

LOPETROL JO

Denne rapport
tilhører



L&U DOK. SENTER

L. NR. 302 84290035

KODE Well 31/2-5 nr 45

Returneres etter bruk

SIP BOTTOM HOLE PRESS. AND TEMP. SURVAY

ELS 84.28

: SHELL
: 31/2-5
: \
: NORWAY
: UNCONSOLIDATED SAND
: 15-16 APRIL 1984



SDP BOTTOM HOLE PRESS. AND TEMP. SURVAY

ELS 84.28

company	: SHELL
well	: 31/2-5
state	: \
country	: NORWAY
tested zone	: UNCONSOLIDATED SAND
date of test	: 15-16 APRIL 1984

SDP T.M. 83060

R.M. 83052

GENERAL INFORMATION

1.1 service :SDP BOTTOM HOLE PRESS. AND TEMP. SURVAY
1.2 company :SHELL
1.3 well :31/2-5
1.4 field :TROLL
1.6 country :NORWAY
1.7 tested zone :UNCONSOLIDATED SAND
1.8 lat.,long. :50deg 46' 15.20"N-03deg 25' 53.46"E

OPERATION DATA

2.1 date of test :15-16 APRIL 1984
2.2 report nbr. :ELS 84/28
2.3 base :HNB
2.4 district :ENR/NSD
2.5 recorded by :G-O.EIKEMO
2.6 witnessed by :G.RUNDGREN/N.DAY

EQUIPMENT DATA

3.3 surface equipt. :PCS#1135.HP PLOTTER 9876A #1150
3.4 downhole equipt. :SDP # 83060, RM # 83052

DEPTH INFORMATION

4.1 depth unit :MRKB
4.3 elevation :RKB-MSL=25m
4.6 total depth drlg. :2552 mSS
4.7 total depth FLO. :1568.4mRKB, BOTTOM OF AMERADA.
4.9 bottom log :1658mRKB
4.11 gauge set at :1565.58mRKB, SDP MP.

WELL DATA

5.1 well type :APPRAISAL
5.2 fluid type :OIL
5.5 production interval :1591-1594 mRKB
5.6 prod. string size :3.5"
5.7 O.H. size :9.5/8"
5.8 tbg. size :3.5"
5.9 tbg. shoe at :1590.1 mRKB
5.10 min. restriction :1.937" (RT NIPPEL)
5.13 B.H.P. :2305 FSI
5.14 B.H.T. :156 deg F

SEQUENCE OF EVENTS

DATE	TIME	OPERATION
		POST-ACID TEST
		SDP NO. 83060.
15.04.84		
	17:48	POWER ON SDP NO. 83117 (TOP GAUGE).
	17:51	POWER ON SDP NO. 83060 (BOTTOM GAUGE).
	18:01	TOOLS IN LUBRICATOR.
	18:07	LUBRICATOR CONNECTED.
	18:15	PRESSURE TEST TO 3000 PSI.
	18:23	BLEED OFF TO 600 PSI.
	18:25	OPEN LUBRICATOR VALVE.
	18:30	1ST GRADIENT STOP IN LUBRICATOR.
	18:42	R.I.H.
	19:11	2ND GRADIENT STOP. SDP NO. 83060. M.P. AT 1397.1 M RKB.
	19:26	R.I.H.
	19:35	3RD GRADIENT STOP. SDP NO. 83060. M.P. AT 1497.1 M RKB.
	19:45	R.I.H.
	19:51	IN 'F' NIPPLE, GAUGES HANG OFF. SDP NO. 83060 M.P. AT 1565.58 M RKB.
	20:10	WELL OPEN ON 12/64" ADJ. CHOKE, BEAMING SLOWLY UP TO 32/64" ADJ. CHOKE.
	20:15	CHANGE TO 32/64" FIX. CHOKE.

SHELL, WELL: 31/2-5, SDP#82060, MP @ 1565.58MRKB, POST-ACID TEST

(142) VERSUS TIME LOGGING START TIME: 15-APR-84 17:51:00 SCALE: 3600. sec/inch

	SDP (psia)	500.	2500.
		[2166.4]	
	SDT (degF)	40.	200.
		[154.07]	



SDP (psia) 1850. 2300.
.....
[1859.]

16-MAR-84 06:36:30

10000.			
1000.			.
			.
			.
			.
			.
100.			
10.			.
			.

16-MAR-84 08:40:50

SHELL, WELL: 31/2-5, SDP# 83960, NP @ 1565.59mRKB, POST-ACID TEST.

