599.5
1ST FLOW-I	311.7
1ST FLOW-F	335.4
1ST SHUT-IN	3607.8
FINAL HYDR.	4600.8

RECORDER TYPE:J200 AT DEPTH: 9568
POSITION: RECOVERY REC#: 2388
CAPACITY:6400 PSI TEMP:243 F HRS: 96
EQUATION= K=1238.139 a= + 2.344
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
1ST FLOW START	STAIR-STEP
1ST FLOW END	STAIR-STEP

COMPANY: SANTOS
WELL : KUDIEKE #2
DST # : THREE
DATE : NOV. 13, 1988
ZONE : PATCHAWARRA

FORMATION TESTING REPORT

CHART BREAKDOWN

SCHLUMBERGER

RECORDER NO. 448 AT 9624 FT.

FIRST FLOW PERIOD

MINS.	DEFL.	PRESS.	LOG ET	
	3.7462	4594.7		INITIAL HYDRO
0	0.2350	301.3		INITIAL FLOW
10	0.2615	333.8	1.00	
20	0.2699	344.0	1.30	
30	0.2710	345.4	1.48	
40	0.2727	347.4	1.60	
50	0.2735	348.4	1.70	
60	0.2765	352.1	1.78	
70	0.2798	356.1	1.85	
80	0.2828	359.8	1.90	
90	0.2840	361.3	1.95	FINAL FLOW

COMPANY: SANTOS
WELL : KUDRIEKE #2
DST # : THREE
DATE : NOV. 13, 1988
ZONE : PATCHAWARRA

FORMATION TESTING REPORT

SCHLUMBERGER*

CHART BREAKDOWN

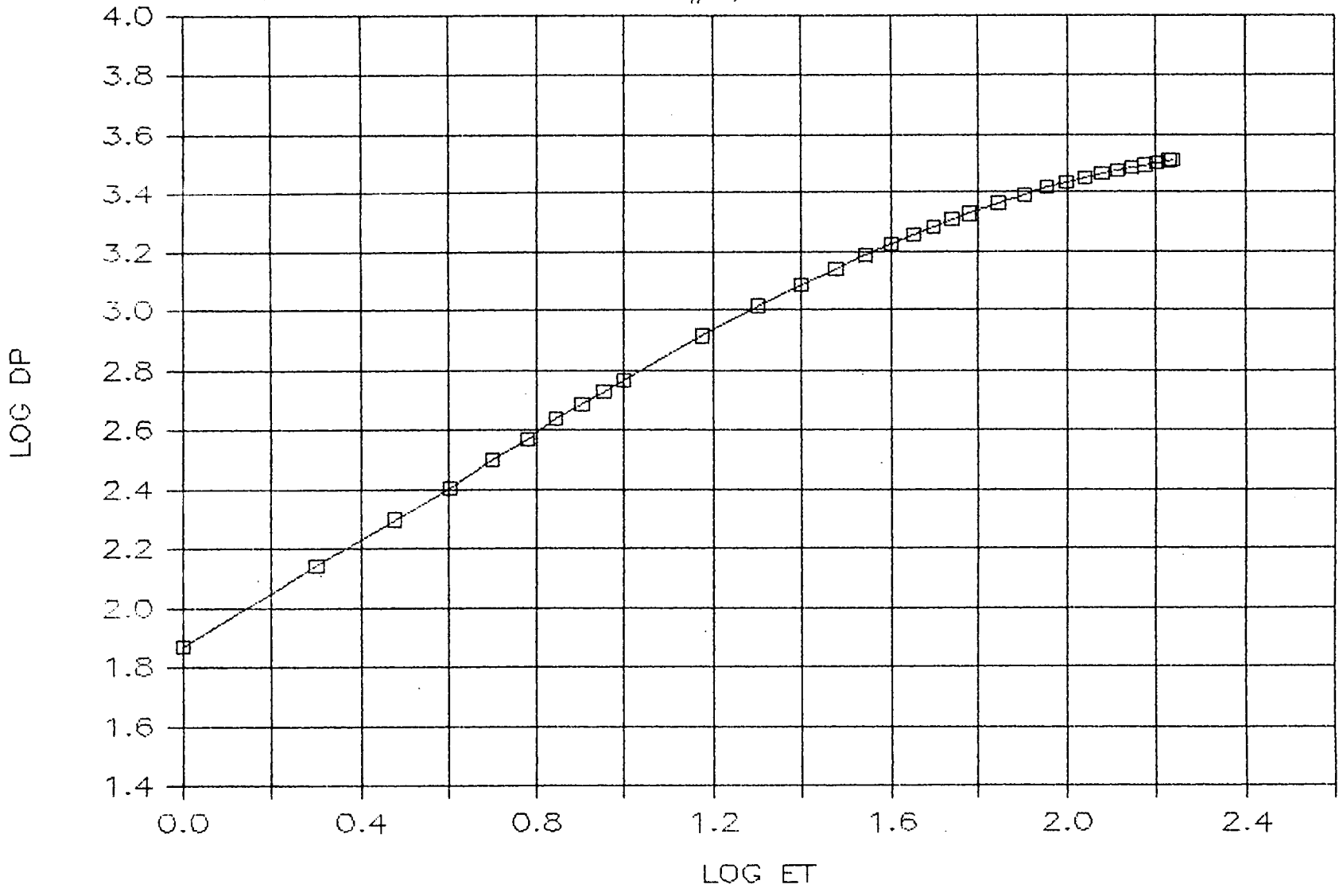
RECORDER NO. 448 AT 9624 FT.

FIRST SHUT-IN PERIOD

MINS.	DEFL.	PRESS.	LOG ET	LOG DP	T+DT/DT	LOG	PBU-PWF
0.00	0.2840	361.3	FINAL FLOW				
1.00	0.3450	435.9	0.00	1.87	91.00	1.96	74.6
2.00	0.3969	499.3	0.30	2.14	46.00	1.66	138.0
3.00	0.4470	560.6	0.48	2.30	31.00	1.49	199.3
4.00	0.4920	615.6	0.60	2.41	23.50	1.37	254.3
5.00	0.5437	678.8	0.70	2.50	19.00	1.28	317.5
6.00	0.5886	733.7	0.78	2.57	16.00	1.20	372.4
7.00	0.6388	795.1	0.85	2.64	13.86	1.14	433.8
8.00	0.6820	847.9	0.90	2.69	12.25	1.09	486.6
9.00	0.7222	897.1	0.95	2.73	11.00	1.04	535.8
10.00	0.7632	947.2	1.00	2.77	10.00	1.00	585.9
15.00	0.9554	1182.2	1.18	2.91	7.00	0.85	820.9
20.00	1.1314	1397.4	1.30	3.02	5.50	0.74	1036.1
25.00	1.2819	1581.5	1.40	3.09	4.60	0.66	1220.2
30.00	1.4195	1749.7	1.48	3.14	4.00	0.60	1388.4
35.00	1.5470	1905.6	1.54	3.19	3.57	0.55	1544.3
40.00	1.6654	2050.4	1.60	3.23	3.25	0.51	1689.1
45.00	1.7722	2181.0	1.65	3.26	3.00	0.48	1819.7
50.00	1.8677	2297.7	1.70	3.29	2.80	0.45	1936.4
55.00	1.9550	2404.5	1.74	3.31	2.64	0.42	2043.2
60.00	2.0360	2503.5	1.78	3.33	2.50	0.40	2142.2
70.00	2.1803	2680.0	1.85	3.37	2.29	0.36	2318.7
80.00	2.3075	2835.5	1.90	3.39	2.13	0.33	2474.2
90.00	2.4182	2970.9	1.95	3.42	2.00	0.30	2609.6
100.00	2.5151	3089.4	2.00	3.44	1.90	0.28	2728.1
110.00	2.5990	3192.0	2.04	3.45	1.82	0.26	2830.7
120.00	2.6735	3283.0	2.08	3.47	1.75	0.24	2921.7
130.00	2.7372	3360.9	2.11	3.48	1.69	0.23	2999.6
140.00	2.7955	3432.2	2.15	3.49	1.64	0.22	3070.9
150.00	2.8497	3498.5	2.18	3.50	1.60	0.20	3137.2
160.00	2.8964	3555.6	2.20	3.50	1.56	0.19	3194.3
170.00	2.9410	3610.1	2.23	3.51	1.53	0.18	3248.8
173.00	2.9694	3644.9	2.24	3.52	1.52	0.18	3283.6
	3.7470	4595.7	FINAL	HYDRO			

