

PALM VALLEY NO. 3

WELL TEST REPORT

AUGUST 1989

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

28.9.89.

DEPT. OF MINES & ENERGY  
DO NOT REMOVE



P01015

INDEX

OPERATIONS REPORT

CALIBRATION REPORT

PRESSURE DATA

OPERATIONS REPORT

STATIC TEST AFTER 13 DAY SHUT-IN

20.8.89.

0810 Rig-up for static test.  
1100 Start Test.  
1130 Pressure up lubricator.  
1137 Monitor Pressure @ surface.  
1150 R.I.H.  
1207 @ 1,000'  
1215 R.I.H.  
1220 @ 2,000'  
1228 R.I.H.  
1233 @ 3,000'  
1242 R.I.H.  
1246 @ 4,000'  
1256 R.I.H.  
1300 @ 5,000'  
1310 R.I.H.  
1311 @ 5,250'  
1319 R.I.H.  
1321 @ 5,500  
1330 R.I.H.  
1331 @ 5,750'  
1338 R.I.H.  
1340 @ 6,000'  
1348 R.I.H.  
1350 @ 6,155' DATUM  
=====

Monitor pressure @ datum

21.8.89 END OF STATIC TEST

0800 P.O.O.H.

0855 @ Surface.

0900 Shut Well - Bleed Down

MONITOR PRESSURE AFTER BLEED DOWN.

0930 END OF TEST  
=====

T.H.P. - 14089

B.H.P. - 16562

CALIBRATION REPORT (BEFORE TEST)17.8.89.Barometric P. = 924.2K.P.A.EDL-119SPP-019

	<u>Run 1</u>	<u>Run 2</u>	<u>Run 1</u>	<u>Run 2</u>
0	111	108	81	82
1000	1101	1107	1074	1083
2000	2105	2102	2078	2079
3000	3109	3106	3074	3076
4000	4103	4101	4071	4072
5000	5107	5105	5075	5077
6000	6102	6099	6072	6073
7000	7106	7103	7068	7069
8000	8104	8101	8067	8068
9000	9102	9099	9066	9067
10000	10100	10107	10065	10066
11000	11107	11105	11064	11056
12000	12105	12103	12064	12064
13000	13103	13101	13054	13054
14000	14101	14100	14053	14054
15000	15100	15099	15055	15055
16000	16098	16098	16047	16047
17000	17097	17097	17048	17048
18000	18098	18097	18042	18043
19000	19099	19098	19037	19037
20000	20100	20100	20041	20041

CALIBRATION REPORT (AFTER TEST)21.8.89.Barometric P. = 919.2

0	118	123	79	73
1000	1117	1113	1072	1066
2000	2111	2117	2069	2071
3000	3115	3112	3066	3068
4000	4110	4107	4071	4073
5000	5114	5111	5068	5070
6000	6108	6106	6065	6066
7000	7103	7110	7062	7062
8000	8110	8108	8060	8062
9000	9108	9106	9059	9060
10000	10106	10104	10058	10059
11000	11113	11111	11048	11057
12000	12111	12109	12046	12047
13000	13109	13107	13036	13046
14000	14107	14105	14035	14045
15000	15104	15103	15036	15037
16000	16101	16101	16038	16038
17000	17099	17098	17030	17031
18000	18099	18089	18033	18033
19000	19101	19091	19028	19028
20000	20093	20093	20023	20023