(219) LOG-LOG PLOT T0= 16-APR-84 06:36:30

PO=1059.01

8.6639	P-F0 (psia) 100.	2300.
.....		
[2.9297E-3]		

16-MAR-84 06:36:30

1. E-5		
1. E-4		
1. E-3		
1. E-2		
. 1		
1.		

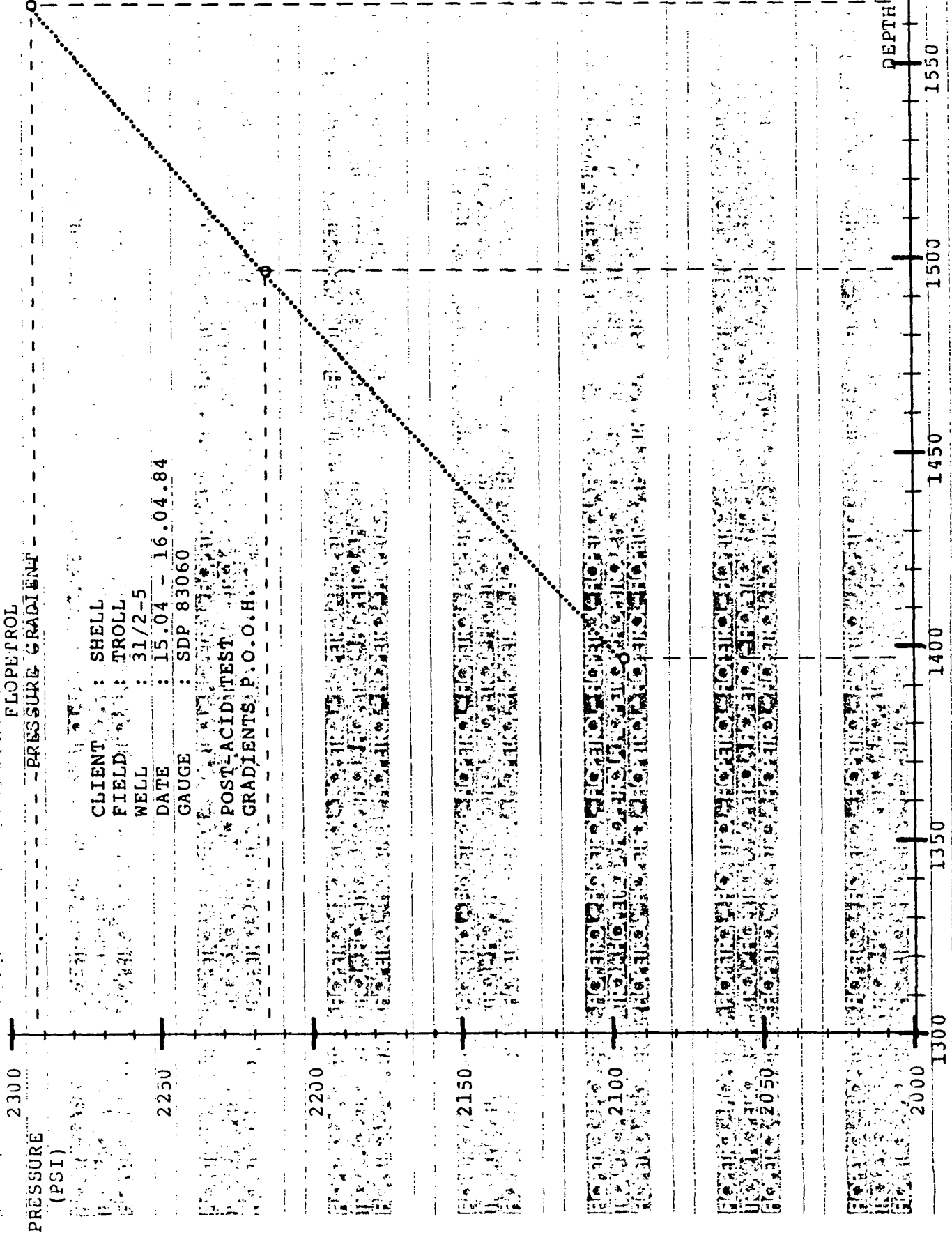
16-MAR-84 08:40:50

FLOPETROL
PRESSURE GRADIENT

PRESSURE
(PSI)

CLIENT : SHELL
FIELD : TROLL
WELL : 31/2-5
DATE : 15.04 - 16.04.84
GAUGE : SDP 83060

POST-ACID TEST
GRADIENTS P.O.O.H.



M RKB

DEPTH (METERS)

TIME 15-APR-84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
20:51:10	154.07	2166.69	0.0028	-2.5563	0.27	-0.5663
20:51:30	153.92	2166.14	0.0083	-2.0792	0.28	-0.5604
20:52:10	154.07	2166.09	0.0194	-1.7112	0.33	-0.4820
20:52:30	153.92	2166.09	0.0250	-1.6021	0.33	-0.4856
20:52:50	154.07	2166.50	0.0306	-1.5149	0.08	-1.0809
20:53:30	154.07	2166.61	0.0417	-1.3802	0.19	-0.7315
20:54:50	154.07	2165.99	0.0639	-1.1946	0.43	-0.3634
20:55:10	154.07	2165.44	0.0694	-1.1584	0.98	-0.0073
20:55:50	154.07	2165.44	0.0806	-1.0939	0.98	-0.0073
20:56:00	153.92	2165.78	0.0833	-1.0792	0.64	-0.1962
20:56:40	153.92	2166.13	0.0944	-1.0248	0.29	-0.5343
20:57:00	153.92	2166.35	0.1000	-1.0000	0.07	-1.1637
20:57:40	154.07	2166.00	0.1111	-0.9542	0.42	-0.3814
20:58:20	154.07	2166.14	0.1222	-0.9128	0.28	-0.5555
20:58:40	153.92	2166.23	0.1278	-0.8935	0.19	-0.7242
20:59:20	154.22	2165.64	0.1389	-0.8573	0.78	-0.1073
21:00:00	154.07	2166.18	0.1500	-0.8239	0.24	-0.6124
21:01:20	154.07	2166.37	0.1722	-0.7639	0.05	-1.2621
21:01:40	153.92	2166.01	0.1778	-0.7501	0.41	-0.3842
21:02:00	153.92	2166.11	0.1833	-0.7368	0.31	-0.5096
21:02:40	153.92	2165.92	0.1944	-0.7112	0.50	-0.3021
21:03:20	154.07	2166.50	0.2056	-0.6871	0.08	-1.0809
21:03:40	154.07	2166.79	0.2111	-0.6755	0.37	-0.4260
21:04:20	154.07	2166.09	0.2222	-0.6532	0.33	-0.4820
21:05:00	154.07	2165.81	0.2333	-0.6320	0.60	-0.2183
21:05:20	154.07	2166.06	0.2389	-0.6218	0.36	-0.4380
21:05:40	154.07	2165.87	0.2444	-0.6118	0.55	-0.2567
21:05:50	154.07	2166.12	0.2472	-0.6069	0.30	-0.5296
21:07:10	154.07	2166.31	0.2694	-0.5695	0.11	-0.9729
21:07:50	154.07	2166.38	0.2806	-0.5520	0.04	-1.4248
21:09:10	154.07	2166.02	0.3028	-0.5189	0.40	-0.3991
21:10:30	153.92	2166.08	0.3250	-0.4881	0.34	-0.4628
21:11:10	154.07	2166.25	0.3361	-0.4735	0.17	-0.7574
21:11:30	153.92	2166.26	0.3417	-0.4664	0.16	-0.8096
21:11:50	154.07	2165.85	0.3472	-0.4594	0.57	-0.2435
21:12:30	154.07	2165.88	0.3583	-0.4457	0.54	-0.2707
21:13:10	153.92	2165.53	0.3694	-0.4325	0.89	-0.0485
21:13:30	153.92	2165.39	0.3750	-0.4260	1.03	0.0135
21:14:50	154.22	2166.00	0.3972	-0.4010	0.42	-0.3771
21:15:10	154.07	2165.69	0.4028	-0.3949	0.73	-0.1396
21:16:30	153.92	2165.92	0.4250	-0.3716	0.50	-0.3021
21:17:10	154.07	2165.37	0.4361	-0.3604	1.05	0.0221
21:17:50	154.07	2166.18	0.4472	-0.3495	0.24	-0.6124
21:18:30	154.07	2165.99	0.4583	-0.3388	0.43	-0.3634
21:18:50	153.92	2166.14	0.4639	-0.3336	0.28	-0.5604
21:19:00	153.92	2166.26	0.4667	-0.3310	0.16	-0.8096
21:19:20	153.92	2165.87	0.4722	-0.3259	0.55	-0.2596
21:20:00	153.92	2165.66	0.4833	-0.3158	0.76	-0.1209
21:20:40	154.07	2165.87	0.4944	-0.3059	0.55	-0.2567
21:20:50	153.92	2165.89	0.4972	-0.3034	0.53	-0.2733
21:21:30	153.92	2165.53	0.5083	-0.2939	0.89	-0.0485
21:22:50	154.07	2166.04	0.5306	-0.2753	0.38	-0.4181
21:24:10	153.92	2165.72	0.5528	-0.2574	0.70	-0.1519
21:24:30	153.92	2165.99	0.5583	-0.2531	0.43	-0.3671
21:24:50	153.92	2165.94	0.5639	-0.2488	0.48	-0.3172
21:25:00	153.92	2166.06	0.5667	-0.2467	0.36	-0.4424
21:25:40	153.92	2165.80	0.5778	-0.2382	0.62	-0.2084
21:26:00	154.07	2165.92	0.5833	-0.2341	0.50	-0.2993
21:26:20	154.07	2165.54	0.5889	-0.2300	0.88	-0.0553
21:26:40	154.07	2165.63	0.5944	-0.2259	0.79	-0.0999
21:27:00	154.07	2165.30	0.6000	-0.2218	1.12	0.0496
21:27:40	153.92	2165.73	0.6111	-0.2139	0.69	-0.1629