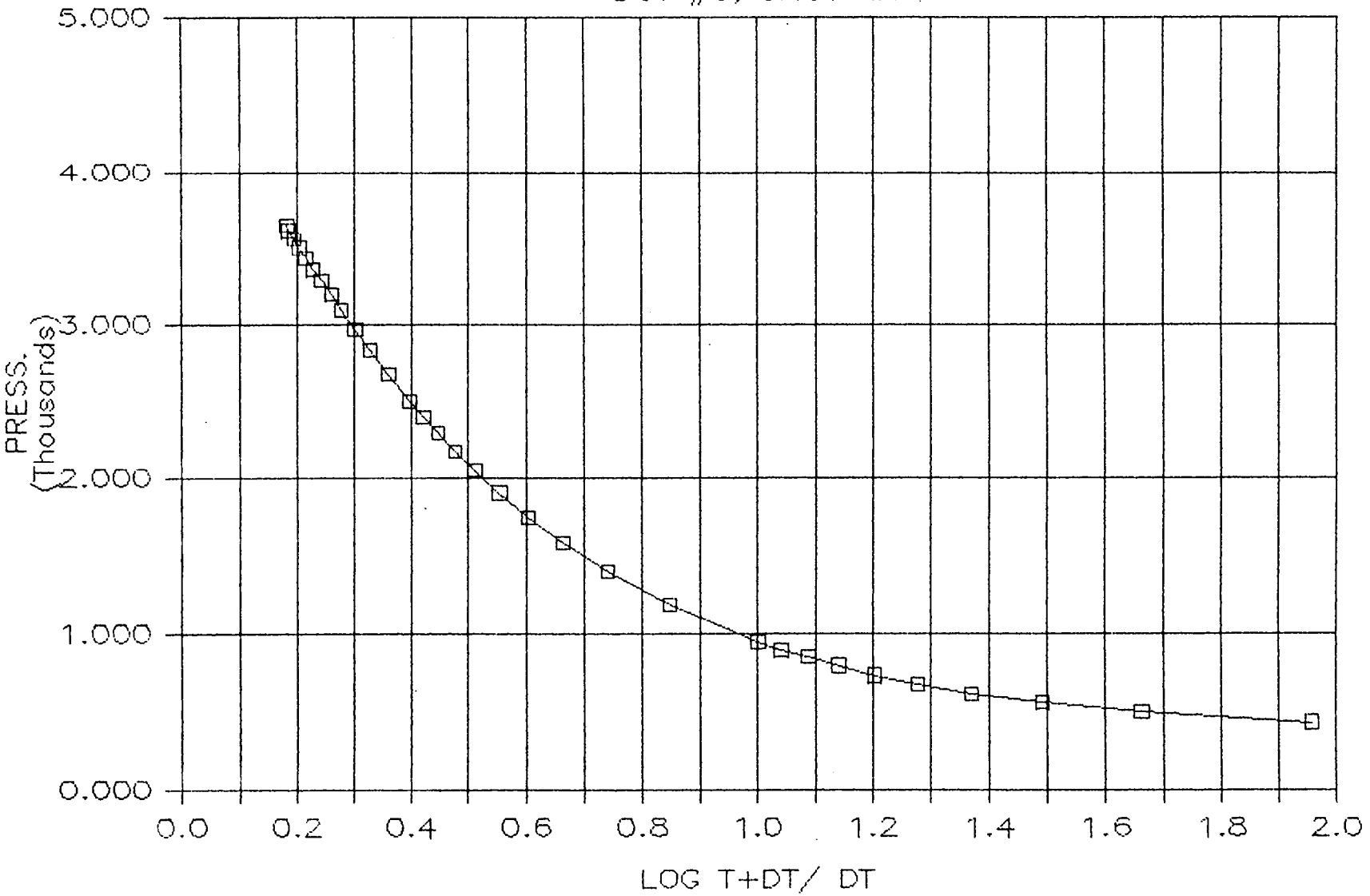
SANTOS, KUDRIEKE #2

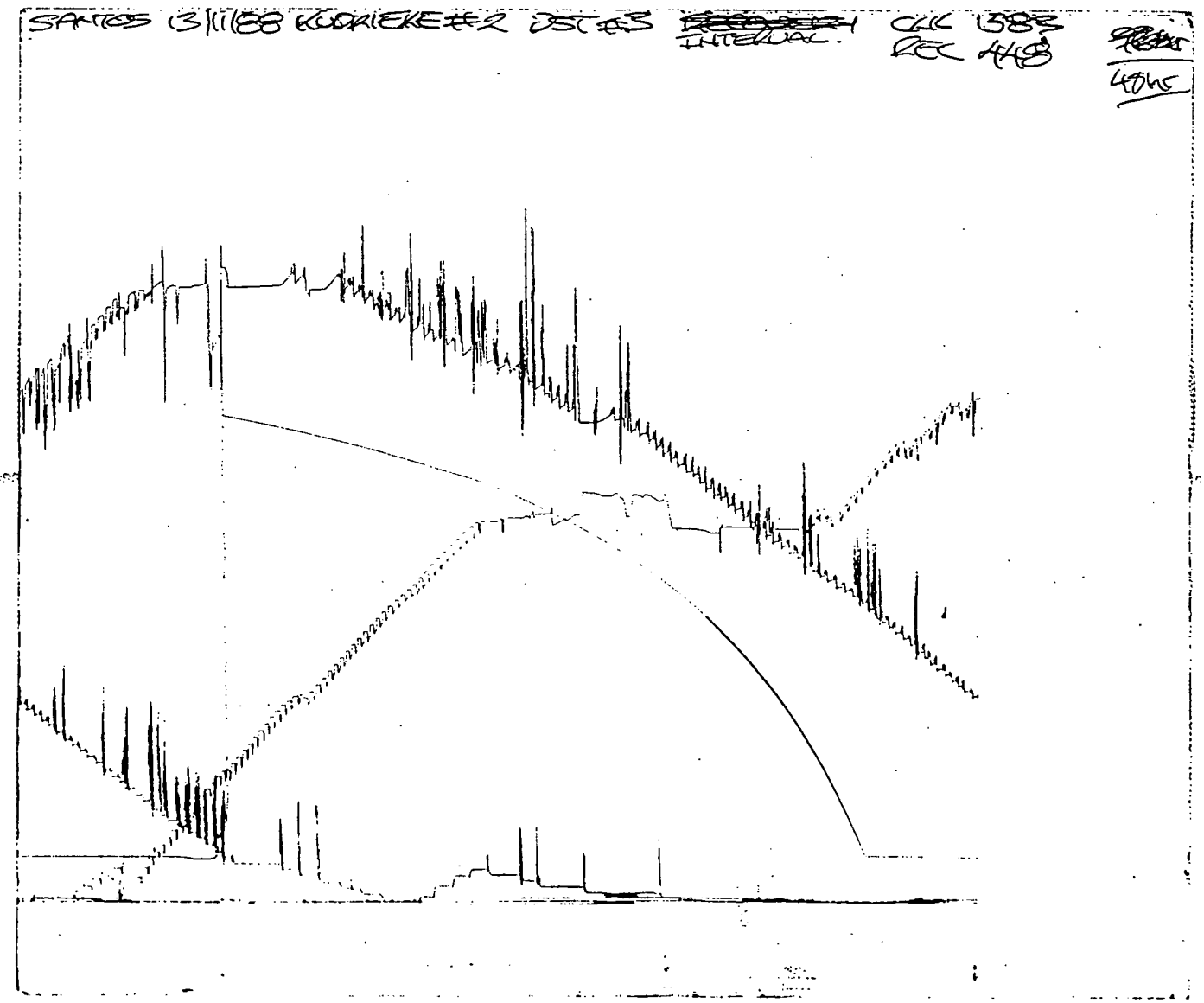
DST #3, SHUT-IN



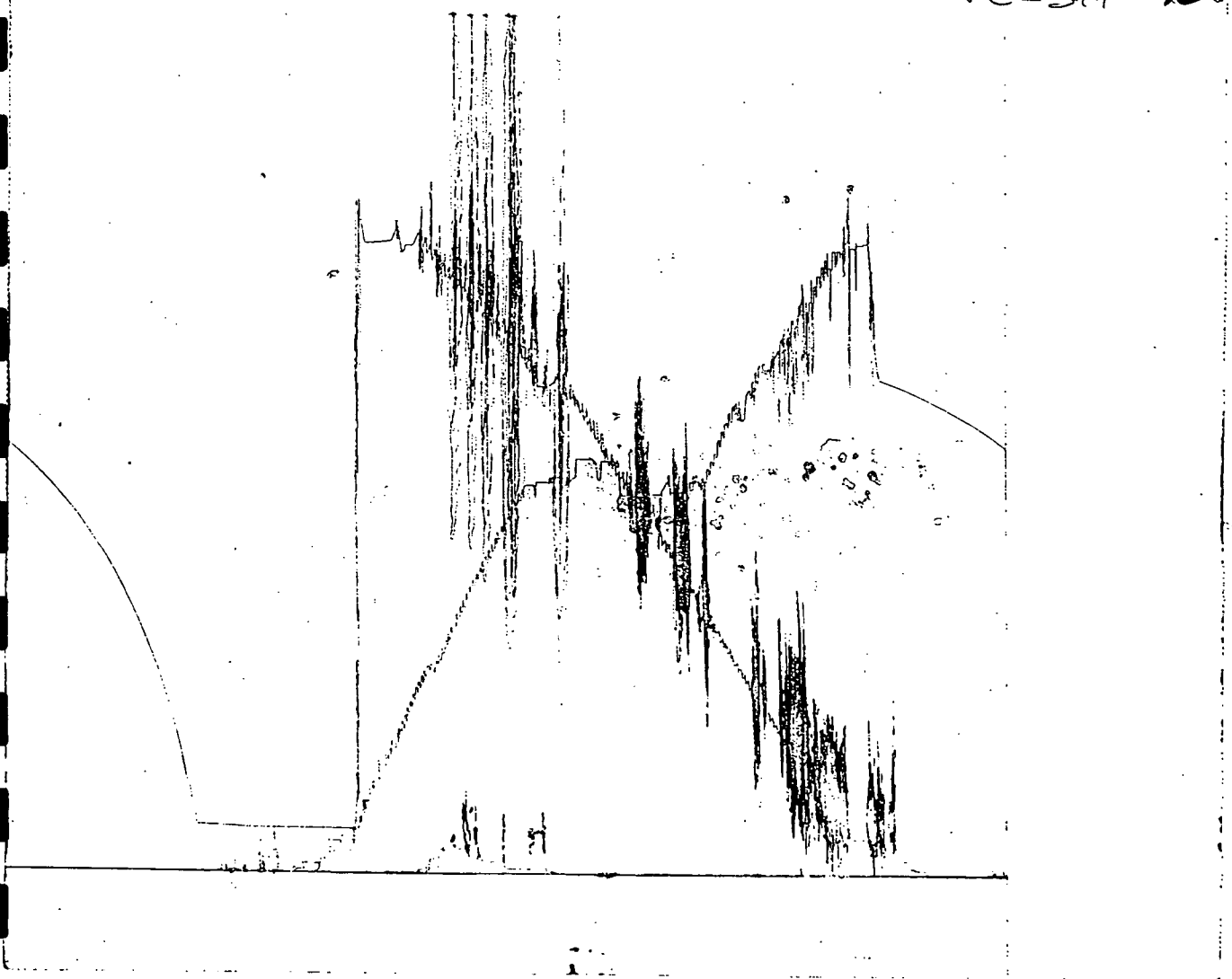
SANTOS, KUDRIEKE #2

DST #3, SHUT-IN

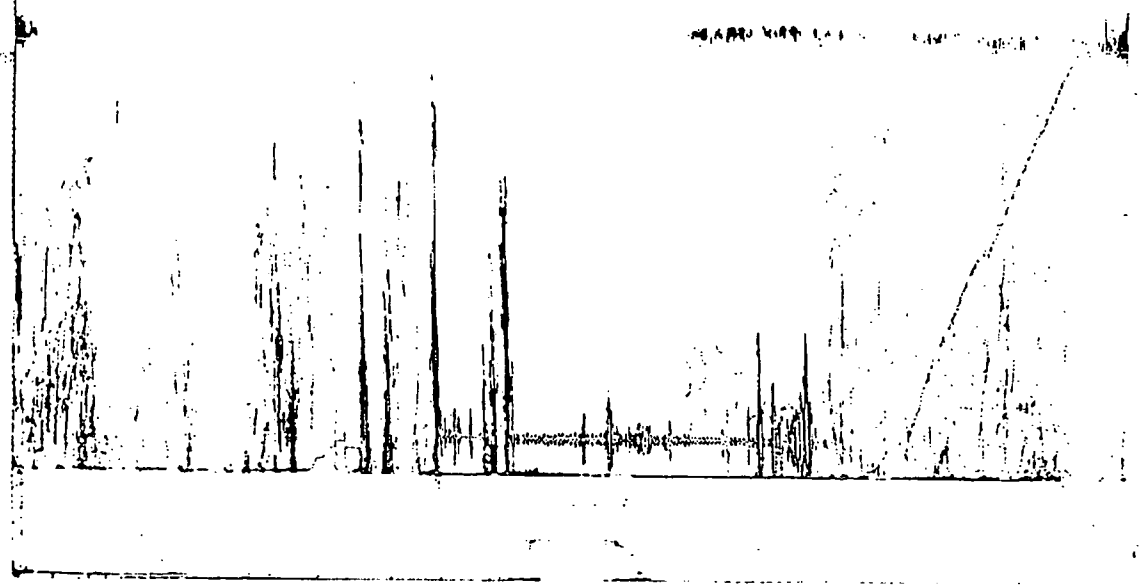



SANTOS 13/11/88 KOORIEKE#2 DST#3
INTERVAL
CHK 385
REC 448
4045

SANTOS 13/11/88 KORREKE #2 DST#3 BELOW MEE CAL 3775
REC 577



SANTOS 3/11/88 KUPREKE #2 DST #3 ~~FLOWRATE~~ CHK 16/23
RECOVERY REC 2388 9CHF

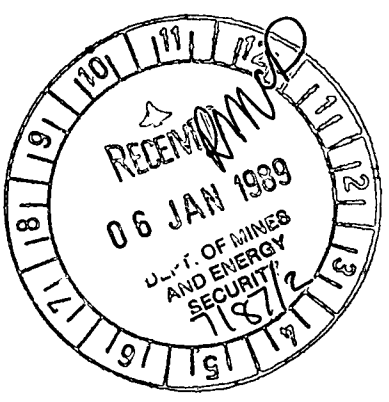


|**********|
|***SCHLUMBERGER***|
|**********|

FORMATION TESTING REPORT

COMPANY: SANTOS
WELL : KUDRIEKE #2
DST # : FIVE
DATE : NOVEMBER 18, 1988
ZONE : TIRRAWARRA

REPORT DATE: DEC. 12, 1988



COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :FIVE
DATE :NOV. 18/88
ZONE :TIRRAWARRA

FORMATION TESTING REPORT

SCHLUMBERGER

WELL/JOB DATA

TOTAL DEPTH	: 9068 FEET	EST. POROSITY	: 9%
TEST INTERVAL	: 9781-10,068	EST. PROD. INT.	: N/A
TEST TYPE	: BOTTOM HOLE CONV.	FORMATION	: TIRRAWARRA
HOLE SIZE	: 8.5 INCH	LITHOLOGY	: NA
GROUND ELEVATION	: 128 FEET	MUD TYPE	: GEL
K.B. ELEVATION	: 149 FEET	MUD WT.	: 9.3 LB/GAL
RAT HOLE SIZE	: NONE	VISCOSITY	: 40
SURFACE CASING	: 9 5/8 INCH, 36 LB.	WATER LOSS	: 9.0
SANTOS REP.	: A WILKINSON	CUSHION TYPE	: NONE
SCHLUMBERGER REP	: R. MASCORD	CUSHION LENGTH	: NONE
RIG NAME	: O.D.E.	CUSHION VOLUME	: NONE
RIG #	: 23	BOTTOM CHOKE	: 3/4 INCH

TOOL SEQUENCE	O.D.INCH	I.D.INCH	LENGTH	DEPTH FEET
STICK-UP			-25.00	
DRILL PIPE	4.5	3.826	9263.42	
