

PALM VALLEY #3

WELL TEST REPORT



L.N. FRANKS,
MAGELLAN PETROLEUM (N.T.) LIMITED

JULY 1987

DEPT. OF MINES & ENERGY
DO NOT REMOVE



P01010



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MAGELLAN PETROLEUM - WIRELINE OPS.
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26-7-87

- 0925 Shut well in to install swab valve (actuated cameron).
1045 Swab valve leaks badly, remove.
1200 Install gin pole to wellhead.
1330 Commence wireline rig up.
1630 Pressure lubricator.
1700 Open well to gas plant through 9% manual choke.
Hang tool in lubricator overnight.

27-7-87

- 0800 Commence flowing gradient.
0930 SPP - 13656 Kpa. at 12.1 deg. C.
EDL - 13654 Kpa. at 26.1 deg. C.
Vaetrix gauge - 13541 Kpag.
Well producing at 4590 M3/HR, 9% choke.
R.I.H.
0950 Hang gauge at 1000' KB.
1009 SPP - 13647 Kpa. at 12.8 deg. C.
EDL - 14060 Kpa. at 38.2 deg. C.
Well producing at 4620 M3/HR, 9% choke.
R.I.H.
1019 Hang gauge at 2000' KB.
1040 SPP - 13627 Kpa. at 14.9 deg. C.
EDL - 14415 Kpa. at 44.0 deg. C.

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1040 Well producing at 4620 M3/HR, 9% choke.

R.I.H.

1048 Hang gauge at 3000' KB.

1103 SPP - 13627 Kpa. at 15.5 deg. C.

EDL - 14762 Kpa. at 52.6 deg. C.

Well producing at 4610 M3/HR, 9% choke.

R.I.H.

1113 Hang gauge at 4000' KB.

1127 SPP - 13627 Kpa. at 15.0 deg. C.

EDL - 15112 Kpa. at 60.4 deg. C.

Well producing at 4605 M3/HR, 9% choke.

R.I.H.

1135 Hang gauge at 5000' KB.

1148 SPP - 13610 Kpa. at 14.6 deg. C.

EDL - 15431 Kpa. at 66.7 deg. C.

Well producing at 4590 M3/HR, 9% choke.

R.I.H.

1153 Hang gauge at 5500' KB.

1202 SPP - 13610 Kpa. at 15.3 deg. C.

EDL - 15615 Kpa. at 68.8 deg. C.

Well producing at 4580 M3/HR, 9% choke.

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1202 R.I.H.

1205 Hang gauge at 5750' KB.

1215 SPP - 13600 Kpa. at 16.0 deg. C.

EDL - 15775 Kpa. at 69.9 deg. C.

Well producing at 4590 M3/HR, 9% choke.

R.I.H.

1218 Hang gauge at 6000' KB.

1225 SPP - 13600 Kpa. at 16.2 deg. C.

EDL - 15893 Kpa. at 70.9 deg. C.

Well producing at 4590 M3/HR, 9% choke.

R.I.H.

1228 Hang gauge at 6155' KB. (Survey datum depth)

Well producing at 4580 M3/HR, 9% choke.

1400 SPP - 13583 Kpa. at 15.9 deg. C.

EDL - 15943 Kpa. at 71.4 deg. C.

Well producing at 4580 M3/HR, 9% choke.

1430 Increase choke setting 9% up to 11%.

1500 SPP - 13366 Kpa. at 15.4 deg. C.

EDL - 15728 Kpa. at 71.4 deg. C.

Well producing at 5200 M3/HR, 11% choke.

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1700 SPP - 13103 Kpa. at 19.1 deg. C.
EDL - 15737 Kpa. at 71.4 deg. C.
Well producing at 4800 M3/HR, 11% choke.

1745 Increase choke setting 11% up to 13%.

1800 SPP - 12732 Kpa. at 14.9 deg. C.
EDL - 15462 Kpa. at 71.4 deg. C.
Well producing at 5580 M3/HR, 13% choke.

2200 SPP - 12806 Kpa. at 7.2 deg. C.
EDL - 15513 Kpa. at 71.4 deg. C.
Well producing at 5190 M3/HR, 13% choke.

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0000 SPP - 12754 Kpa. at 6.2 deg. C.
EDL - 15505 Kpa. at 71.4 deg. C.