TIME 15-APR-84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
21:28:00	153.92	2166.04	0.6167	-0.2099	0.38	-0.4223
21:28:40	154.07	2165.83	0.6278	-0.2022	0.59	-0.2311
21:29:00	153.92	2165.78	0.6333	-0.1984	0.64	-0.1962
21:29:10	154.07	2165.49	0.6361	-0.1965	0.93	-0.0308
21:29:30	153.92	2165.78	0.6417	-0.1927	0.64	-0.1962
21:29:50	153.92	2165.44	0.6472	-0.1889	0.98	-0.0089
21:30:10	154.07	2165.59	0.6528	-0.1852	0.83	-0.0819
21:30:30	154.07	2165.44	0.6583	-0.1816	0.98	-0.0073
21:30:50	153.92	2165.66	0.6639	-0.1779	0.76	-0.1209
21:31:10	153.92	2165.39	0.6694	-0.1743	1.03	0.0135
21:31:50	154.07	2165.61	0.6806	-0.1671	0.81	-0.0907
21:32:10	153.92	2165.78	0.6861	-0.1636	0.64	-0.1962
21:32:30	153.92	2165.44	0.6917	-0.1601	0.98	-0.0089
21:32:50	153.92	2165.90	0.6972	-0.1566	0.52	-0.2875
21:33:10	153.92	2165.54	0.7028	-0.1532	0.88	-0.0569
21:33:30	154.07	2165.88	0.7083	-0.1498	0.54	-0.2707
21:33:50	153.92	2165.51	0.7139	-0.1464	0.91	-0.0403
21:34:30	153.92	2165.47	0.7250	-0.1397	0.95	-0.0243
21:34:50	153.92	2165.96	0.7306	-0.1363	0.46	-0.3334
21:35:10	153.92	2165.47	0.7361	-0.1331	0.95	-0.0243
21:35:20	153.92	2165.47	0.7389	-0.1314	0.95	-0.0243
21:35:30	154.07	2165.13	0.7417	-0.1298	1.29	0.1116
21:36:10	154.07	2165.64	0.7528	-0.1233	0.78	-0.1097
21:36:20	153.92	2165.75	0.7556	-0.1217	0.67	-0.1735
21:37:00	153.92	2165.39	0.7667	-0.1154	1.03	0.0135
21:37:20	153.92	2164.82	0.7722	-0.1123	1.60	0.2038
21:37:30	153.92	2164.44	0.7750	-0.1107	1.98	0.2961
21:38:10	154.07	2164.85	0.7861	-0.1045	1.57	0.1953
21:38:30	154.07	2164.92	0.7917	-0.1015	1.50	0.1757
21:38:40	153.92	2164.80	0.7944	-0.0999	1.62	0.2084
21:39:20	153.92	2165.46	0.8056	-0.0939	0.96	-0.0165
21:40:00	153.92	2165.56	0.8167	-0.0880	0.86	-0.0657
21:40:10	153.92	2165.46	0.8194	-0.0865	0.96	-0.0165
21:40:20	153.92	2165.66	0.8222	-0.0850	0.76	-0.1209
21:40:30	153.92	2165.46	0.8250	-0.0835	0.96	-0.0165
21:41:10	153.92	2165.66	0.8361	-0.0777	0.76	-0.1209
21:41:50	153.92	2165.22	0.8472	-0.0720	1.20	0.0004
21:42:30	154.07	2165.30	0.8583	-0.0663	1.12	0.0496
21:42:40	153.92	2165.23	0.8611	-0.0649	1.19	0.0742
21:43:00	153.92	2165.72	0.8667	-0.0621	0.70	-0.1519
21:43:20	153.92	2165.70	0.8722	-0.0594	0.72	-0.1415
21:43:30	153.92	2165.80	0.8750	-0.0580	0.62	-0.2084
21:44:10	153.92	2165.35	0.8861	-0.0525	1.07	0.0278
21:44:50	154.07	2165.23	0.8972	-0.0471	1.19	0.0753
21:45:10	153.92	2165.53	0.9028	-0.0444	0.89	-0.0485
21:45:20	154.07	2165.52	0.9056	-0.0431	0.90	-0.0470
21:45:30	153.92	2165.22	0.9083	-0.0418	1.20	0.0004
21:45:50	153.92	2165.41	0.9139	-0.0391	1.01	0.0064
21:46:10	153.92	2165.20	0.9194	-0.0365	1.22	0.0065
21:46:30	153.92	2165.42	0.9250	-0.0339	1.00	-0.0010
21:46:50	153.92	2165.32	0.9306	-0.0313	1.10	0.0413
21:47:10	154.07	2165.68	0.9361	-0.0287	0.74	-0.1292
21:48:30	154.07	2165.52	0.9583	-0.0185	0.90	-0.0470
21:48:40	154.07	2165.71	0.9611	-0.0172	0.71	-0.1500
21:49:20	154.07	2165.52	0.9722	-0.0122	0.90	-0.0470
21:50:00	153.92	2165.03	0.9833	-0.0073	1.39	0.1439
21:50:20	153.92	2164.91	0.9889	-0.0049	1.51	0.1800
21:50:40	153.92	2165.16	0.9944	-0.0024	1.26	0.0989
21:50:50	153.92	2165.30	0.9972	-0.0012	1.12	0.0484
21:51:30	153.92	2164.87	1.0083	0.0036	1.55	0.1897
21:51:50	154.07	2164.73	1.0139	0.0060	1.69	0.2274
21:52:30	153.92	2165.04	1.0250	0.0107	1.38	0.1385