HEAVY WEIGHT	4.5	2.812	NONE	
DRILL COLLARS	6.25	2.812	489.23	
PUMP OUT SUB	6.25	2.75	1.17	
KNOCK OUT SUB	6.25	2.75	.97	
CROSSOVER	6.25	2.25	1.17	
RECORDER # 577	4.87	2.25	5.92	9738
M.F.E. TOOL	5.00	.75	9.68	
BYPASS	5.00	2.00	3.17	
REC #448	4.87	2.25	5.92	9758
JARS	4.75	1.87	7.20	
SAFETY JOINT	4.75	2.25	1.98	
PACKER	7.50	2.00	7.20	
PACKER	7.50	2.00	5.89	9781
PACKER STUB	7.50	2.00	1.27	
PERFORATED ANCHOR	4.75	2.25	28.00	
RECORDER #1756	4.87	2.25	5.92	9816.0 FT
CROSSOVER	6.25	2.25	1.17	
DRILLCOLLAR	6.25	2.812	244.78	
CROSSOVER	6.25	2.25	1.17	
PERFORATED ANCHOR	4.75	2.25	4.00	
BULLNOSE	4.75	0.00	1.00	

COMPANY:SANTOS | FORMATION TESTING REPORT | **********
WELL :KUDRIEKE #2 | SEQUENCE OF EVENTS | **********
DST # :FIVE | FLOW AND SHUT-IN DATA | ***SCHLUMBERGER***
DATE :NOV. 18, 1988 | SURFACE / BLOW DATA | **********
ZONE :TIRRAWARRA | RECOVERY / SAMPLER DATA | **********

SEQUENCE OF EVENTS

TIME	EVENT
00:00	START TOOLS
01:30	START RUNNING COLLARS
05:40	ON BOTTOM-HEAD UP
05:56	TOOL OPEN
09:58	TOOL SHUT-LOST PACKER SEAT
10:02	RESET PACKERS
13:02	PULL LOOSE
15:30	REVERSING OUT
19:30	AT TOOLS
22:30	TOOLS LAYED OUT

FLOW AND SHUT-IN DATA

PERIOD	DATE	TIME	MINS.
1ST FLOW-I	NOV18/88	05:56	
1ST FLOW-F	NOV18/88	09:58	182
1ST SHUT-IN	NOV18/88	13:02	180
2ND FLOW-I			
2ND FLOW-F			
2ND SHUT-IN			
PULL LOOSE	NOV18/88	13:02	

SURFACE OBSERVATIONS / BLOW DATA

1ST FLOW: WEAK BLOW GAS TO SURFACE IN FIFTEEN MINUTES

1ST SHUT-IN:

2ND FLOW:

2ND SHUT-IN:

