

PALM VALLEY NO. 1

WELL TEST REPORT

OPEN FILE

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

MAY 1987

DEPT. OF MINES & ENERGY
DO NOT REMOVE



P01154



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MAGELLAN PETROLEUM - WIRELINE OPS.

OPERATIONS REPORT

PALM VALLEY #1

13.5.87

1100 Complete rig down of PV4, load gin pole, change wellhead swage etc.

1300 Arrive at PV1 with truck and wireline unit. Cut away two sections of well surrounding fence, erect gin pole.

1500 Rig up wireline equip. to wellhead.

1630 Return to gas plant/PV4 for caravan, computer etc.

1730 Back at lease.

1855 Pressure lubricator for pre-survey tool calibration check.

1950 Complete lubricator stop.

SPP - 17026 Kpa. at 14.7 deg. C.
EDL - 17031 Kpa. at 23.0 deg. C.
R.I.H.

2040 Hang gauge measure point at 5048' KB.

2050 SPP - 17026 Kpa. at 13.8 deg. C.
EDL - 19319 Kpa. at 66.2 deg. C.

2100 SPP - 17026 Kpa. at 13.8 deg. C.
EDL - 19344 Kpa. at 66.3 deg. C.

14.5.87

0000 SPP - 17026 Kpa. at 9.4 deg. C.
EDL - 19361 Kpa. at 66.4 deg. C.

0400 SPP - 17018 Kpa. at 9.6 deg. C.
EDL - 19353 Kpa. at 66.4 deg. C.

0800 SPP - 17000 Kpa. at 12.0 deg. C.
EDL - 19353 Kpa. at 66.3 deg. C.

P.O.O.H. for static gradient.

0820 SPP - 17000 Kpa. at 14.6 deg. C.
EDL - 19361 Kpa. at 66.4 deg. C.
P.O.O.H.

0824 Hang gauge at 5000' KB.

0830 SPP - 17000 Kpa. at 16.0 deg. C.
EDL - 19336 Kpa. at 66.0 deg. C.
P.O.O.H.

0836 Hang Gauge at 4750' KB.

0853 SPP - 17000 Kpa. at 16.8 deg. C.
EDL - 19238 Kpa. at 64.4 deg. C.
P.O.O.H.

0858 Hang gauge at 4500' KB.

0912 SPP - 17008 Kpa. at 17.9 deg. C.
EDL - 19131 Kpa. at 62.4 deg. C.
P.O.O.H.

0920 Hang gauge at 4000' KB.

0938 SPP - 17008 Kpa. at 19.5 deg. C.
EDL - 18915 Kpa. at 56.4 deg. C.
P.O.O.H.

0951 Hang gauge at 3000' KB.

1015 SPP - 16999 Kpa. at 22.3 deg. C.
EDL - 18453 Kpa. at 45.7 deg. C.
P.O.O.H.

1025 Hang gauge at 2000' KB.

1046 SPP - 17000 Kpa. at 23.7 deg. C.
EDL - 17982 Kpa. at 41.4 deg. C.
P.O.O.H.

1056 Hang gauge at 1000' KB.

1112 SPP - 17008 Kpa. at 25.0 deg. C.
EDL - 17521 Kpa. at 36.6 deg. C.
P.O.O.H.

1125 Hang gauge in lubricator.

1230 SPP - 17026 Kpa. at 22.7 deg. C.
EDL - 17043 Kpa. at 25.1 deg. C.

End of static pressure survey.

1800 Rigging down.

MAGELLAN PETROLEUM - WIRELINE OPS.