TIME 15-APR-84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
21:52:50	154.07	2165.04	1.0306	0.0131	1.38	0.1395
21:53:00	153.92	2165.28	1.0333	0.0142	1.14	0.0550
21:53:20	153.92	2164.84	1.0389	0.0166	1.58	0.1991
21:53:40	153.92	2165.35	1.0444	0.0189	1.07	0.0278
21:53:50	153.92	2165.08	1.0472	0.0200	1.34	0.1274
21:54:10	154.07	2165.37	1.0528	0.0223	1.05	0.0221
21:54:50	153.77	2165.50	1.0639	0.0269	0.92	-0.0339
21:55:00	153.92	2165.58	1.0667	0.0280	0.84	-0.0744
21:55:10	153.92	2165.10	1.0694	0.0292	1.32	0.1219
21:55:50	153.92	2165.16	1.0806	0.0336	1.26	0.0989
21:56:10	153.92	2165.06	1.0861	0.0359	1.36	0.1328
21:56:30	153.92	2165.47	1.0917	0.0381	0.95	-0.0243
21:57:10	153.92	2165.25	1.1028	0.0425	1.17	0.0679
21:57:50	153.92	2165.49	1.1139	0.0468	0.93	-0.0322
21:58:10	153.77	2165.32	1.1194	0.0490	1.10	0.0401
21:58:30	153.92	2165.46	1.1250	0.0512	0.96	-0.0165
21:58:40	153.92	2165.15	1.1278	0.0522	1.27	0.1046
21:59:00	153.92	2165.34	1.1333	0.0544	1.08	0.0347
21:59:40	153.92	2165.27	1.1444	0.0586	1.15	0.0615
22:00:00	153.92	2165.37	1.1500	0.0607	1.05	0.0206
.CHANGE TO 32/64"ADJ.CHOKE, BEAM UP SLOWLY TO 56/64"ADJ.CHOKE.						
22:00:10	153.92	2165.28	1.1528	0.0617	1.14	0.0550
22:00:20	153.92	2164.68	1.1556	0.0628	1.74	0.2397
22:00:30	153.92	2160.90	1.1583	0.0638	5.52	0.7418
22:00:40	153.92	2157.57	1.1611	0.0649	8.85	0.9472
22:00:50	153.92	2151.33	1.1639	0.0659	15.09	1.1788
22:01:10	154.07	2137.33	1.1694	0.0680	29.09	1.4637
22:01:20	153.92	2130.71	1.1722	0.0690	35.71	1.5527
22:01:40	153.92	2119.73	1.1778	0.0711	46.69	1.6692
22:02:00	153.92	2109.47	1.1833	0.0731	56.95	1.7555
22:02:10	153.92	2104.48	1.1861	0.0741	61.94	1.7920
22:02:30	153.92	2093.70	1.1917	0.0762	72.72	1.8616
22:02:50	153.92	2084.97	1.1972	0.0782	81.45	1.9109
22:03:00	153.92	2081.38	1.2000	0.0792	85.04	1.9296
22:03:20	153.92	2075.38	1.2056	0.0812	91.04	1.9592
22:03:40	153.92	2069.97	1.2111	0.0832	96.45	1.9843
22:04:00	153.92	2065.19	1.2167	0.0852	101.23	2.0053
22:04:10	153.92	2063.06	1.2194	0.0862	103.36	2.0144
22:04:30	153.77	2059.32	1.2250	0.0881	107.10	2.0298
22:05:10	153.92	2054.29	1.2361	0.0921	112.13	2.0497
22:05:50	153.92	2050.34	1.2472	0.0959	116.08	2.0647
22:06:10	153.77	2048.87	1.2528	0.0979	117.55	2.0702
22:06:30	153.92	2047.75	1.2583	0.0998	118.67	2.0744
22:06:50	153.77	2046.94	1.2639	0.1017	119.48	2.0773
22:07:30	153.92	2044.53	1.2750	0.1055	121.89	2.0860
22:07:50	153.92	2044.14	1.2806	0.1074	122.28	2.0874
22:08:10	153.92	2044.09	1.2861	0.1093	122.33	2.0875
22:08:50	153.92	2044.96	1.2972	0.1130	121.46	2.0844
22:09:30	153.92	2045.36	1.3083	0.1167	121.06	2.0830
22:10:10	153.92	2045.31	1.3194	0.1204	121.11	2.0832
22:10:50	154.07	2045.80	1.3306	0.1240	120.62	2.0814
22:12:10	153.92	2046.06	1.3528	0.1312	120.36	2.0805
22:12:30	154.07	2046.54	1.3583	0.1330	119.88	2.0787
22:12:50	154.07	2046.73	1.3639	0.1348	119.69	2.0781
22:13:10	154.07	2046.33	1.3694	0.1365	120.09	2.0795
22:13:20	154.07	2045.73	1.3722	0.1374	120.69	2.0817
22:14:00	154.07	2042.28	1.3833	0.1409	124.14	2.0939
22:14:20	154.22	2040.95	1.3889	0.1427	125.47	2.0985
22:15:00	153.92	2039.21	1.4000	0.1461	127.21	2.1045
22:15:10	154.07	2038.86	1.4028	0.1470	127.56	2.1057
22:16:30	154.07	2038.65	1.4250	0.1538	127.77	2.1064
22:17:10	154.07	2039.10	1.4361	0.1572	127.32	2.1049

TIME 15-APR-84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
22:17:30	154.07	2039.94	1.4417	0.1589	126.48	2.1020
22:18:50	154.07	2041.80	1.4639	0.1655	124.62	2.0956
22:20:10	154.22	2043.31	1.4861	0.1721	123.11	2.0903
22:21:30	154.22	2044.29	1.5083	0.1785	122.13	2.0868
22:22:50	154.07	2044.79	1.5306	0.1848	121.63	2.0850
22:25:30	154.22	2045.03	1.5750	0.1973	121.39	2.0842
22:28:10	154.07	2044.89	1.6194	0.2094	121.53	2.0847
22:29:30	154.22	2044.92	1.6417	0.2153	121.50	2.0846
.CHANGE TO 56/64"FIX.CHOKE.						
22:30:10	154.22	2045.09	1.6528	0.2182	121.33	2.0840
22:30:20	154.22	2045.08	1.6556	0.2189	121.34	2.0840
22:30:30	154.07	2044.14	1.6583	0.2197	122.28	2.0874
22:30:50	154.22	2043.70	1.6639	0.2211	122.72	2.0889
22:32:10	154.07	2044.00	1.6861	0.2269	122.42	2.0879
22:34:50	154.22	2043.67	1.7306	0.2382	122.75	2.0890
22:36:10	154.07	2043.33	1.7528	0.2437	123.09	2.0902
22:38:50	154.07	2043.29	1.7972	0.2546	123.13	2.0904
22:40:10	154.22	2043.03	1.8194	0.2599	123.39	2.0913
22:41:30	154.22	2043.14	1.8417	0.2652	123.28	2.0909
23:02:50	154.07	2041.68	2.1972	0.3419	124.74	2.0960
23:13:30	154.07	2040.58	2.3750	0.3757	125.84	2.0998
23:16:10	154.07	2040.39	2.4194	0.3837	126.03	2.1005
23:17:30	154.07	2040.42	2.4417	0.3877	126.00	2.1004
23:18:50	154.07	2040.08	2.4639	0.3916	126.34	2.1015
23:24:10	154.07	2040.10	2.5528	0.4070	126.32	2.1015
23:25:30	154.07	2039.84	2.5750	0.4108	126.58	2.1024
23:26:10	154.07	2039.67	2.5861	0.4126	126.75	2.1030
23:26:50	154.07	2040.97	2.5972	0.4145	125.45	2.0985
23:27:10	154.22	2041.67	2.6028	0.4154	124.75	2.0960
23:27:30	154.22	2041.90	2.6083	0.4164	124.52	2.0952
23:28:50	154.22	2040.37	2.6306	0.4200	126.05	2.1005
23:30:10	154.07	2039.62	2.6528	0.4237	126.80	2.1031
23:35:30	154.22	2038.86	2.7417	0.4380	127.56	2.1057
23:38:10	154.22	2038.56	2.7861	0.4450	127.86	2.1067
23:43:30	154.07	2038.50	2.8750	0.4586	127.92	2.1069
23:48:50	154.07	2038.03	2.9639	0.4719	128.39	2.1085
23:51:30	154.07	2038.07	3.0083	0.4783	128.35	2.1084
23:56:50	154.07	2037.60	3.0972	0.4910	128.82	2.1100
23:59:30	154.07	2037.54	3.1417	0.4972	128.88	2.1102
.CHANGE TO 56/64"ADJ.CHOKE, BEAM UP SLOWLY TO 112/64"FIX.CHOKE.						
00:00:10	154.22	2037.45	3.1528	0.4987	128.97	2.1105
00:00:20	154.07	2037.45	3.1556	0.4991	128.97	2.1105
00:00:40	154.07	2035.87	3.1611	0.4998	130.55	2.1158
00:01:00	154.07	2036.47	3.1667	0.5006	129.95	2.1138
00:01:10	154.07	2036.02	3.1694	0.5010	130.40	2.1153
00:01:20	154.22	2034.78	3.1722	0.5014	131.64	2.1194
00:01:30	154.07	2032.62	3.1750	0.5017	133.80	2.1265
00:01:40	154.07	2029.97	3.1778	0.5021	136.45	2.1350
00:01:50	154.22	2026.33	3.1806	0.5025	140.09	2.1464
00:02:10	154.07	2016.86	3.1861	0.5033	149.56	2.1748
00:02:30	154.22	2008.34	3.1917	0.5040	158.08	2.1989
00:02:40	154.07	2004.18	3.1944	0.5044	162.24	2.2102
00:03:00	154.07	1996.91	3.2000	0.5051	169.51	2.2292
00:03:20	154.07	1990.62	3.2056	0.5059	175.80	2.2450
00:03:40	154.07	1985.18	3.2111	0.5067	181.24	2.2583
00:04:20	154.07	1975.83	3.2222	0.5082	190.59	2.2801
00:04:40	154.07	1971.24	3.2278	0.5089	195.18	2.2904
00:04:50	154.07	1969.28	3.2306	0.5093	197.14	2.2948
.AT 112/64"FIX.CHOKE.						
00:05:10	154.07	1966.16	3.2361	0.5100	200.26	2.3016
00:06:30	154.07	1955.71	3.2583	0.5130	210.71	2.3237
00:06:40	154.07	1954.15	3.2611	0.5134	212.27	2.3269