FLUID RECOVERY DESCRIPTIONS	FEET	BLLS.	BOTTOM-HOLE SAMPLER RECOVERY
OIL	80	1.5	NOT REPORTED, IF PACKER SEAT WAS LOST RECOVERY IN SAMPLE CHAMBER
MUD CUT WATER	550	5.2	WOULD BE MUD

COMMENTS: LOST PACKER SEAT WHEN SHUTTING IN TOOL, RESET PACKERS TO ATTEMPT SHUT-IN PRESSURE

COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :FIVE
DATE :JAN. 18, 1988
ZONE :TIRRAWARRA

FORMATION TESTING REPORT

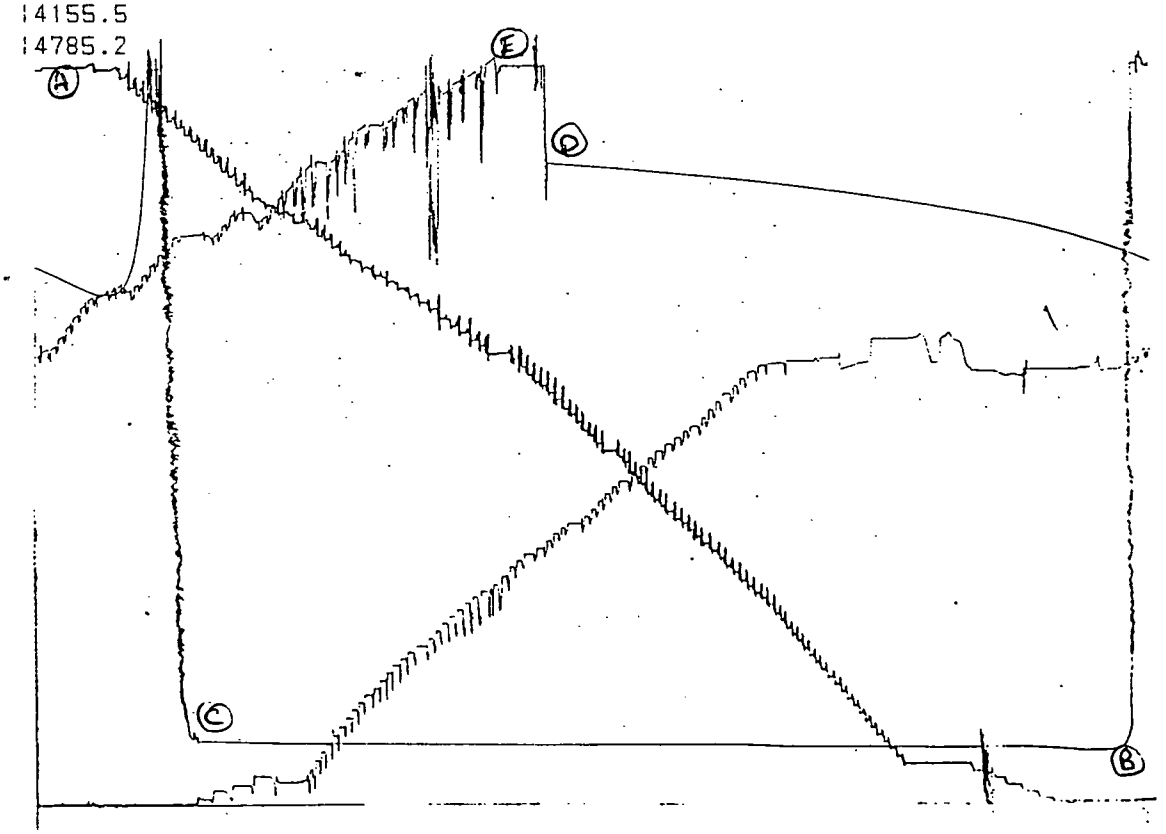
PRESSURE CHART SUMMARY

SCHLUMBERGER

RECORDER TYPE: J200 AT DEPTH: 9758 FT AT POSITION: ABOVE INTERVAL
RECORDER SER.#: 448 CLK #: ---- CAPACITY: 6400 TEMP:270 F HRS: 48

LABEL	POINT	PRESS.
A	INIT. HYDR.	4780.3
B	1ST FLOW-I	353.9
C	1ST FLOW-F	424.8
D	1ST SHUT-IN	4155.5
E	FINAL HYDR.	4785.2

TRACED CHART



RECORDER TYPE:J200 AT DEPTH: 9816.0
POSITION:INTERVAL REC#:1756
CAPACITY:6400 PSI TEMP:270 F HRS: 96
EQUATION= K=1247.299 a= +14.1
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
INIT. HYDR.	4806.2
1ST FLOW-I	368.3
1ST FLOW-F	424.4
1ST SHUT-IN	4165.1
FINAL HYDR.	4787.5

RECORDER TYPE:J200 AT DEPTH: 9738.0
POSITION: RECOVERY REC#: 577
CAPACITY:6400 PSI TEMP:270 F HRS: 96
EQUATION= K=1238.14 a= + 2.3
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
1ST FLOW START	243.7
1ST FLOW END	397.3

COMPANY: SANTOS | FORMATION TESTING REPORT | ***SCHLUMBERGER****
WELL : KUDREIKE #2 | | ****************
DST # : FIVE | CHART BREAKDOWN | ****************
DATE : NOV. 18, 1988 | | ****************
ZONE : TIRRAWARRA | | ****************

RECORDER NO. 448 AT 9758 FT. FIRST FLOW PERIOD

MINS.	DEFL.	PRESS.	LOG ET	
	3.8980	4780.3		INITIAL HYDRO
0	0.2780	353.9		INITIAL FLOW
20	0.2940	373.4	1.30	
40	0.2960	375.9	1.60	
60	0.2980	378.4	1.78	
80	0.3010	382.1	1.90	
100	0.3130	396.7	2.00	
120	0.3140	397.9	2.08	
140	0.3170	401.6	2.15	
160	0.3180	402.8	2.20	
180	0.3210	406.5	2.26	
200	0.3230	408.9	2.30	
220	0.3270	413.8	2.34	
242	0.3360	424.8	2.38	FINAL FLOW

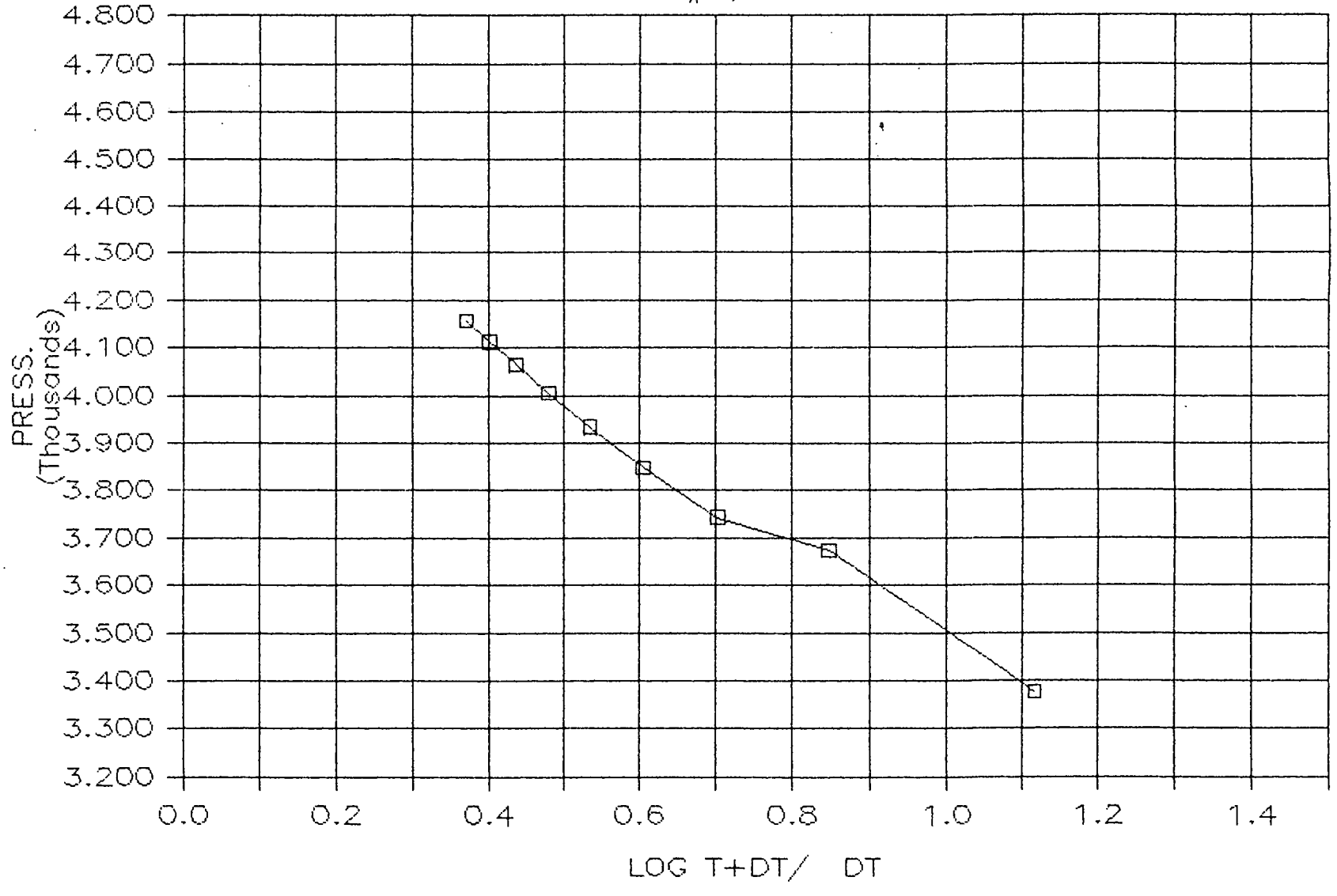
COMPANY: SANTOS | FORMATION TESTING REPORT | ***SCHLUMBERGER***
WELL : KUDRIEKE #2 | CHART BREAKDOWN |
DST # : FIVE |
DATE : NOV.18, 1988 |
ZONE : TIRRAWARRA |