CALIBRATION REPORT - 15.5.87

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

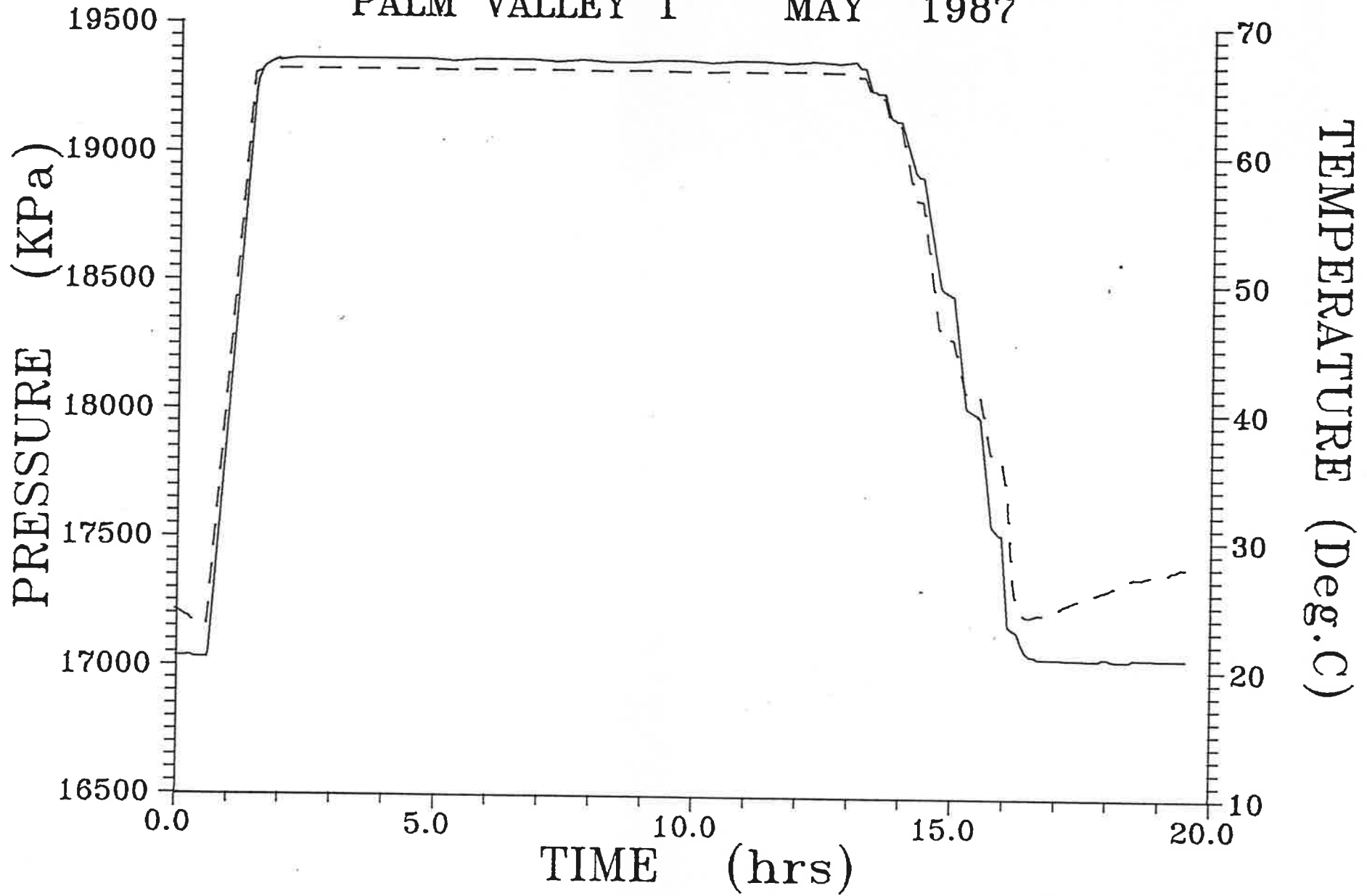
Time (Hrs)	D.W.T. Kpa-G	E.D.L. Pressure Kpa-A	- 119 Temp. C.	S.P.P. Pressure KPa-A	- 019 Temp. C.	W/head Therm. Temp., ambient Degrees C.
15.5.87.						
0231	00000	00141	28.4	00103	10.5	16.0
0234	01000	01135	20.3	01089	10.6	16.0
0238	02000	02141	20.5	02097	10.8	15.9
0241	03000	03143	20.6	03092	10.9	15.7
0246	04000	04137	20.8	04097	11.0	15.6
0249	05000	05140	20.9	05093	11.1	15.6
0252	06000	06134	20.9	06088	11.2	15.6
0256	07000	07137	21.1	07093	11.3	15.6
0300	08000	08132	21.2	08093	11.4	15.6
0303	09000	09127	21.2	09093	11.5	15.6
0307	10000	10122	21.3	10092	11.6	15.6
0310	11000	11126	21.4	11092	11.6	15.5
0314	12000	12121	21.5	12083	11.7	15.6
0317	13000	13116	21.5	13082	11.7	15.6
0320	14000	14112	21.6	14074	11.8	15.6
0323	15000	15109	21.6	15084	11.8	15.6
0326	16000	16106	21.7	16077	11.9	15.6
0330	17000	17103	21.7	17078	11.9	15.6
0334	18000	18102	21.7	18073	12.0	15.6
0339	19000	19102	21.8	19076	12.0	15.7
0343	20000	20093	21.9	20071	12.1	15.7