0200 SPP - 12720 Kpa. at 5.7 deg. C.
EDL - 15522 Kpa. at 71.4 deg. C.

0400 SPP - 12677 Kpa. at 4.6 deg. C.
EDL - 15539 Kpa. at 71.4 deg. C.

0600 SPP - 12651 Kpa. at 3.9 deg. C.
EDL - 15582 Kpa. at 71.4 deg. C.

0800 SPP - 12624 Kpa. at 7.4 deg. C.
EDL - 15608 Kpa. at 71.4 deg. C.
Well producing at 4950 M3/HR, 13% choke.
F.W.H.T. is 29.0 deg. C.

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1000 SPP - 12568 Kpa. at 13.6 deg. C.

EDL - 15599 Kpa. at 71.4 deg. C.

1200 SPP - 12541 Kpa. at 15.6 deg. C.

EDL - 15608 Kpa. at 71.4 deg. C.

Well producing at 4870 M3/HR, 13% choke.
F.W.H.T. is 30.0 deg. C.

1400 SPP - 15523 Kpa. at 16.6 deg. C.

EDL - 15616 Kpa. at 71.4 deg. C.

1600 SPP - 12495 Kpa. at 18.9 deg. C.

EDL - 15633 Kpa. at 71.4 deg. C.

1800 SPP - 12455 Kpa. at 13.7 deg. C.

EDL - 15616 Kpa. at 71.4 deg. C.
Well producing at 4860 M3/HR, 13% choke.
F.W.H.T. is 29.5 deg. C.

2000 SPP - 12458 Kpa. at 9.4 deg. C.

EDL - 15668 Kpa. at 71.4 deg. C.

2200 SPP - 12458 Kpa. at 7.6 deg. C.

EDL - 15668 Kpa. at 71.4 deg. C.

2255 Increase choke setting to 14%.
Well producing at 5320 M3/HR, 14% choke.
F.W.H.T. is 29.0 deg. C.

0000 SPP - 12163 Kpa. at 6.9 deg. C.

EDL - 13504 Kpa. at 67.9 deg. C.

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0200 SPP - 12528 Kpa. at 7.3 deg. C.
EDL - 15548 Kpa. at 71.4 deg. C.

0400 SPP - 12407 Kpa. at 5.4 deg. C.
EDL - 15470 Kpa. at 71.4 deg. C.

0600 SPP - 12494 Kpa. at 4.4 deg. C.
EDL - 15367 Kpa. at 71.4 deg. C.

0800 SPP - 12502 Kpa. at 8.4 deg. C.
EDL - 15307 Kpa. at 71.4 deg. C.
Well producing at 5320 M3/HR, 14% choke.
F.W.H.T. is 29.0 deg. C.

0930 Computer fails, syntax error in line 4550.

1000 SPP - 12523 Kpa. at 15.7 deg. C.
EDL - 15315 Kpa. at 71.4 deg. C.

1200 SPP - 12488 Kpa. at 16.8 deg. C.
EDL - 15290 Kpa. at 71.4 deg. C.
Computer re-booted
Well producing at 5345 M3/HR, 14% choke.
F.W.H.T. is 30.0 deg. C.

1330 Computer locks up, screen normal only clock
stopped and no response to keyboard.

1400 SPP - 12452 Kpa. at 19.0 deg. C.
EDL - 15255 Kpa. at 71.4 deg. C.

1600 SPP - 12460 Kpa. at 20.4 deg. C.
EDL - 15247 Kpa. at 71.4 deg. C.

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1800 SPP - 12434 Kpa. at 19.4 deg. C.
EDL - 15255 Kpa. at 71.4 deg. C.
Computer restarted
Well producing at 5310 M3/HR, 14% choke.
F.W.H.T. is 29.5 deg. C.

1938 Well producing at 5340 M3/HR, 14% choke.
F.W.H.T. is 29.0 deg. C.

1939 SPP - 12404 Kpa. at 11.9 deg. C.
EDL - 15264 Kpa. at 71.4 deg. C.
Shut well in to install threadolet to
manifold spool for delta tubes.

2000 SPP - 14082 Kpa. at 11.8 deg. C.
EDL - 16984 Kpa. at 70.9 deg. C.

2100 SPP - 15067 Kpa. at 10.7 deg. C.
EDL - 17536 Kpa. at 70.5 deg. C.

2128 SPP - 15181 Kpa. at 10.3 deg. C.
EDL - 17674 Kpa. at 70.4 deg. C.
Open well to 11% manual choke setting.

2130 SPP - 14763 Kpa. at 10.3 deg. C.
EDL - 17219 Kpa. at 70.1 deg. C.
Well producing at 6410 M3/HR, 11% choke.
F.W.H.T. is 25.5 deg. C.