RECORDER NO. 448 AT 9758 FT. FIRST SHUT-IN PERIOD

MINS.	DEFL.	PRESS.	LOG ET	LOG DP	T+DT/DT	LOG	PBU-PWF
0.00	0.3360	424.8	FINAL	FLOW			
20.00	2.7510	3377.8	1.30	3.47	13.10	1.12	2953.0
40.00	2.9930	3673.7	1.60	3.51	7.05	0.85	3248.9
60.00	3.0500	3743.4	1.78	3.52	5.03	0.70	3318.6
80.00	3.1360	3848.5	1.90	3.53	4.03	0.60	3423.7
100.00	3.2060	3934.2	2.00	3.55	3.42	0.53	3509.4
120.00	3.2640	4005.1	2.08	3.55	3.02	0.48	3580.3
140.00	3.3120	4063.8	2.15	3.56	2.73	0.44	3639.0
160.00	3.3520	4112.7	2.20	3.57	2.51	0.40	3687.9
180.00	3.3870	4155.5	2.26	3.57	2.34	0.37	3730.7
			FINAL	HYDRO			

SANTOS, KUDRIEKE #2

DST #5, SHUT-IN



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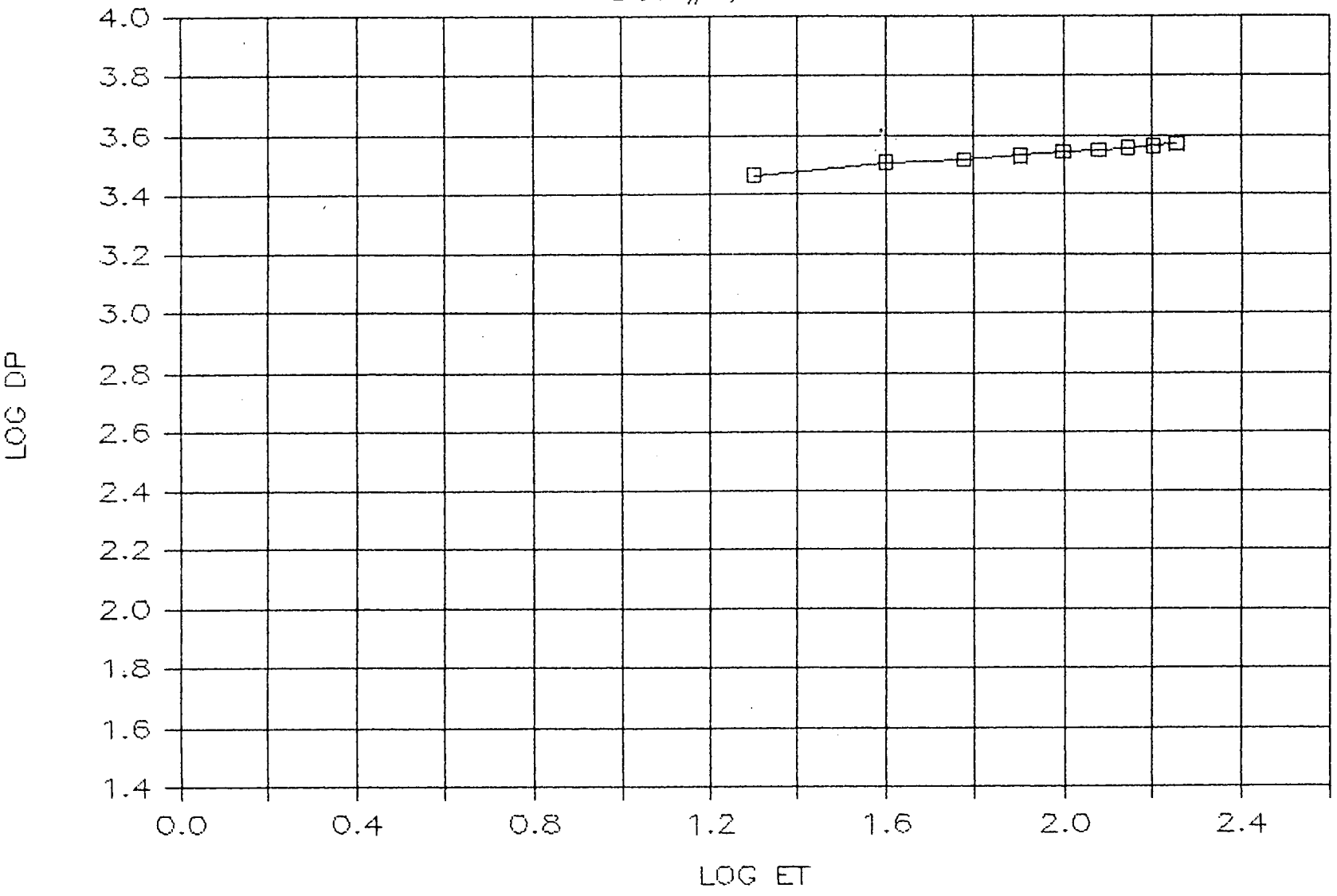
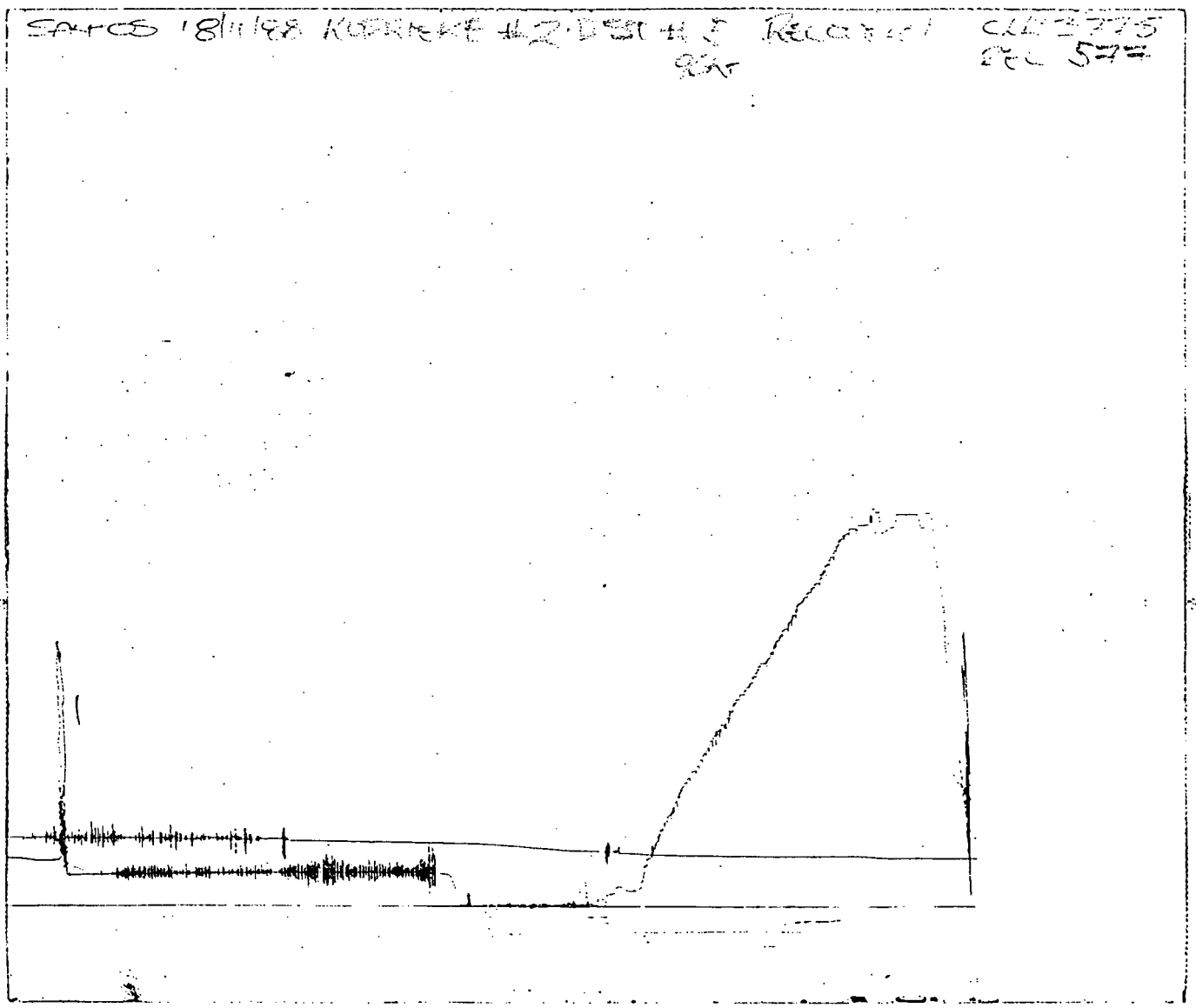
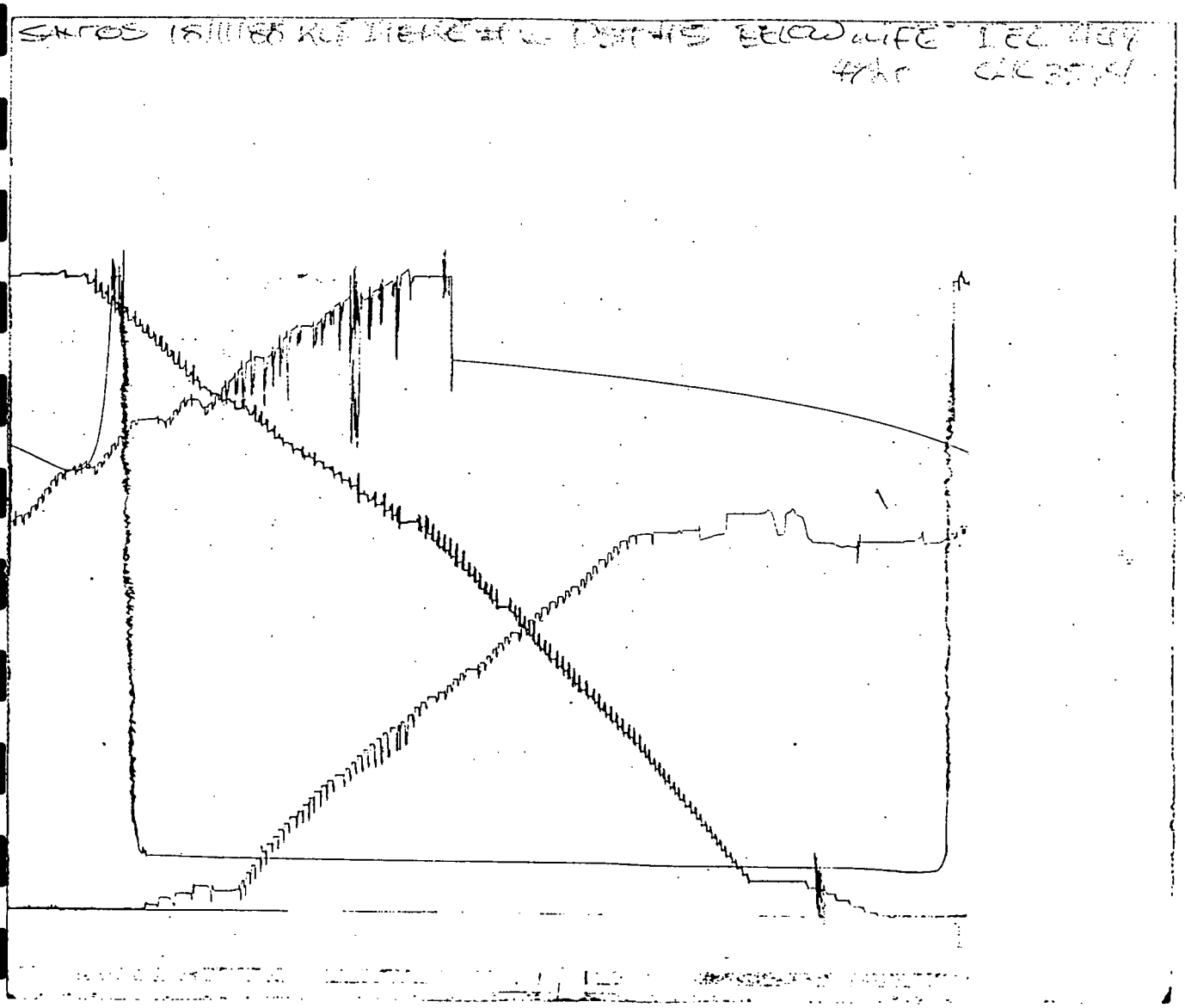
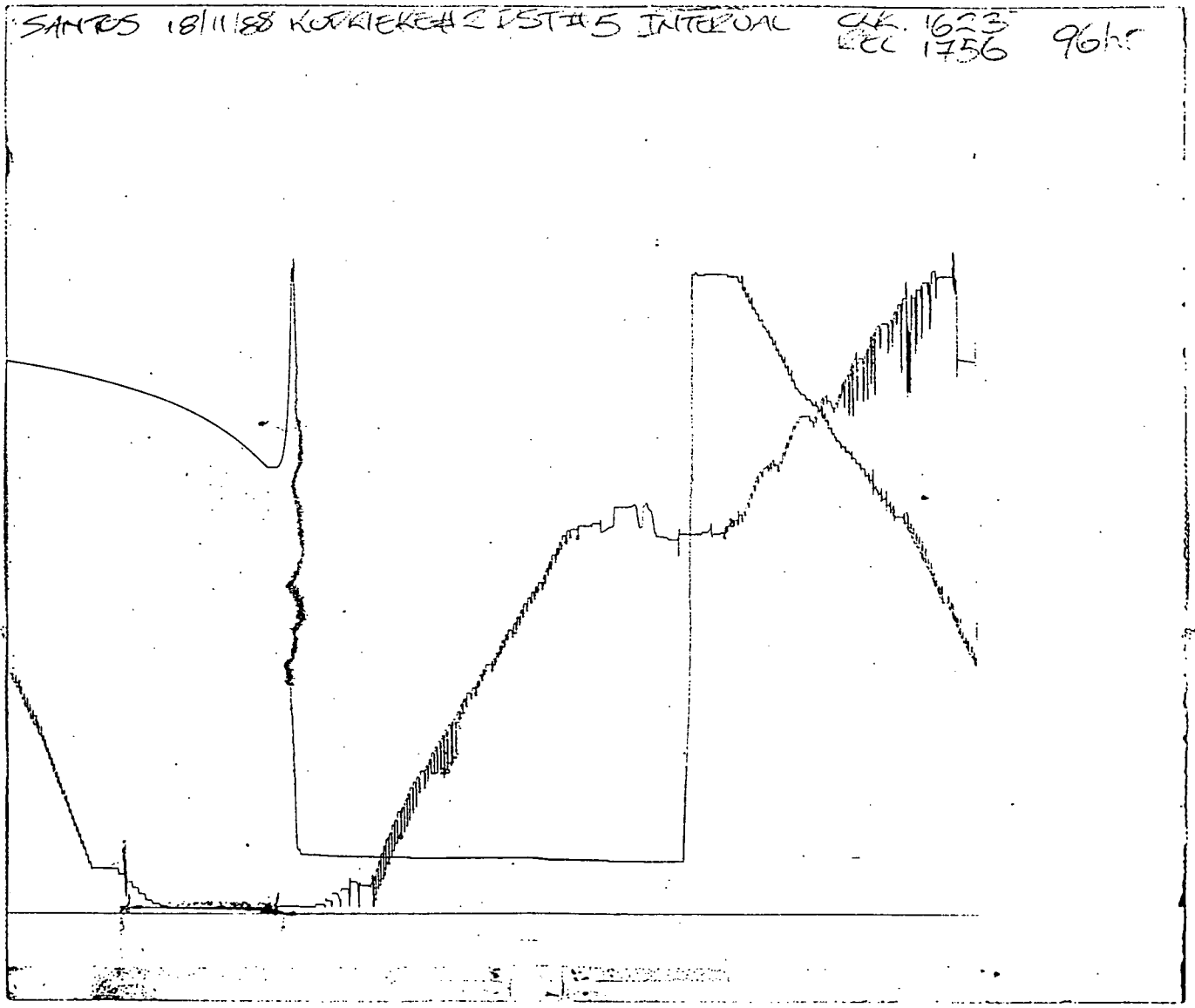
SANTOS, KUDRIEKE #2

DST #5, SHUT-IN







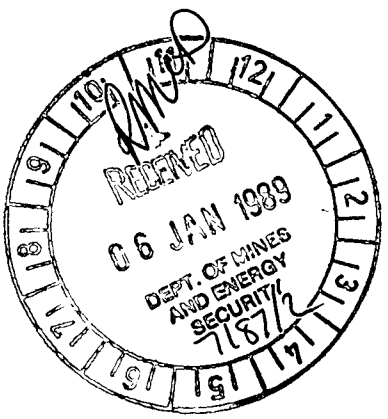

SANTOS 18/11/88 KOOKIEKEALDST#5 INTERVAL
CLK. 1623
ECC 1756
96hr

|**********|
|***SCHLUMBERGER***|
|**********|

FORMATION TESTING REPORT

COMPANY: SANTOS
WELL : KUDRIEKE #2
DST # : SIX
DATE : NOVEMBER 19, 1988
ZONE : PATCHAWARRA

REPORT DATE: DEC. 12, 1988



COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :SIX
DATE :NOV. 19, 1988
ZONE :PATCHAWARRA