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP
20 Aug 89	10:56:	3 METRIC	133.0	21.9	71.0	20.6
	10:57:	1 1 min	132.0	21.9	71.0	20.7
	10:58:	1	132.0	22.0	72.0	20.9
	10:59:	1	132.0	22.0	72.0	21.0
	11: 0:	1	132.0	22.0	72.0	21.2
	11: 1:	1	132.0	22.1	73.0	21.3
	11: 2:	1	132.0	22.1	73.0	21.5
	11: 3:	1	132.0	22.1	73.0	21.6
	11: 4:	1	132.0	22.2	73.0	21.7
	11: 5:	0	132.0	22.2	73.0	21.8
	11: 6:	0	141.0	22.2	73.0	21.9
	11: 7:	0	131.0	22.3	74.0	22.0
	11: 8:	0	131.0	22.3	82.0	22.1
	11: 9:	0	140.0	22.3	74.0	22.2
	11:10:	0	140.0	22.4	83.0	22.3
	11:11:	0	140.0	22.4	83.0	22.4
	11:12:	0	140.0	22.4	83.0	22.5
	11:13:	2	140.0	22.4	83.0	22.6
	11:14:	2	140.0	22.5	83.0	22.7
	11:15:	2	140.0	22.5	84.0	22.8
	11:16:	2	140.0	22.5	84.0	22.9
	11:17:	1	139.0	22.6	84.0	23.0
	11:18:	1	139.0	22.6	84.0	23.1
	11:19:	1	139.0	22.6	84.0	23.2
	11:20:	1	139.0	22.7	84.0	23.3
	11:21:	0	139.0	22.7	85.0	23.3
	11:22:	0	139.0	22.7	85.0	23.4
	11:23:	0	139.0	22.8	85.0	23.5
	11:24:	0	139.0	22.8	85.0	23.6
	11:25:	2	138.0	22.8	85.0	23.7
	11:26:	2	138.0	22.9	85.0	23.7
	11:27:	2	138.0	22.9	85.0	23.8
	11:28:	2	138.0	22.9	85.0	23.8
	11:29:	1	138.0	22.9	85.0	23.9
	11:30:	1	138.0	23.0	86.0	24.0
	11:30:25		138.0	23.0	86.0	24.0
	11:36:54		14111.0	28.3	14102.0	24.5
	11:37:	0	14112.0	28.3	14102.0	24.6
	11:38:	0	14113.0	28.0	14094.0	24.6
	11:39:	0	14113.0	28.0	14085.0	24.7
	11:40:	0	14126.0	27.4	14085.0	24.8
	11:41:	1	14136.0	27.1	14085.0	24.8
	11:42:	1	14137.0	26.9	14085.0	24.9
	11:43:	1	14139.0	26.6	14085.0	25.0
	11:44:	1	14149.0	26.4	14086.0	25.0
	11:45:	1	14150.0	26.2	14086.0	25.0
	11:46:	1	14151.0	26.0	14086.0	25.1
	11:47:	1	14152.0	25.9	14086.0	25.1
	11:48:	1	14153.0	25.7	14086.0	25.1
	11:49:	2	14154.0	25.5	14086.0	25.1
	11:50:	2	14154.0	25.3	14086.0	25.2
	11:50:28		14155.0	25.3	14086.0	25.2
	12: 7:57		14490.0	29.4	14087.0	26.1
	12: 8: 0		14490.0	21.8	14087.0	26.1