2140 Well producing at 5960 M3/HR, 11% choke.
F.W.H.T. is 28.5 deg. C.

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2200 SPP - 13666 Kpa. at 9.8 deg. C.
EDL - 15961 Kpa. at 71.1 deg. C.

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0000 SPP - 13205 Kpa. at 10.1 deg. C.
EDL - 15530 Kpa. at 71.4 deg. C.

0200 SPP - 13127 Kpa. at 8.9 deg. C.
EDL - 15470 Kpa. at 71.4 deg. C.

0400 SPP - 13049 Kpa. at 9.6 deg. C.
EDL - 15444 Kpa. at 71.4 deg. C.

0600 SPP - 12971 Kpa. at 8.9 deg. C.
EDL - 15453 Kpa. at 71.4 deg. C.

0800 SPP - 12918 Kpa. at 10.7 deg. C.
EDL - 15487 Kpa. at 71.4 deg. C.
Flowrate unavailable as flow computer showing
differential pressure of 0.
F.W.H.T. is 29.5 deg. C.

1000 SPP - 12862 Kpa. at 15.8 deg. C.
EDL - 15496 Kpa. at 71.4 deg. C.

1200 SPP - 12825 Kpa. at 20.3 deg. C.
EDL - 15505 Kpa. at 71.4 deg. C.
Well producing at 5050 M3/HR, 11% choke.
(Lines to DP cell bled)
F.W.H.T. is 30.0 deg. C.

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1400 SPP - 12799 Kpa. at 21.3 deg. C.

EDL - 15522 Kpa. at 71.4 deg. C.

1600 SPP - 12800 Kpa. at 23.1 deg. C.

EDL - 15556 Kpa. at 71.4 deg. C.

1800 SPP - 12816 Kpa. at 19.5 deg. C.

EDL - 15573 Kpa. at 71.4 deg. C.

1825 Well producing at 4980 M3/HR, 11% choke.
F.W.H.T. is 30.0 deg. C.

2000 SPP - 12783 Kpa. at 16.8 deg. C.

EDL - 15582 Kpa. at 71.4 deg. C.

2200 SPP - 12775 Kpa. at 16.7 deg. C.

EDL - 15599 Kpa. at 71.4 deg. C.

2300 Well producing at 4850 M3/HR, 11% choke.
F.W.H.T. is 30.0 deg. C.

31-7-87

0000 SPP - 12776 Kpa. at 14.0 deg. C.

EDL - 15625 Kpa. at 71.4 deg. C.

0200 SPP - 12760 Kpa. at 12.7 deg. C.

EDL - 15633 Kpa. at 71.4 deg. C.

0400 SPP - 12753 Kpa. at 11.1 deg. C.

EDL - 15642 Kpa. at 71.4 deg. C.

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0600 SPP - 12780 Kpa. at 8.9 deg. C.
EDL - 15685 Kpa. at 71.4 deg. C.

0800 SPP - 12762 Kpa. at 10.1 deg. C.
EDL - 15693 Kpa. at 71.4 deg. C.
Well producing at 4780 M3/HR, 11% choke.
F.W.H.T. is 29.5 deg. C.

1000 SPP - 12732 Kpa. at 15.2 deg. C.
EDL - 15693 Kpa. at 71.4 deg. C.

1200 SPP - 12703 Kpa. at 18.9 deg. C.
EDL - 15685 Kpa. at 71.4 deg. C.
Well producing at 4780 M3/HR, 11% choke.
F.W.H.T. is 30.0 deg. C.

1400 SPP - 12703 Kpa. at 20.7 deg. C.
EDL - 15693 Kpa. at 71.4 deg. C.

1409 Well shut in to install delta tube to manifold spool.

1430 SPP - 14137 Kpa. at 20.7 deg. C.
EDL - 17105 Kpa. at 70.9 deg. C.

1500 SPP - 14705 Kpa. at 21.5 deg. C.
EDL - 17278 Kpa. at 70.4 deg. C.

1516 Well opened through 11% manual choke.

1600 SPP - 13172 Kpa. at 19.4 deg. C.
EDL - 15797 Kpa. at 71.2 deg. C.

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1800 SPP - 12760 Kpa. at 12.8 deg. C.
EDL - 15419 Kpa. at 71.3 deg. C.