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP
13 May 87	19:15: 2	METRIC	17036.0	24.3	17026.0	15.2
	19:20: 2	5 min	17037.0	24.1	17017.0	15.0
	19:25: 2		17037.0	23.9	17026.0	14.9
	19:30: 2		17038.0	23.7	17026.0	14.8
	19:35: 0		17030.0	23.4	17026.0	14.6
	19:40: 0		17030.0	23.3	17026.0	14.5
	19:45: 0		17031.0	23.1	17026.0	14.6
	19:50: 0		17031.0	23.0	17026.0	14.6
	19:51:15		17031.0	23.0	17026.0	14.7
	20:42:48		19224.0	66.1	17017.0	13.8
	20:45: 1		19267.0	66.1	17017.0	13.8
	20:50: 1		19319.0	66.2	17026.0	13.8
	20:55: 1		19336.0	66.3	17026.0	13.8
	21: 0: 1		19344.0	66.3	17026.0	13.8
	21: 5: 1		19353.0	66.4	17017.0	13.7
	21:10: 1	30 min	19361.0	66.4	17017.0	13.7
	21:10:26		19353.0	66.4	17017.0	13.7
	21:30: 1		19361.0	66.4	17026.0	13.3
	22: 0: 1		19361.0	66.4	17017.0	12.8
	22:30: 1		19361.0	66.4	17026.0	11.6
	23: 0: 1		19361.0	66.4	17026.0	10.7
	23:30: 2		19361.0	66.4	17026.0	10.0
14 May 87	0: 0:13		19361.0	66.4	17026.0	9.4
	0:30: 0		19353.0	66.3	17026.0	9.0
	1: 0: 0		19361.0	66.4	17018.0	8.6
	1:30: 0		19361.0	66.4	17018.0	8.4
	2: 0: 0		19361.0	66.4	17018.0	8.6
	2:30: 0		19353.0	66.4	17018.0	9.6
	3: 0: 0		19361.0	66.4	17018.0	9.9
	3:30: 0		19353.0	66.3	17018.0	9.7
	4: 0: 0		19353.0	66.4	17018.0	9.6
	4:30: 0		19361.0	66.4	17018.0	9.5
	5: 0: 0		19361.0	66.3	17026.0	9.3
	5:30: 0		19353.0	66.3	17018.0	8.8
	6: 0: 0		19361.0	66.4	17026.0	8.1
	6:30: 2		19361.0	66.3	17026.0	7.6
	7: 0: 2		19353.0	66.4	17018.0	7.2
	7:30: 2		19361.0	66.4	17018.0	7.4
	8: 0: 2		19353.0	66.3	17000.0	12.0
	8:19:46		19361.0	66.4	17000.0	14.6
	8:24:33	2 min	19336.0	66.0	17000.0	15.2
	8:26: 2		19336.0	66.0	17000.0	15.5
	8:28: 2		19336.0	66.0	17000.0	15.8
	8:30: 2		19336.0	66.0	17000.0	16.0
	8:30:29	30 min	19336.0	66.0	17000.0	16.0
	8:38: 1	2 min	19246.0	64.5	17000.0	16.5
	8:40: 2		19246.0	64.5	17000.0	16.5
	8:42: 2		19246.0	64.5	17000.0	16.5
	8:44: 2		19238.0	64.4	17000.0	16.6
	8:46: 2		19238.0	64.4	17000.0	16.6
	8:48: 2		19238.0	64.4	17000.0	16.7
	8:50: 2		19238.0	64.4	17000.0	16.8
	8:52: 2		19238.0	64.4	17000.0	16.9
	8:52:43	30 min	19229.0	64.4	17000.0	16.8