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP
20 Aug 89	12: 9: 0	METRIC	14490.0	29.4	14087.0	26.1
	12:10: 0	1 min	14499.0	29.4	14087.0	26.1
	12:11: 0		14499.0	29.4	14088.0	26.1
	12:12: 0		14508.0	29.4	14088.0	26.2
	12:13: 0		14508.0	29.5	14088.0	26.2
	12:14: 0		14517.0	29.5	14088.0	26.2
	12:15: 0		14517.0	29.5	14088.0	26.2
	12:15:32		14517.0	29.5	14088.0	26.2
	12:20:59		14889.0	31.9	14088.0	26.4
	12:21: 2		14889.0	31.9	14088.0	26.4
	12:22: 2		14888.0	32.1	14088.0	26.5
	12:23: 2		14897.0	32.2	14088.0	26.5
	12:24: 2		14897.0	32.2	14088.0	26.5
	12:25: 1		14896.0	32.3	14088.0	26.6
	12:26: 1		14905.0	32.3	14088.0	26.6
	12:27: 1		14905.0	32.4	14088.0	26.6
	12:27:49		14905.0	32.4	14088.0	26.6
	12:32:51		15255.0	37.2	14089.0	26.9
	12:33: 0		15255.0	37.3	14089.0	26.9
	12:34: 0		15254.0	37.5	14089.0	26.9
	12:35: 0		15254.0	37.5	14080.0	27.0
	12:36: 0		15262.0	37.7	14089.0	27.0
	12:37: 2		15262.0	37.8	14089.0	27.1
	12:38: 2		15280.0	37.8	14089.0	27.1
	12:39: 2		15280.0	37.9	14081.0	27.2
	12:40: 2		15288.0	37.9	14081.0	27.2
	12:41: 2		15288.0	37.9	14081.0	27.3
	12:41:23		15288.0	38.0	14090.0	27.3
	12:45:45		15598.0	45.5	14090.0	27.5
	12:46: 2		15588.0	45.6	14090.0	27.5
	12:47: 2		15596.0	45.9	14090.0	27.5
	12:48: 2		15595.0	46.0	14081.0	27.5
	12:49: 2		15613.0	46.2	14081.0	27.5
	12:50: 2		15622.0	46.3	14090.0	27.5
	12:51: 2		15630.0	46.3	14081.0	27.5
	12:52: 2		15639.0	46.4	14090.0	27.5
	12:53: 2		15648.0	46.5	14090.0	27.5
	12:54: 1		15657.0	46.5	14090.0	27.6
	12:55: 1		15666.0	46.5	14090.0	27.6
	12:56: 1		15666.0	46.6	14090.0	27.5
	12:56:33		15675.0	46.6	14090.0	27.5
	13: 0:42		15984.0	55.0	14090.0	27.5
	13: 1: 0		15974.0	55.2	14090.0	27.5
	13: 2: 0		15974.0	55.5	14090.0	27.6
	13: 3: 0		15982.0	55.7	14090.0	27.6
	13: 4: 0		16000.0	55.9	14090.0	27.6
	13: 5: 0		16009.0	56.0	14090.0	27.5
	13: 6: 0		16018.0	56.1	14090.0	27.4
	13: 7: 0		16027.0	56.2	14090.0	27.4
	13: 8: 0		16037.0	56.2	14090.0	27.3
	13: 9: 1		16046.0	56.3	14089.0	27.3
	13: 9:19		16046.0	56.3	14089.0	27.2
	13:11:25		16144.0	58.0	14089.0	27.2
	13:12: 1		16143.0	58.1	14089.0	27.2

DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP
20 Aug 89	13:13: 1	METRIC	16143.0	58.4	14089.0	27.2
	13:14: 1	1 min	16152.0	58.5	14089.0	27.2
	13:15: 1		16161.0	58.6	14089.0	27.2
	13:16: 0		16161.0	58.7	14089.0	27.3
	13:17: 0		16170.0	58.7	14089.0	27.3
	13:18: 0		16179.0	58.8	14090.0	27.3
	13:19: 0		16188.0	58.8	14090.0	27.3
	13:19:17		16179.0	58.8	14090.0	27.3
	13:21:14		16278.0	60.0	14090.0	27.4
	13:22: 2		16277.0	60.1	14090.0	27.4
	13:23: 2		16277.0	60.2	14090.0	27.4
	13:24: 2		16277.0	60.3	14090.0	27.4
	13:25: 2		16286.0	60.4	14090.0	27.4
	13:26: 2		16286.0	60.5	14090.0	27.3
	13:27: 2		16286.0	60.5	14090.0	27.3
	13:28: 2		16295.0	60.6	14090.0	27.3
	13:29: 2		16295.0	60.6	14090.0	27.4
	13:29:15		16295.0	60.6	14090.0	27.4
	13:31:27		16384.0	61.7	14090.0	27.4
	13:32: 1		16384.0	61.8	14090.0	27.4
	13:33: 1		16384.0	61.9	14090.0	27.4
	13:34: 1		16384.0	62.0	14090.0	27.4
	13:35: 1		16384.0	62.0	14090.0	27.3
	13:36: 2		16393.0	62.1	14089.0	27.3
	13:37: 2		16393.0	62.1	14089.0	27.2
	13:37:53		16393.0	62.2	14089.0	27.2
	13:40: 0		16482.0	63.4	14089.0	27.1
	13:41: 2		16482.0	63.5	14089.0	27.1
	13:42: 2		16482.0	63.6	14089.0	27.1
	13:43: 2		16482.0	63.7	14089.0	27.1
	13:44: 2		16482.0	63.8	14089.0	27.1
	13:45: 1		16481.0	63.8	14089.0	27.2
	13:46: 1		16491.0	63.9	14089.0	27.2
	13:47: 1		16490.0	63.9	14089.0	27.2
	13:47:33		16490.0	63.9	14089.0	27.2
	13:49:27		16554.0	64.4	14089.0	27.2
	13:50: 1		16554.0	64.4	14089.0	27.1
	13:51: 1		16554.0	64.5	14089.0	27.1
	13:52: 1		16554.0	64.5	14089.0	27.1
	13:53: 1		16553.0	64.6	14089.0	27.1
	13:54: 2		16553.0	64.6	14098.0	27.1
	13:55: 2		16562.0	64.6	14089.0	27.0
	13:56: 2		16562.0	64.7	14089.0	27.0
	13:57: 2		16562.0	64.7	14089.0	27.0
	13:57:54	1 hr	16562.0	64.7	14089.0	27.0
	14: 0: 2		16571.0	64.7	14098.0	27.0
	15: 0: 2		16571.0	64.8	14089.0	26.8
	16: 0: 2		16571.0	64.8	14096.0	25.8
	17: 0: 2		16571.0	64.8	14094.0	24.8
	18: 0: 0		16571.0	64.8	14099.0	22.5
	19: 0: 0		16571.0	64.8	14101.0	17.7
	20: 0: 0		16580.0	64.8	14100.0	15.8
	21: 0: 0		16581.0	64.7	14099.0	14.5
	22: 0: 0		16581.0	64.7	14090.0	14.5



DATE	TIME	UNITS/ INTERVAL	PROBE - PRESSURE	119 TEMP	PROBE - PRESSURE	19 TEMP
20 Aug 89	23: 0: 0	METRIC	16571.0	64.7	14098.0	13.6
21 Aug 89	0: 0:14	1 hr	16571.0	64.7	14097.0	13.0
	1: 0: 2		16571.0	64.7	14097.0	12.6
	2: 0: 2		16571.0	64.7	14097.0	12.6
	3: 0: 2		16571.0	64.7	14097.0	12.4
	4: 0: 2		16571.0	64.7	14096.0	11.7
	5: 0: 1		16571.0	64.7	14104.0	10.6
	6: 0: 1		16571.0	64.7	14095.0	10.5
	7: 0: 1		16571.0	64.7	14095.0	10.7
	8: 0: 1		16571.0	64.7	14082.0	16.1
	8: 0:20		16571.0	64.7	14083.0	16.2
	9:19: 2		142.0	16.9	88.0	20.1
	9:20:20	1 min	132.0	17.0	96.0	20.1
	9:21: 1		132.0	17.1	88.0	20.2
	9:22: 1		132.0	17.2	88.0	20.3
	9:23: 1		131.0	17.3	88.0	20.3
	9:24: 1		131.0	17.4	88.0	20.4
	9:25: 0		121.0	17.5	88.0	20.4
	9:26: 0		130.0	17.6	88.0	20.5
	9:27: 0		121.0	17.7	88.0	20.6
	9:28: 0		120.0	17.8	89.0	20.6
	9:29: 1		120.0	17.9	89.0	20.7
	9:30: 1		120.0	18.0	89.0	20.8
	9:31: 1		119.0	18.0	89.0	20.8
	9:31:29		119.0	18.1	98.0	20.9

Date 28/09/89

MAGELLAN PETROLEUM

Time 12:21:24

Int

Hours 22.5

Read

Units

18000.

16400.

14800.

13200.

11600.

10000.

1 1

1 1 0.01

4.01

8.01

12.01

16.00

20.00

24.00