1930 Well producing at 5060 M3/HR, 11% choke.
F.W.H.T. is 29.5 deg. C.

2000 SPP - 12508 Kpa. at 12.5 deg. C.
EDL - 15470 Kpa. at 71.4 deg. C.

2200 SPP - 12596 Kpa. at 11.8 deg. C.
EDL - 15633 Kpa. at 71.4 deg. C.

2230 Well producing at 4960 M3/HR, 11% choke.
F.W.H.T. is 29.5 deg. C.

1-8-87

0000 SPP - 12534 Kpa. at 12.3 deg. C.
EDL - 15616 Kpa. at 71.4 deg. C.

0200 SPP - 12500 Kpa. at 12.2 deg. C.
EDL - 15633 Kpa. at 71.4 deg. C.

0400 SPP - 12483 Kpa. at 10.7 deg. C.
EDL - 15659 Kpa. at 71.4 deg. C.

0600 SPP - 12458 Kpa. at 9.5 deg. C.
EDL - 15659 Kpa. at 71.4 deg. C.

0800 SPP - 12413 Kpa. at 12.4 deg. C.
EDL - 15659 Kpa. at 71.4 deg. C.
Well producing at 4820 M3/HR, 11% choke.
F.W.H.T. is 29.5 deg. C.

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1000 SPP - 12521 Kpa. at 19.2 deg. C.
EDL - 15831 Kpa. at 71.4 deg. C.

1200 SPP - 12531 Kpa. at 16.9 deg. C.
EDL - 15848 Kpa. at 71.4 deg. C.
Well producing at 4600 M3/HR, 11% choke.
F.W.H.T. is 29.5 deg. C.
Choke setting increased to 14%.

1400 SPP - 12143 Kpa. at 12.4 deg. C.
EDL - 15462 Kpa. at 71.4 deg. C.

1600 SPP - 12384 Kpa. at 16.5 deg. C.
EDL - 15462 Kpa. at 71.4 deg. C.

1800 SPP - 12271 Kpa. at 16.7 deg. C.
EDL - 15401 Kpa. at 71.4 deg. C.

1830 Well producing at 5190 M3/HR, 14% choke.
F.W.H.T. is 29.5 deg. C.

2000 SPP - 12406 Kpa. at 9.5 deg. C.
EDL - 15341 Kpa. at 71.4 deg. C.

2200 SPP - 12293 Kpa. at 9.0 deg. C.
EDL - 15315 Kpa. at 71.4 deg. C.

2218 Well producing at 5240 M3/HR, 14% choke.
F.W.H.T. is 29.5 deg. C.

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0000 SPP - 12336 Kpa. at 9.6 deg. C.
EDL - 15264 Kpa. at 71.4 deg. C.

0200 SPP - 12215 Kpa. at 7.3 deg. C.
EDL - 15212 Kpa. at 71.4 deg. C.

0400 SPP - 12294 Kpa. at 5.7 deg. C.
EDL - 15144 Kpa. at 71.4 deg. C.

0600 SPP - 12329 Kpa. at 4.3 deg. C.
EDL - 15135 Kpa. at 71.4 deg. C.

0700-0800 Well shuts in, 1301 fuel gas regulator frozen
possibly caused by burner control valve sticking.

0800 SPP - 14536 Kpa. at 7.2 deg. C.
EDL - 17234 Kpa. at 70.7 deg. C.

0810 Well opened.
Well producing at 6810 M3/HR, 14% choke.
F.W.H.T. is 28.0 deg. C.

1000 SPP - 12404 Kpa. at 12.3 deg. C.
EDL - 15006 Kpa. at 71.3 deg. C.

1105 SPP - 12533 Kpa. at 14.9 deg. C.
EDL - 15273 Kpa. at 71.4 deg. C.
Well producing at 5440 M3/HR, 14% choke.
F.W.H.T. is 30.0 deg. C.