TIME 16-APR84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
00:06:50	154.07	1952.20	3.2639	0.5137	214.22	2.3309
00:07:10	154.07	1947.74	3.2694	0.5145	218.68	2.3398
00:07:30	154.07	1942.69	3.2750	0.5152	223.73	2.3497
00:07:50	154.07	1937.94	3.2806	0.5159	228.48	2.3588
00:08:00	154.07	1935.83	3.2833	0.5163	230.59	2.3628
00:08:10	154.07	1933.39	3.2861	0.5167	233.03	2.3674
00:08:30	154.07	1929.34	3.2917	0.5174	237.08	2.3749
00:08:50	154.22	1925.81	3.2972	0.5181	240.61	2.3813
00:09:10	154.07	1922.98	3.3028	0.5189	243.44	2.3864
00:09:30	154.07	1920.64	3.3083	0.5196	245.78	2.3905
00:09:50	154.07	1918.86	3.3139	0.5203	247.56	2.3937
00:10:30	154.07	1916.26	3.3250	0.5218	250.16	2.3982
00:10:50	154.07	1915.44	3.3306	0.5225	250.98	2.3996
00:11:30	154.07	1914.72	3.3417	0.5240	251.70	2.4009
00:12:10	154.07	1914.77	3.3528	0.5254	251.65	2.4008
00:13:30	154.22	1916.16	3.3750	0.5283	250.26	2.3984
00:14:50	154.22	1918.22	3.3972	0.5311	248.20	2.3948
00:17:30	154.22	1921.35	3.4417	0.5368	245.07	2.3893
00:18:50	154.38	1922.82	3.4639	0.5396	243.60	2.3867
00:20:10	154.38	1923.78	3.4861	0.5423	242.64	2.3850
00:21:30	154.22	1924.09	3.5083	0.5451	242.33	2.3844
00:24:10	154.38	1923.61	3.5528	0.5506	242.81	2.3853
00:26:50	154.38	1922.61	3.5972	0.5560	243.81	2.3870
00:29:30	154.38	1921.27	3.6417	0.5613	245.15	2.3894
00:30:50	154.38	1920.79	3.6639	0.5639	245.63	2.3903
00:32:10	154.38	1920.66	3.6861	0.5666	245.76	2.3905
00:33:30	154.38	1921.12	3.7083	0.5692	245.30	2.3897
.CHANGE TO 128/64"FIX.CHOKE.						
00:36:10	154.22	1920.35	3.7528	0.5744	246.07	2.3911
00:37:30	154.38	1918.37	3.7750	0.5769	248.05	2.3945
00:38:50	154.38	1917.24	3.7972	0.5795	249.18	2.3965
00:39:30	154.38	1916.93	3.8083	0.5807	249.49	2.3971
00:40:10	154.38	1916.14	3.8194	0.5820	250.28	2.3984
00:45:30	154.38	1915.02	3.9083	0.5920	251.40	2.4004
00:48:10	154.38	1914.92	3.9528	0.5969	251.50	2.4005
00:48:50	154.53	1914.85	3.9639	0.5981	251.57	2.4007
00:51:30	154.38	1914.11	4.0083	0.6030	252.31	2.4019
00:52:50	154.38	1913.59	4.0306	0.6054	252.82	2.4028
00:55:30	154.38	1913.13	4.0750	0.6101	253.29	2.4036
00:58:10	154.38	1912.31	4.1194	0.6148	254.11	2.4050
00:59:30	154.38	1911.84	4.1417	0.6172	254.58	2.4058
01:00:50	154.38	1911.81	4.1639	0.6195	254.61	2.4059
01:03:30	154.38	1911.00	4.2083	0.6241	255.42	2.4073
01:06:10	154.38	1910.83	4.2528	0.6287	255.59	2.4075
01:07:30	154.38	1910.86	4.2750	0.6309	255.56	2.4075
01:10:10	154.38	1910.31	4.3194	0.6354	256.11	2.4084
01:12:50	154.38	1909.27	4.3639	0.6399	257.15	2.4102
01:15:30	154.38	1908.85	4.4083	0.6443	257.57	2.4109
01:20:50	154.38	1907.22	4.4972	0.6529	259.20	2.4136
01:21:30	154.38	1906.88	4.5083	0.6540	259.54	2.4142
01:26:50	154.38	1906.16	4.5972	0.6625	260.26	2.4154
01:29:30	154.38	1905.68	4.6417	0.6667	260.74	2.4162
01:30:50	154.38	1905.25	4.6639	0.6687	261.17	2.4169
01:33:30	154.38	1905.01	4.7083	0.6729	261.41	2.4173
01:38:50	154.38	1903.85	4.7972	0.6810	262.56	2.4192
01:44:10	154.38	1903.05	4.8861	0.6890	263.37	2.4206
01:46:50	154.38	1902.64	4.9306	0.6929	263.78	2.4213
01:48:10	154.38	1902.41	4.9528	0.6948	264.01	2.4216
01:49:30	154.38	1901.81	4.9750	0.6968	264.61	2.4226
01:50:50	154.38	1901.66	4.9972	0.6987	264.76	2.4229
01:52:10	154.38	1901.07	5.0194	0.7007	265.35	2.4238
01:52:50	154.38	1901.33	5.0306	0.7016	265.09	2.4234