FORMATION TESTING REPORT

SCHLUMBERGER

WELL/JOB DATA

TOTAL DEPTH	: 10068 FEET	EST. POROSITY	: 9%
TEST INTERVAL	: 9716-9772	EST. PROD. INT.	: NA
TEST TYPE	: CONVENTIONAL STRADDLE	FORMATION	: PATCHAWARRA
HOLE SIZE	: 8.5 INCH	LITHOLOGY	: NA
GROUND ELEVATION	: NA FEET	MUD TYPE	: GEL
K.B. ELEVATION	: NA FEET	MUD WT.	: 9.4 LB/GAL
RAT HOLE SIZE	: NONE	VISCOSITY	: 48
SURFACE CASING	: 9 5/8 INCH, 36 LB.(INT)	WATER LOSS	: 10 CC
SANTOS REP.	: A WILKINSON	CUSHION TYPE	: NONE
SCHLUMBERGER REP	: R MASCORD	CUSHION LENGTH	: NONE
RIG NAME	: O.D.E.	CUSHION VOLUME	: NONE
RIG #	: 23	BOTTOM CHOKE	: 3/4 INCH

TOOL SEQUENCE	O.D.INCH	I.D.INCH	LENGTH	DEPTH FEET
STICK-UP			-24.00	
DRILL PIPE	4.5	3.826	9221.69	
HEAVY WEIGHT	4.5	2.812	NONE	
DRILL COLLARS	6.25	2.812	457.88	
PUMP OUT SUB	6.25	2.75	1.17	
KNOCK OUT SUB	6.25	2.75	.97	
CROSS-OVER	6.25	2.75	1.17	
RECORDER # 577	4.87	2.25	5.92	9668
M.F.E. TOOL	5.0	.75	9.87	
BY-PASS	5.0	.75	3.03	
RECORDER # 1756	4.87	2.25	5.92	9686
RECORDER # 488	4.87	2.25	5.92	9692
JARS	4.75	1.87	7.20	
SAFETY JOINT	4.75	2.46	1.98	
FLO-SUB	4.75	2.46	1.00	
PACKER	7.75	2.25	7.20	
PACKER	7.75	2.25	5.93	9716
STUB	7.75	2.25	1.27	
PERF	4.75	2.46	17.00	
RECEIVER SUB	4.75	2.25	1.00	
CROSS-OVER	6.25	2.75	1.20	
COLLAR	6.25	2.75	30.77	
CROSS-OVER	6.25	2.75	1.25	
STUB	7.75	2.25	3.60	
PACKER	7.75	2.25	3.60	9772
PACKER	7.04	2.25	7.20	
CROSS-OVER	6.25	2.75	1.17	
COLLARS	6.25	2.82	276.07	
CROSS-OVER	6.25	2.75	1.17	
PERF	4.75	2.46	6.00	
BULLNOSE	4.75	BLANK	1.00	

COMPANY:SANTOS | FORMATION TESTING REPORT | ********** |
WELL :KUDRIEKE #2 | SEQUENCE OF EVENTS | ********** |
DST # :SIX | FLOW AND SHUT-IN DATA | ***SCHLUMBERGER*** |
DATE :NOV. 19, 1988 | SURFACE / BLOW DATA | ********** |
ZONE :PATCHAWARRA | RECOVERY / SAMPLER DATA | **********

SEQUENCE OF EVENTS

TIME	EVENT
11:00	START TOOLS
13:30	START RUNNING COLLARS
17:00	ON BOTTOM-HEAD UP
17:24	TOOL OPEN
17:31	RE-CYCLE TOOL AT CO. MAN REQUEST
17:34	TOOL OPEN
17:43	PULL LOOSE
17:45	TOOL OPEN
19:17	PULL LOOSE
24:00	REVERSE OUT
05:30	LAY OUT TOOLS
07:00	TOOLS LAYED OUT

FLOW AND SHUT-IN DATA

PERIOD	DATE	TIME	MINS.
1ST FLOW-I	NOV19/88	17:45	
1ST FLOW-F	NOV19/88	19:17	92
1ST SHUT-IN			
2ND FLOW-I			
2ND FLOW-F			
2ND SHUT-IN			
PULL LOOSE	NOV19/88	19:17	

SURFACE OBSERVATIONS / BLOW DATA

1ST FLOW:STRONG BLOW GAS TO SURFACE IN 58 MINS.

1ST SHUT-IN:

2ND FLOW:

2ND SHUT-IN:

FLUID RECOVERY DESCRIPTIONS	FEET	BLLS.
WATER CUSHION	1420	25
MUD	2220	36

BOTTOM-HOLE SAMPLER RECOVERY

NOT REPORTED, AS PACKER SEAT WAS LOST SAMPLE CHAMBER WOULD BE FULL OF DRILLING MUD

COMMENTS: LOST PACKER AFTER 90 MINS. FLOW. THEREFORE NO SHUT-IN DATA WAS OBTAINED.

COMPANY:SANTOS
WELL :KUDRIEKE #2
DST # :SIX
DATE :NOV. 19, 1988
ZONE :PATCHAWARRA

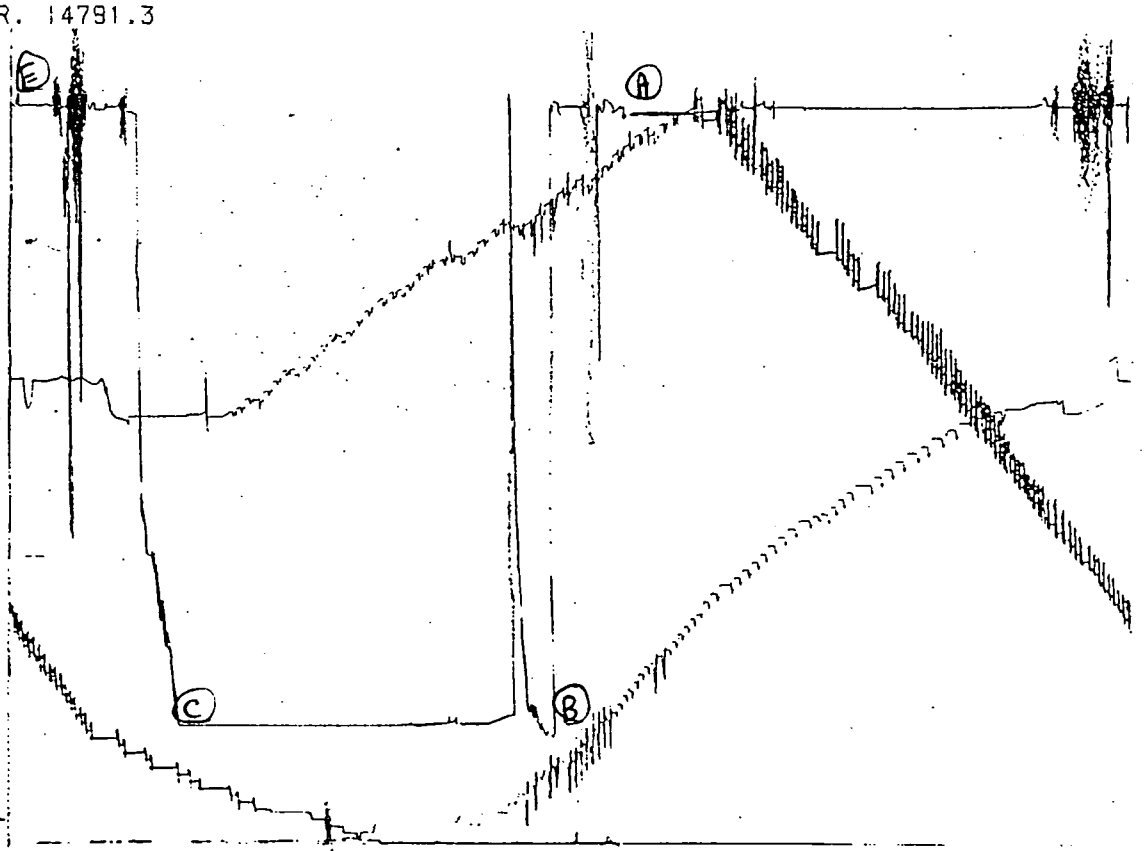
FORMATION TESTING REPORT
PRESSURE CHART SUMMARY

SCHLUMBERGER

RECORDER TYPE: J200 AT DEPTH: 9692.0 FT AT POSITION: ABOVE INTERVAL
RECORDER SER.#: 448 CLK #: ---- CAPACITY: 6400 TEMP:270 F HRS: 48

LABEL	POINT	PRESS.
A	INIT. HYDR.	4785.2
B	1ST FLOW-I	844.3
C	1ST FLOW-F	775.8
D	1ST SHUT-IN	
E	FINAL HYDR.	4791.3

TRACED CHART



RECORDER TYPE:J200 AT DEPTH: 9686
POSITION:ABOVE INTERVAL REC#:1756
CAPACITY:6400 PSI TEMP:270 F HRS: 96
EQUATION= 1247.29 a= + 14.1
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
INIT. HYDR.	CALIBRATION CHECK
1ST FLOW-I	NEEDED
1ST FLOW-F	
1ST SHUT-IN	
FINAL HYDR.	