1120 P.O.O.H.

1225 O.O.H., commence lubricator calibration check.

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- 1450 SPP - 12194 Kpaa. at 14.0 deg. C.
EDL - 12240 Kpaa. at 25.3 deg. C.
Vaetrix gauge - 12072 Kpag
- 1523 Shut well in to rig down.
- 1610 Install swab valve (changed from actuated to manual operation).
- 1645 Pressure tree to swab valve, holds.
- 1700 Open well to flowline, 14% choke, manual.
- 1810 Leave lease.
- N.B. All EDL & SPP pressures in Kpa absolute.
Vaetrix gauge pressures in Kpa gauge.

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 CALIBRATION REPORT - 25/7/87

E.D.L. # 119 & S.P.P. 019

25-7-87

Time (hrs.)	D.W.T Kpa-G	E.D.L. - 119 Pressure Kpa-A	Temp. C.	S.P.P. - 019 Pressure Kpa-A	Temp. C.	W/Head Therm. Temp., ambient Degrees C.
1835	00000	00143	23.7	00112	14.3	n/a
(Aneroid barom. - 916.6 mbar)						
1852	01000	01144	23.9	01115	15.2	n/a
1854	02000	02142	24.0	02114	15.2	n/a
1857	03000	03136	24.0	03110	15.2	n/a
1859	04000	04138	24.0	04114	15.2	n/a
1901	05000	05133	24.0	05110	15.2	n/a
1904	06000	06135	24.1	06106	15.2	n/a
1907	07000	07129	24.1	07111	15.2	n/a
1909	08000	08133	24.1	08110	15.2	n/a
0722	08000	08126	16.5	08088	7.8	n/a
0725	09000	09121	16.6	09087	8.0	n/a
0728	10000	10125	16.8	10095	8.2	n/a

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E.D.L. # 119 & S.P.P. 019

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Time (hrs.)	D.W.T Kpa-G	E.D.L. - 119 Pressure Kpa-A	Temp. C.	S.P.P. - 019 Pressure Kpa-A	Temp. C.	W/Head Therm. Temp., ambient Degrees C.
0731	11000	11120	17.0	11094	8.3	n/a
0734	12000	12115	17.1	12093	8.6	n/a
0736	13000	13119	17.3	13093	8.6	n/a
0739	14000	14114	17.5	14092	8.7	n/a
0741	15000	15111	17.6	15085	8.6	n/a
0743	16000	16108	17.7	16086	8.8	n/a
0745	17000	17105	17.8	17078	8.9	n/a
0747	18000	18103	17.9	18082	9.0	n/a
0749	19000	19103	18.1	19076	9.0	n/a
0751	20000	20102	18.2	20080	9.1	n/a
0754	0000	00136	18.3	00112	9.3	n/a

(Aneroid barom. - 918.1 mbar)

End

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VAETRIX GAUGE # 1152

25-7-87 (Before PV 3 test)

Budenberg D.W.T. # 1152 1000 Kpag	Vaetrix gauge 997 Kpag
2000 "	1996 "
3000 "	2993 "
4000 "	3992 "
5000 "	4990 "
6000 "	5987 "
7000 "	6985 "
8000 "	7981 "
9000 "	8979 "
10000 "	9975 "
11000 "	10971 "
12000 "	11968 "
13000 "	12964 "
14000 "	13962 "
15000 "	14958 "
16000 "	15955 "
17000 "	16950 "
18000 "	17945 "
19000 "	18940 "
20000 "	19934 "

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VAETRIX GAUGE # 1152

2-8-87 (After PV 3 test)

Budenberg D.W.T. # 1152 1000 Kpag	Vaetrix gauge 997 Kpag
2000 "	1995 "
3000 "	2992 "
4000 "	3990 "
5000 "	4988 "
11000 "	10962 "
12000 "	11959 "
13000 "	12958 "
14000 "	13953 "
15000 "	14951 "
16000 "	15947 "
17000 "	16942 "
18000 "	17936 "