TIME 16-APR-84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
01:58:10	154.38	1900.78	5.1194	0.7092	265.64	2.4243
01:59:30	154.38	1900.42	5.1417	0.7111	266.00	2.4249
02:02:10	154.38	1900.23	5.1861	0.7148	266.19	2.4252
02:07:30	154.38	1899.01	5.2750	0.7222	267.41	2.4272
02:10:10	154.38	1898.62	5.3194	0.7259	267.80	2.4278
02:11:30	154.38	1898.05	5.3417	0.7277	268.37	2.4287
02:12:50	154.38	1897.84	5.3639	0.7295	268.58	2.4291
02:13:30	154.38	1897.41	5.3750	0.7304	269.01	2.4298
02:16:10	154.38	1897.16	5.4194	0.7340	269.26	2.4302
02:17:30	154.38	1896.69	5.4417	0.7357	269.73	2.4309
02:18:10	154.38	1896.66	5.4528	0.7366	269.76	2.4310
02:19:30	154.38	1895.99	5.4750	0.7384	270.43	2.4321
02:22:10	154.22	1895.61	5.5194	0.7419	270.81	2.4327
02:23:30	154.22	1895.56	5.5417	0.7436	270.86	2.4327
02:26:10	154.38	1894.24	5.5861	0.7471	272.18	2.4349
02:27:30	154.38	1894.18	5.6083	0.7488	272.24	2.4349
02:28:10	154.38	1893.75	5.6194	0.7497	272.67	2.4356
02:29:30	154.38	1893.69	5.6417	0.7514	272.73	2.4357
02:32:10	154.38	1892.88	5.6861	0.7548	273.54	2.4370
02:32:50	154.22	1892.78	5.6972	0.7557	273.64	2.4372
02:34:10	154.38	1891.88	5.7194	0.7574	274.54	2.4386
02:35:30	154.22	1890.30	5.7417	0.7590	276.12	2.4411
02:36:50	154.38	1889.39	5.7639	0.7607	277.03	2.4425
02:38:10	154.38	1889.03	5.7861	0.7624	277.39	2.4431
02:40:50	154.38	1889.91	5.8306	0.7657	276.51	2.4417
02:43:30	154.38	1889.48	5.8750	0.7690	276.94	2.4424
02:44:10	154.38	1889.03	5.8861	0.7698	277.39	2.4431
02:46:50	154.38	1888.77	5.9306	0.7731	277.65	2.4435
02:48:10	154.38	1888.88	5.9528	0.7747	277.54	2.4433
02:50:50	154.38	1888.31	5.9972	0.7780	278.11	2.4442
02:52:10	154.38	1887.91	6.0194	0.7796	278.51	2.4448
02:57:30	154.22	1887.30	6.1083	0.7859	279.12	2.4458
02:58:50	154.22	1887.23	6.1306	0.7875	279.19	2.4459
03:01:30	154.22	1886.47	6.1750	0.7906	279.95	2.4471
03:02:50	154.38	1886.30	6.1972	0.7922	280.12	2.4473
03:03:30	154.38	1886.04	6.2083	0.7930	280.38	2.4477
03:06:10	154.38	1888.10	6.2528	0.7961	278.32	2.4445
03:11:30	154.38	1887.64	6.3417	0.8022	278.78	2.4453
03:12:50	154.38	1887.55	6.3639	0.8037	278.87	2.4454
03:13:30	154.38	1887.71	6.3750	0.8045	278.71	2.4452
03:14:50	154.38	1887.54	6.3972	0.8060	278.88	2.4454
03:15:30	154.38	1887.54	6.4083	0.8067	278.88	2.4454
03:16:50	154.22	1886.87	6.4306	0.8082	279.55	2.4465
03:22:10	154.22	1885.46	6.5194	0.8142	280.96	2.4486
03:23:30	154.22	1885.20	6.5417	0.8157	281.22	2.4490
03:26:10	154.38	1885.51	6.5861	0.8186	280.91	2.4486
03:26:50	154.38	1885.49	6.5972	0.8194	280.93	2.4486
03:28:10	154.38	1884.94	6.6194	0.8208	281.48	2.4494
03:30:50	154.38	1884.55	6.6639	0.8237	281.87	2.4501
03:31:30	154.38	1884.56	6.6750	0.8245	281.86	2.4500
03:31:40	154.22	1884.62	6.6778	0.8246	281.80	2.4499
03:31:50	154.22	1885.22	6.6806	0.8248	281.20	2.4490
03:32:30	154.38	1885.39	6.6917	0.8255	281.03	2.4488
03:37:50	154.38	1884.12	6.7806	0.8313	282.30	2.4507
03:39:10	154.38	1884.03	6.8028	0.8327	282.39	2.4508
03:39:50	154.38	1883.84	6.8139	0.8334	282.58	2.4511
03:42:30	154.38	1883.88	6.8583	0.8362	282.54	2.4511
03:43:50	154.38	1883.72	6.8806	0.8376	282.70	2.4513
03:44:30	154.22	1883.45	6.8917	0.8383	282.97	2.4517
03:55:10	154.22	1882.85	7.0694	0.8494	283.57	2.4527
03:56:30	154.22	1882.69	7.0917	0.8507	283.73	2.4529
03:57:10	154.38	1882.81	7.1028	0.8514	283.61	2.4527

TIME 16-APR-84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
04:02:30	154.38	1881.82	7.1917	0.8568	284.60	2.4542
04:03:50	154.22	1881.35	7.2139	0.8582	285.07	2.4549
04:06:30	154.22	1881.23	7.2583	0.8608	285.19	2.4551
04:07:50	154.38	1880.85	7.2806	0.8622	285.57	2.4557
04:10:30	154.38	1880.89	7.3250	0.8648	285.53	2.4557
04:13:10	154.22	1880.36	7.3694	0.8674	286.06	2.4565
04:14:30	154.38	1880.06	7.3917	0.8687	286.36	2.4569
04:15:50	154.38	1880.20	7.4139	0.8700	286.22	2.4567
04:17:10	154.22	1879.91	7.4361	0.8713	286.51	2.4571
04:17:30	154.22	1879.46	7.4417	0.8717	286.96	2.4578
04:18:50	154.22	1879.07	7.4639	0.8730	287.35	2.4584
04:20:10	154.38	1879.15	7.4861	0.8743	287.27	2.4583
04:21:30	154.22	1878.37	7.5083	0.8755	288.05	2.4595
04:22:50	154.22	1878.02	7.5306	0.8768	288.40	2.4600
04:23:30	154.22	1877.82	7.5417	0.8775	288.60	2.4603
04:24:50	154.38	1877.92	7.5639	0.8787	288.50	2.4602
04:27:30	154.22	1877.33	7.6083	0.8813	289.08	2.4610
04:28:50	154.38	1877.45	7.6306	0.8826	288.97	2.4608
04:29:00	154.22	1877.49	7.6333	0.8827	288.93	2.4608
04:29:40	154.22	1876.78	7.6444	0.8833	289.64	2.4619
04:32:20	154.38	1875.92	7.6889	0.8859	290.50	2.4631
04:33:40	154.38	1875.80	7.7111	0.8871	290.62	2.4633
04:35:00	154.22	1875.34	7.7333	0.8884	291.08	2.4640
04:37:40	154.38	1875.48	7.7778	0.8909	290.94	2.4638
04:39:00	154.22	1874.71	7.8000	0.8921	291.71	2.4650
04:44:20	154.22	1873.85	7.8889	0.8970	292.57	2.4662
04:45:00	154.22	1873.92	7.9000	0.8976	292.50	2.4661
04:50:20	154.38	1872.68	7.9889	0.9025	293.74	2.4680
04:53:00	154.38	1872.52	8.0333	0.9049	293.90	2.4682
04:54:20	154.22	1872.51	8.0556	0.9061	293.91	2.4682
04:55:40	154.38	1872.11	8.0778	0.9073	294.31	2.4688
04:57:00	154.38	1872.25	8.1000	0.9085	294.17	2.4686
04:58:20	154.22	1871.94	8.1222	0.9097	294.48	2.4691
04:59:00	154.22	1871.96	8.1333	0.9103	294.46	2.4690
05:00:20	154.38	1871.41	8.1556	0.9115	295.01	2.4698
05:03:00	154.22	1871.08	8.2000	0.9138	295.34	2.4703
05:04:20	154.22	1870.82	8.2222	0.9150	295.60	2.4707
05:05:00	154.38	1870.38	8.2333	0.9156	296.04	2.4714
05:07:40	154.22	1869.43	8.2778	0.9179	296.99	2.4727
05:09:00	154.22	1869.11	8.3000	0.9191	297.31	2.4732
05:10:20	154.22	1869.23	8.3222	0.9202	297.19	2.4730
05:15:40	154.22	1868.45	8.4111	0.9249	297.97	2.4742
05:17:00	154.38	1868.42	8.4333	0.9260	298.00	2.4742
05:17:40	154.22	1868.32	8.4444	0.9266	298.10	2.4744
05:18:00	154.38	1868.19	8.4500	0.9269	298.23	2.4745
05:18:40	154.38	1868.44	8.4611	0.9274	297.98	2.4742
05:24:00	154.38	1868.07	8.5500	0.9320	298.35	2.4747
05:25:20	154.22	1868.01	8.5722	0.9331	298.41	2.4748
05:26:40	154.22	1867.58	8.5944	0.9342	298.84	2.4754
05:29:20	154.22	1867.22	8.6389	0.9365	299.20	2.4760
05:32:00	154.22	1866.48	8.6833	0.9387	299.94	2.4770
05:37:20	154.22	1866.12	8.7722	0.9431	300.30	2.4776
05:40:00	154.38	1865.65	8.8167	0.9453	300.77	2.4782
05:41:20	154.22	1865.28	8.8389	0.9464	301.14	2.4788
05:44:00	154.22	1865.09	8.8833	0.9486	301.33	2.4790
05:45:20	154.07	1864.94	8.9056	0.9497	301.48	2.4793
05:46:00	154.22	1864.98	8.9167	0.9502	301.44	2.4792
05:51:20	154.22	1863.73	9.0056	0.9545	302.69	2.4810
05:52:40	154.22	1863.51	9.0278	0.9556	302.91	2.4813
05:54:00	154.22	1862.96	9.0500	0.9566	303.46	2.4821
05:54:40	154.22	1862.68	9.0611	0.9572	303.74	2.4825
05:57:20	154.22	1862.63	9.1056	0.9593	303.79	2.4826