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP
14 May 87	8:53: 5	METRIC	19238.0	64.4	17000.0	16.8
	8:59:59	2 min	19148.0	62.5	17008.0	17.1
	9: 0: 2		19148.0	62.5	17008.0	17.1
	9: 2: 2		19140.0	62.5	17008.0	17.2
	9: 4: 2		19140.0	62.5	17008.0	17.3
	9: 6: 2		19131.0	62.5	17008.0	17.4
	9: 8: 2		19131.0	62.4	17008.0	17.4
	9:10: 2		19131.0	62.4	17008.0	17.6
	9:11:58	30 min	19131.0	62.4	17008.0	17.9
	9:30: 0		18932.0	56.5	17008.0	19.2
	9:32: 1	2 min	18924.0	56.5	17008.0	19.2
	9:34: 2		18915.0	56.4	17008.0	19.2
	9:36: 2		18915.0	56.4	17008.0	19.3
	9:38: 2		18915.0	56.4	17008.0	19.4
	9:38:35	30 min	18915.0	56.4	17008.0	19.5
	10: 0: 2		18487.0	45.8	17008.0	21.1
	10: 2: 2	2 min	18479.0	45.8	17008.0	21.4
	10: 4: 2		18470.0	45.8	16999.0	21.6
	10: 6: 2		18470.0	45.8	16999.0	21.8
	10: 8: 2		18462.0	45.8	16999.0	22.0
	10:10: 2		18462.0	45.8	16999.0	22.1
	10:11:52	30 min	18453.0	45.7	16999.0	22.2
	10:13:11		18453.0	45.7	16999.0	22.2
	10:15: 1		18453.0	45.7	16999.0	22.3
	10:30: 2		18017.0	41.4	17000.0	23.1
	10:42: 1	1 min	17991.0	41.4	17008.0	23.7
	10:43: 1		17991.0	41.4	17000.0	23.7
	10:43:17		17982.0	41.4	17008.0	23.7
	10:44: 2		17991.0	41.4	17000.0	23.7
	10:44:14		17982.0	41.4	17008.0	23.7
	10:45: 0		17982.0	41.3	17000.0	23.7
	10:46: 0		17982.0	41.4	17000.0	23.7
	10:46:18	30 min	17982.0	41.4	17008.0	23.8
	11: 0: 2		17555.0	36.7	17008.0	24.4
	11: 9: 2	1 min	17521.0	36.6	17008.0	24.7
	11:10: 2		17521.0	36.6	17008.0	24.8
	11:11: 2		17521.0	36.6	17008.0	24.9
	11:12: 0	10 min	17521.0	36.6	17008.0	25.0
	11:20: 1		17168.0	33.1	17008.0	25.1
	11:24:59	5 min	17157.0	27.6	17008.0	25.3
	11:30: 1		17146.0	25.2	17008.0	25.2
	11:35: 1		17105.0	24.5	17008.0	25.2
	11:40: 1		17071.0	24.2	17008.0	25.3
	11:45: 1		17054.0	24.1	17008.0	25.3
	11:50: 1		17054.0	24.2	17008.0	25.4
	11:55: 1		17045.0	24.3	17008.0	25.9
	12: 0: 1		17045.0	24.3	17008.0	25.8
	12: 5: 1		17045.0	24.4	17008.0	25.6
	12:10: 2		17044.0	24.6	17008.0	25.5
	12:15: 2		17044.0	24.7	17017.0	25.1
	12:20: 2		17044.0	24.8	17017.0	24.3
	12:25: 2		17043.0	25.0	17017.0	23.6
	12:30: 2		17043.0	25.1	17026.0	22.7
	12:35: 2		17042.0	25.3	17026.0	22.9

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP	
14 May 87	12:40:	2	METRIC	17042.0	25.4	17026.0	23.6
	12:45:	2	5 min	17042.0	25.6	17017.0	24.6
	12:50:	1		17041.0	25.7	17008.0	25.2
	12:55:	1		17041.0	25.8	17008.0	25.6
	13: 0:	1		17041.0	25.9	17008.0	26.0
	13: 5:	1		17041.0	26.0	17008.0	26.3
	13:10:	2		17049.0	26.1	17008.0	26.3
	13:15:	2		17049.0	26.2	17000.0	27.0
	13:20:	2		17040.0	26.4	17000.0	27.3
	13:25:	2		17039.0	26.5	17000.0	27.7
	13:30:	1		17039.0	26.7	17000.0	28.0
	13:35:	1		17038.0	26.9	17000.0	28.4
	13:40:	1		17038.0	27.1	17000.0	28.5
	13:45:	1		17046.0	27.2	17000.0	28.5
	13:50:	1		17046.0	27.2	17009.0	28.5
	13:55:	1		17046.0	27.2	17009.0	28.5
	14: 0:	1		17046.0	27.3	17009.0	28.8
	14: 5:	1		17046.0	27.4	17009.0	29.0
	14:10:	2		17045.0	27.5	17009.0	29.3
	14:15:	2		17045.0	27.6	17009.0	29.4
	14:20:	2		17045.0	27.5	17009.0	29.2
	14:25:	2		17045.0	27.5	17009.0	29.0
	14:30:	0		17045.0	27.8	17009.0	29.5
	14:35:	0		17044.0	27.8	17009.0	29.6
	14:40:	0		17044.0	28.0	17009.0	30.1
	14:45:	0		17044.0	28.0	17009.0	29.9

PRESSURE/TEMP DOWNHOLE GAUGE
PALM VALLEY 1 MAY 1987



PRESSURE/TEMP WELLHEAD GAUGE
PALM VALLEY 1 MAY 1987