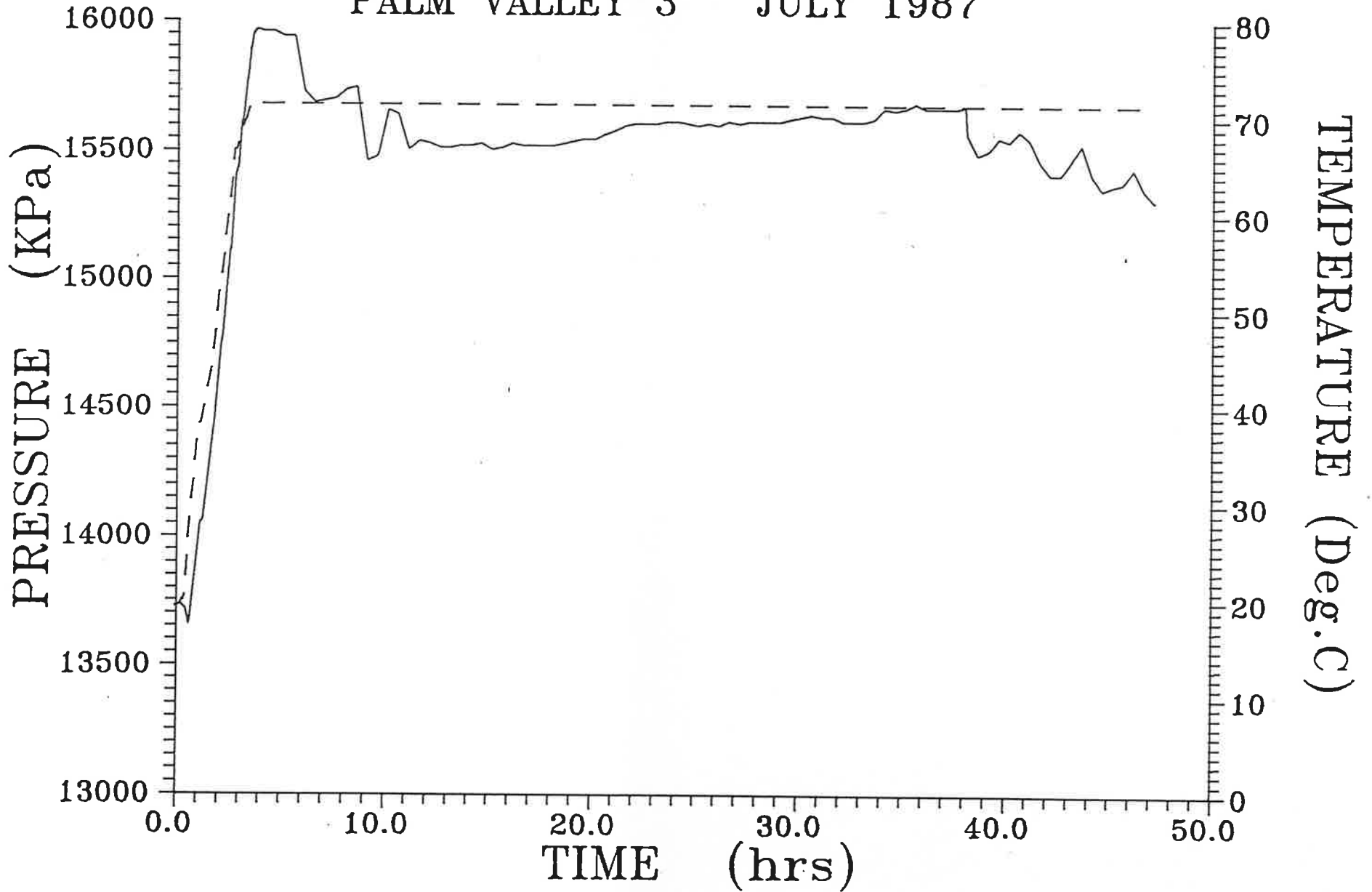
Calibration check covers range of survey only.