TIME 16-APR84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)
05:58:40	154.22	1862.96	9.1278	0.9604	303.46	2.4821
06:00:00	154.22	1862.91	9.1500	0.9614	303.51	2.4822
06:01:20	154.22	1862.48	9.1722	0.9625	303.94	2.4828
06:02:40	154.22	1862.46	9.1944	0.9635	303.96	2.4828
06:03:20	154.22	1862.25	9.2056	0.9640	304.17	2.4831
06:04:40	154.07	1862.46	9.2278	0.9651	303.96	2.4828
06:06:00	154.22	1862.17	9.2500	0.9661	304.25	2.4832
06:06:40	154.22	1862.10	9.2611	0.9667	304.32	2.4833
06:08:00	154.22	1861.55	9.2833	0.9677	304.87	2.4841
06:09:20	154.22	1861.55	9.3056	0.9687	304.87	2.4841
06:10:00	154.22	1861.43	9.3167	0.9693	304.99	2.4843
06:12:40	154.07	1861.47	9.3611	0.9713	304.95	2.4842
06:18:00	154.22	1860.71	9.4500	0.9754	305.71	2.4853
06:20:40	154.38	1860.10	9.4944	0.9775	306.32	2.4862
06:23:20	154.07	1859.89	9.5389	0.9795	306.53	2.4865
06:24:40	154.22	1859.83	9.5611	0.9805	306.59	2.4866
06:26:00	154.22	1859.49	9.5833	0.9815	306.93	2.4870
06:31:20	154.22	1859.11	9.6722	0.9855	307.31	2.4876
06:32:40	154.22	1858.72	9.6944	0.9865	307.70	2.4881
06:35:20	154.07	1858.37	9.7389	0.9885	308.05	2.4886
06:35:40	154.22	1858.39	9.7444	0.9888	308.03	2.4886
06:35:50	154.22	1858.41	9.7472	0.9889	308.01	2.4886
06:36:10	154.22	1859.08	9.7528	0.9891	307.34	2.4876

.SHUT IN WELL AT PCT-VALVE FOR BUILD UP

[209] T0=16-APR-84 06:36:30

P0=1859.01 FT=009:00:00

TIME 16-APR-84	SDT degF	SDP psia	t-t0 HR	L(t-t0)	P-P0 psia	L(P-P0)	L(Horn)
06:36:30	154.22	1859.01	0.0000	-5.0000	0.00	-2.5332	5.9542
06:36:40	154.22	1927.50	0.0028	-2.5563	68.49	1.8356	3.5107
06:36:50	154.22	2251.40	0.0056	-2.2553	392.39	2.5937	3.2098
06:37:00	154.22	2277.40	0.0083	-2.0792	418.39	2.6216	3.0338
06:37:10	154.07	2284.96	0.0111	-1.9542	425.95	2.6294	2.9090
06:37:20	154.38	2288.37	0.0139	-1.8573	429.36	2.6328	2.8122
06:37:30	154.38	2290.30	0.0167	-1.7782	431.29	2.6348	2.7332
06:37:40	154.22	2291.57	0.0194	-1.7112	432.56	2.6361	2.6664
06:38:00	154.22	2293.14	0.0250	-1.6021	434.13	2.6376	2.5575
06:38:20	154.38	2293.98	0.0306	-1.5149	434.97	2.6385	2.4706
06:39:00	154.38	2294.72	0.0417	-1.3802	435.71	2.6392	2.3365
06:40:20	154.53	2295.19	0.0639	-1.1946	436.18	2.6397	2.1519
08:05:40	153.46	2296.31	1.4861	0.1721	437.30	2.6408	0.8486
08:27:00	153.46	2296.48	1.8417	0.2652	437.47	2.6409	0.7699
08:37:40	153.46	2296.51	2.0194	0.3052	437.50	2.6410	0.7369
08:40:20	153.46	2296.51	2.0639	0.3147	437.50	2.6410	0.7292
08:40:40	153.46	2296.53	2.0694	0.3159	437.52	2.6410	0.7283
08:40:50	153.46	2295.69	2.0722	0.3164	436.68	2.6402	0.7278

.OPEN PCT-VALVE

[213] START TIME:16-APR-84 08:41:00

TIME 16-APR-84	SDT degF	SDP psia
08:41:10	153.31	1314.93
08:41:20	153.15	1342.93
08:41:30	153.15	1385.80
08:41:40	153.15	1426.62
08:41:50	153.31	1465.73
08:42:00	153.31	1502.69
08:42:10	153.31	1537.69