RECORDER TYPE:J200 AT DEPTH: 9668
POSITION: RECOVERY REC#: 577
CAPACITY:6400 PSI TEMP:270 F HRS: 96
EQUATION= K=1238.14 a= + 2.3
PRESSURE=DEFLECTION INCH * K + a

POINT	PRESSURE
1ST FLOW START	776.1
1ST FLOW END	769.9

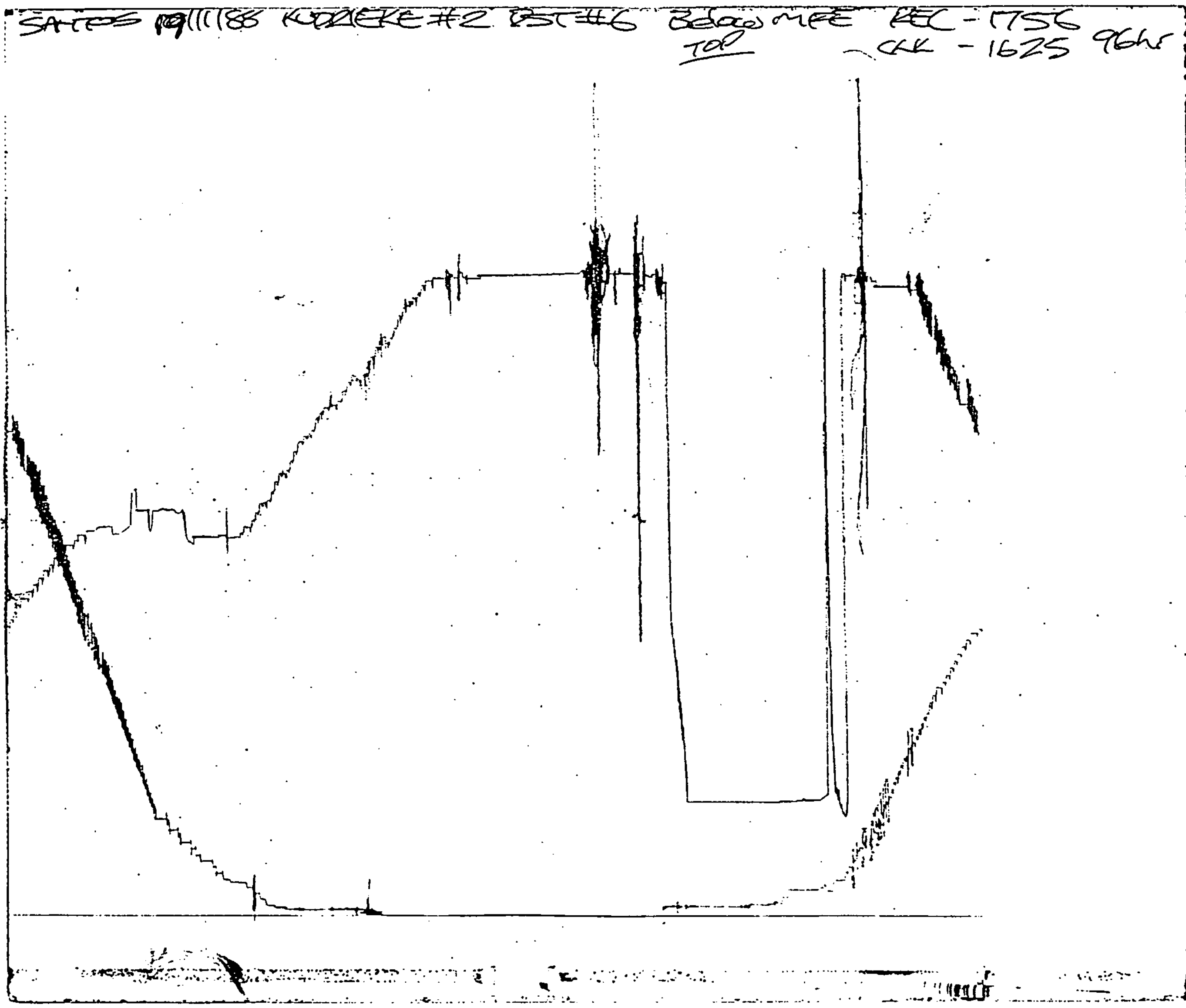
COMPANY: SANTOS
WELL : KUDREIKE #2
DST # : SIX
DATE : NOV. 19, 1988
ZONE : PATCHAWARRA

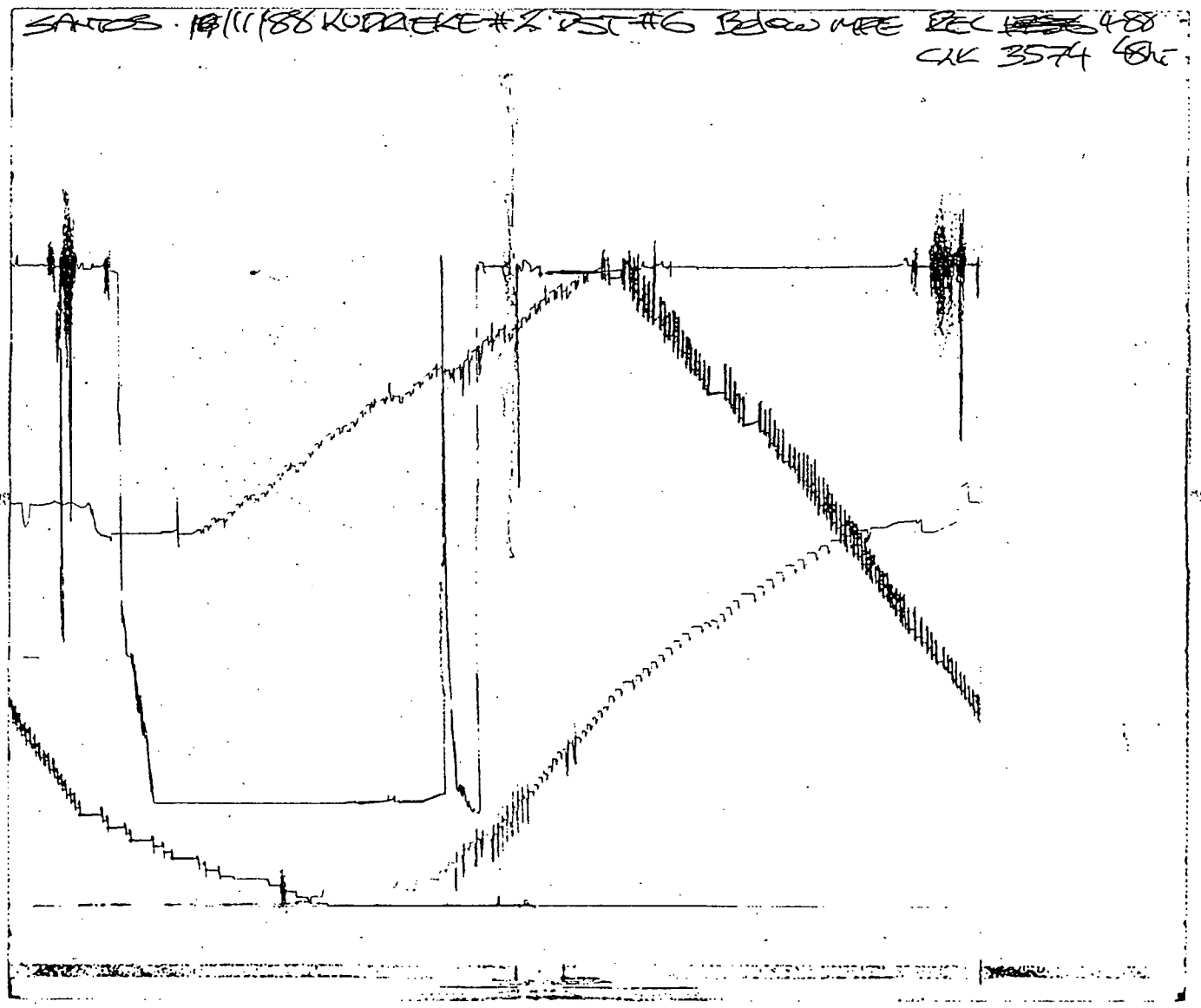
FORMATION TESTING REPORT
CHART BREAKDOWN

SCHLUMBERGER*

RECORDER NO. 448 AT 9692 FT. FIRST FLOW PERIOD

MINS.	DEFL.	PRESS.	LOG ET	
	3.9020	4785.2		INITIAL HYDRO
0	0.6790	844.3		INITIAL FLOW
10	0.6340	789.2	1.00	
20	0.6340	789.2	1.30	
30	0.6310	785.6	1.48	
40	0.6230	775.8	1.60	
50	0.6220	774.6	1.70	
60	0.6220	774.6	1.78	
70	0.6230	775.8	1.85	
80	0.6230	775.8	1.90	
92	0.6230	775.8	1.96	FINAL FLOW


SANTOS 19/11/88 KUDRIEKE #2 DST #6 8000 MFE REC - 1756
TOP
CLK - 1625 96hr


SANTOS · 18/11/88 KUDRAKE #2 DST #6 BLOW MEC REC 488
CHK 3574 48

SANTOS 19/11/88 KUDDERA#2 DST#6 RECOVERY DEC577 96k
CLK 3775