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP	
27 Jul 87	8:55:	1	METRIC	13731.0	19.3	13666.0	10.1
	9: 0:	1	5 min	13731.0	19.4	13666.0	10.7
	9: 5:	1		13731.0	19.4	13665.0	11.0
	9:10:	1		13731.0	19.5	13665.0	11.4
	9:15:	1		13721.0	20.0	13665.0	11.5
	9:20:	1		13721.0	19.8	13665.0	11.7
	9:25:	1		13688.0	22.6	13656.0	11.8
	9:30:	1		13654.0	26.0	13656.0	12.1
	9:30:	4	1 hr	13654.0	26.1	13656.0	12.1
	10: 0:	0		14052.0	38.2	13646.0	13.2
	10: 6:	7	1 min	14060.0	38.2	13646.0	12.9
	10: 7:	2		14060.0	38.2	13646.0	12.9
	10: 8:	2		14060.0	38.2	13647.0	12.8
	10: 8:	3	1 hr	14060.0	38.2	13647.0	12.8
	10:37:	5	1 min	14415.0	44.0	13627.0	15.0
	10:38:	2		14415.0	44.0	13627.0	15.0
	10:39:	2		14415.0	44.0	13627.0	14.9
	10:39:	35	2 hr	14415.0	44.0	13627.0	14.9
	11: 0:	6	1 min	14754.0	52.6	13627.0	15.5
	11: 1:	0		14754.0	52.6	13627.0	15.5
	11: 2:	0		14762.0	52.6	13627.0	15.5
	11: 3:	0		14762.0	52.6	13627.0	15.5
	11: 3:	3	2 hr	14762.0	52.6	13627.0	15.5
	11:24:	12	1 min	15103.0	60.4	13627.0	15.1
	11:25:	2		15112.0	60.4	13627.0	15.1
	11:26:	2		15112.0	60.4	13627.0	15.0
	11:26:	59	3 hr	15112.0	60.4	13627.0	15.0
	11:41:	13		15397.0	66.7	13610.0	14.7
	11:44:	14		15414.0	66.7	13610.0	14.6
	11:44:	27	1 min	15414.0	66.7	13610.0	14.6
	11:45:	0		15422.0	66.7	13610.0	14.6
	11:46:	0		15422.0	66.7	13610.0	14.6
	11:47:	0		15431.0	66.7	13610.0	14.6
	11:48:	0		15431.0	66.7	13610.0	14.6
	11:48:	25	1 hr	15431.0	66.7	13610.0	14.6
	11:57:	6	1 min	15597.0	68.8	13610.0	14.9
	11:58:	0		15606.0	68.8	13610.0	14.9
	11:59:	0		15606.0	68.8	13619.0	15.0
	12: 0:	0		15615.0	68.8	13610.0	15.1
	12: 1:	0		15615.0	68.8	13610.0	15.2
	12: 2:	1	1 hr	15615.0	68.8	13610.0	15.3
	12:13:	6	1 min	15775.0	69.9	13609.0	15.8
	12:14:	2		15775.0	69.9	13609.0	15.9
	12:15:	1	1 hr	15775.0	69.9	13600.0	16.0
	12:22:	20	1 min	15884.0	70.9	13600.0	16.2
	12:23:	0		15893.0	71.0	13600.0	16.2
	12:24:	0		15893.0	70.9	13600.0	16.2
	12:25:	1	1 hr	15893.0	70.9	13600.0	16.2
	12:30:	22	30 min	15951.0	71.5	13600.0	16.4
	12:35:	20		15960.0	71.5	13600.0	16.4
	12:42:	35		15969.0	71.4	13600.0	16.5
	13: 0:	0		15960.0	71.4	13591.0	16.7
	13:30:	0		15960.0	71.4	13600.0	16.9
	14: 0:	0		15943.0	71.4	13583.0	15.9