16-APR-84	SIT degF	SDP psia
08:42:20	153.31	1570.40
08:42:30	153.31	1600.82
08:42:40	153.46	1628.82
08:43:00	153.46	1684.02
08:43:20	153.46	1740.08
08:43:30	153.46	1767.33
08:43:40	153.61	1793.73
08:44:00	153.61	1844.43
08:44:10	153.61	1869.80
08:44:20	153.46	1896.62
08:44:40	153.61	1951.37
08:44:50	153.61	1977.42
08:45:00	153.77	2002.31
08:45:10	153.61	2026.84
08:45:20	153.77	2050.91
08:45:30	153.92	2074.30
08:45:40	153.77	2096.72
08:45:50	153.92	2118.15
08:46:00	153.92	2138.45
08:46:10	153.92	2157.51
08:46:20	153.92	2175.14
08:46:30	153.92	2191.45
08:46:40	153.92	2206.22
08:46:50	153.92	2219.75
08:47:00	154.07	2232.46
08:47:10	153.92	2243.41
08:47:20	153.92	2252.43
08:47:30	153.92	2259.61
08:47:40	154.07	2265.53
08:47:50	154.07	2270.29
08:48:00	154.07	2274.07
08:48:10	154.07	2277.20
08:48:20	154.07	2279.42
08:48:40	154.07	2282.95
08:49:00	154.22	2285.50
08:49:40	154.07	2288.33
08:50:20	154.07	2289.86
08:51:40	154.07	2291.42
08:52:20	154.22	2292.01
08:53:40	154.22	2292.45
08:53:50	154.22	2293.50
08:54:00	154.07	2288.74
08:54:20	154.07	2291.27
08:54:30	154.07	2290.72
08:54:50	154.07	2291.06
08:55:00	154.22	2291.57
.POOH WITH GAUGES.		
08:55:40	154.07	2292.16
08:55:50	154.22	2288.34
08:56:00	154.07	2284.13
08:56:10	154.07	2278.17
08:56:20	154.07	2271.56
08:56:40	153.92	2257.69
08:56:50	154.07	2250.65
08:57:00	153.92	2243.07
08:57:40	153.77	2208.96
08:57:50	153.77	2204.85
08:58:00	153.77	2209.48
.1ST. GRADIENT STOP @ 1497.1mRKB.		
08:58:10	153.77	2213.72
08:58:20	153.61	2214.65
09:03:40	152.54	2214.97

16- APR84	SDT degF	SDF psia
09:09:00	151.93	2214.99
09:11:40	151.47	2214.93
09:13:00	151.47	2214.92
.POOH		
09:13:40	151.47	2214.92
09:13:50	151.47	2214.92
09:14:00	151.47	2214.52
09:14:10	151.32	2208.64
09:14:20	151.32	2201.34
09:14:30	151.47	2192.72
09:14:50	151.16	2174.57
.2ND. GRADIENT STOP @ 1397.1mRKB.		
09:16:10	151.01	2100.03
09:16:20	151.01	2090.83
09:16:30	151.01	2088.60
09:16:40	151.01	2094.51
09:16:50	150.70	2097.49
09:22:10	149.33	2097.42
09:24:50	149.02	2097.29
09:25:30	148.87	2097.45
09:30:50	148.41	2096.74
.POOH		
09:32:10	148.10	2096.61
09:32:30	148.25	2096.57
09:32:40	148.25	2096.31
09:32:50	148.10	2090.52
09:33:00	147.95	2083.31
09:34:20	147.95	2006.78
09:35:00	147.79	1968.30
09:35:40	147.49	1929.54
09:36:20	147.18	1891.16
09:39:00	145.34	1735.74
09:39:40	144.72	1696.95
09:41:00	143.19	1620.86
09:41:40	142.42	1582.40
09:42:00	142.11	1563.24
09:42:40	141.34	1524.32
09:44:00	139.65	1448.60
09:44:40	138.72	1411.21
09:45:00	138.26	1392.71
09:45:20	137.80	1373.93
09:45:40	137.18	1355.75
09:46:20	136.10	1320.29
09:46:40	135.48	1302.23
09:46:50	135.33	1293.52
09:47:10	134.86	1280.49
09:47:20	134.56	1273.77
09:47:30	134.25	1266.07
09:47:40	133.94	1258.92
09:48:20	132.86	1232.43
09:48:40	132.24	1219.22
09:49:20	131.15	1191.69
09:50:40	128.52	1136.11
09:51:00	127.90	1123.38
09:51:20	127.28	1111.06
09:51:30	126.97	1104.31
09:51:40	126.66	1097.08
09:52:00	125.89	1081.09
09:52:40	123.71	1046.34
09:52:50	122.32	1035.61
09:53:00	120.60	1024.21
09:53:10	119.05	1013.15

16-APR-84	SDT degF	SDP psia
09:53:30	115.93	989.13
09:53:40	114.37	978.34
09:53:50	113.12	967.86
09:54:00	111.56	959.50
09:54:10	110.47	950.55
09:54:20	109.22	941.28
09:54:30	107.96	931.67
09:54:40	106.71	921.01
09:54:50	105.46	909.72
09:55:00	104.20	897.76
09:55:20	101.85	871.57
09:55:30	100.59	859.24
09:55:40	99.49	850.16
09:55:50	98.23	840.06
09:56:00	96.97	833.31
09:56:20	94.77	821.70
09:56:30	93.66	816.04
09:56:50	91.61	806.20
09:57:10	89.56	796.03
09:57:30	87.66	784.89
09:58:10	83.86	761.05
09:58:20	83.07	755.04
09:58:30	82.12	748.62
09:58:40	81.32	741.64
09:58:50	80.53	734.01
.3RD. GRADIENT STOP IN LUBRICATOR.		
09:59:10	78.78	722.81
09:59:20	77.99	716.64
09:59:30	77.19	710.86
09:59:40	76.56	710.01
10:05:00	62.99	712.33
10:07:40	60.27	713.24
10:13:00	57.70	713.84
10:14:20	57.38	713.85
10:15:00	57.22	713.85
10:15:10	57.06	713.78
10:15:30	57.06	708.81
.CLOSE LUB VALVE, BLEED OFF.		
10:16:10	56.90	708.51
10:16:20	56.90	708.48
10:16:30	56.74	706.74
10:16:40	56.74	687.44
10:16:50	56.58	644.14
10:17:00	56.42	603.23
10:17:10	56.42	553.40
10:17:20	56.10	490.42
10:17:30	56.10	440.11
10:17:40	56.10	400.11
10:17:50	55.78	366.23
10:18:00	55.94	334.53
10:18:10	55.62	285.96
10:18:20	55.45	215.89
10:18:30	55.29	162.15
10:18:40	54.97	125.93
10:18:50	54.65	102.45
10:19:00	54.33	88.53
10:19:10	53.85	78.11
10:19:20	53.36	69.43
10:19:30	53.04	64.60
10:19:40	52.72	61.75
10:20:00	52.08	60.27
10:20:40	50.79	59.26

16-APR-84	SDT degF	SDP psia
10:21:20	49.66	57.86
10:21:30	49.34	57.63
10:21:40	49.18	56.95
10:21:50	49.02	53.59
10:22:00	48.69	51.55
10:22:10	48.37	49.84
10:22:30	47.89	48.38
10:22:40	47.73	47.63
10:23:00	47.24	45.32
10:23:20	46.76	41.86
10:23:40	46.44	37.51
10:24:00	45.95	33.66
10:24:20	45.79	30.78
10:24:40	45.47	27.62
10:25:00	44.98	25.83
10:25:40	44.50	23.22
10:25:50	44.34	20.34
10:26:00	44.34	16.61
10:31:20	41.75	16.44
10:32:00	41.59	16.34
10:32:10	41.59	16.17
10:32:20	41.43	15.52
10:33:40	41.27	15.76
10:36:20	40.62	15.25
10:41:40	40.62	15.07
10:44:20	40.78	14.83

.END OF RECORDING.

TECHNICAL DATA

GAUGE

Type : SDP, STRAIN GAUGE
Transducer module : 83060
Recorder module : 83052

OPERATION SET UP

Delay time : 3 HR.
Scanning rate : 10 SEC.
Averaging : 8
Relative values : USED
Compression algorithm : USED
Compression level : 8

CALIBRATION DATA

Before job:

Ambiant pressure : 8.7 PSIA
Ambiant Temperature : 16.77°C

After job:

Ambiant pressure : 14.8 PSIA
Ambiant temperature : 4.88 °C

Date last calibration : 16.03.84