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP
27 Jul 87	14:30: 0	METRIC	15943.0	71.4	13584.0	14.5
	15: 0: 1	30 min	15728.0	71.4	13366.0	15.4
	15:30: 1		15685.0	71.4	13244.0	16.7
	16: 0: 1		15694.0	71.4	13182.0	17.5
	16:30: 1		15702.0	71.4	13138.0	19.0
	17: 0: 1		15737.0	71.4	13103.0	19.1
	17:30: 1		15745.0	71.4	13086.0	18.0
	18: 0: 1		15462.0	71.4	12732.0	14.9
	18:30: 1		15479.0	71.4	12579.0	10.2
	19: 0: 2		15659.0	71.4	12780.0	9.0
	19:30: 2		15642.0	71.4	13084.0	8.6
	20: 0: 2		15505.0	71.4	12875.0	8.2
	20:30: 2		15539.0	71.4	12815.0	7.8
	21: 0: 1		15530.0	71.4	12823.0	7.4
	21:30: 1		15513.0	71.4	12823.0	7.3
	22: 0: 1		15513.0	71.4	12806.0	7.2
	22:30: 1		15522.0	71.4	12797.0	7.1
	23: 0: 2		15522.0	71.4	12789.0	6.8
	23:30: 2		15530.0	71.4	12798.0	6.6
28 Jul 87	0: 0:14		15505.0	71.4	12754.0	6.2
	0:30: 1		15513.0	71.4	12746.0	5.9
	1: 0: 1		15530.0	71.4	12746.0	5.9
	1:30: 1		15522.0	71.4	12737.0	5.9
	2: 0: 1		15522.0	71.4	12720.0	5.7
	2:30: 1		15522.0	71.4	12720.0	5.2
	3: 0: 1		15522.0	71.4	12694.0	4.9
	3:30: 1		15530.0	71.4	12685.0	4.7
	4: 0: 1		15539.0	71.4	12677.0	4.6
	4:30: 0		15548.0	71.4	12677.0	4.5
	5: 0: 0		15548.0	71.4	12659.0	4.3
	5:30: 0		15565.0	71.4	12659.0	4.1
	6: 0: 0		15582.0	71.4	12651.0	3.9
	6:30: 0		15599.0	71.4	12651.0	3.8
	7: 0: 0		15608.0	71.4	12651.0	3.7
	7:30: 0		15608.0	71.4	12642.0	4.4
	8: 0: 0		15608.0	71.4	12624.0	7.4
	8:30: 2		15616.0	71.4	12614.0	9.2
	9: 0: 2		15616.0	71.4	12614.0	10.7
	9:30: 2		15608.0	71.4	12595.0	12.5
	10: 0: 2		15599.0	71.4	12568.0	13.6
	10:30: 1		15608.0	71.4	12567.0	14.9
	11: 0: 1		15599.0	71.4	12559.0	14.8
	11:30: 1		15616.0	71.4	12558.0	15.4
	12: 0: 1		15608.0	71.4	12541.0	15.6
	12:30: 1		15616.0	71.4	12540.0	16.6
	13: 0: 1		15616.0	71.4	12531.0	16.8
	13:30: 1		15616.0	71.4	12531.0	17.4
	14: 0: 1		15616.0	71.4	12523.0	16.6
	14:30: 1		15625.0	71.4	12515.0	15.7
	15: 0: 1		15633.0	71.4	12514.0	16.4
	15:30: 1		15642.0	71.4	12504.0	17.9
	16: 0: 1		15633.0	71.4	12495.0	18.9
	16:30: 1		15633.0	71.4	12487.0	21.2
	17: 0: 1		15616.0	71.4	12469.0	21.1

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP	
28 Jul 87	17:30:	1	METRIC	15616.0	71.4	12451.0	19.8
	18: 0:	1	30 min	15616.0	71.4	12455.0	13.7
	18:30:	0		15625.0	71.4	12449.0	10.7
	19: 0:	0		15668.0	71.4	12466.0	10.0
	19:30:	0		15659.0	71.4	12449.0	9.9
	20: 0:	0		15668.0	71.4	12458.0	9.4
	20:30:	1		15685.0	71.4	12484.0	8.7
	21: 0:	1		15668.0	71.4	12458.0	8.2
	21:30:	1		15668.0	71.4	12458.0	7.9
	22: 0:	1		15668.0	71.4	12458.0	7.6
	22:30:	0		15668.0	71.4	12441.0	7.2
	22:54:	4		15676.0	71.4	12450.0	7.0
	23: 0:	2		15565.0	71.4	12346.0	7.1
	23:30:	2		15487.0	71.4	12207.0	7.3
29 Jul 87	0: 0:	13		15505.0	71.4	12163.0	6.9
	0:30:	0		15556.0	71.4	12215.0	7.0
	1: 0:	0		15539.0	71.4	12259.0	7.3
	1:30:	0		15582.0	71.4	12415.0	7.3
	2: 0:	0		15548.0	71.4	12528.0	7.3
	2:30:	1		15462.0	71.4	12520.0	6.9
	3: 0:	1		15410.0	71.4	12424.0	6.2
	3:30:	1		15410.0	71.4	12372.0	5.6
	4: 0:	1		15470.0	71.4	12407.0	5.4
	4:30:	0		15530.0	71.4	12642.0	5.1
	5: 0:	0		15410.0	71.4	12633.0	4.8
	5:30:	0		15350.0	71.4	12520.0	4.4
	6: 0:	0		15367.0	71.4	12494.0	4.4
	6:30:	2		15376.0	71.4	12477.0	4.4
	7: 0:	2		15436.0	71.4	12651.0	4.2
	7:30:	2		15350.0	71.4	12616.0	5.0
	8: 0:	2		15307.0	71.4	12502.0	8.4

PRESSURE/TEMP DOWNHOLE GAUGE
PALM VALLEY 3 JULY 1987



PRESSURE/TEMP WELLHEAD GAUGE
PALM VALLEY 3 JULY 1987

