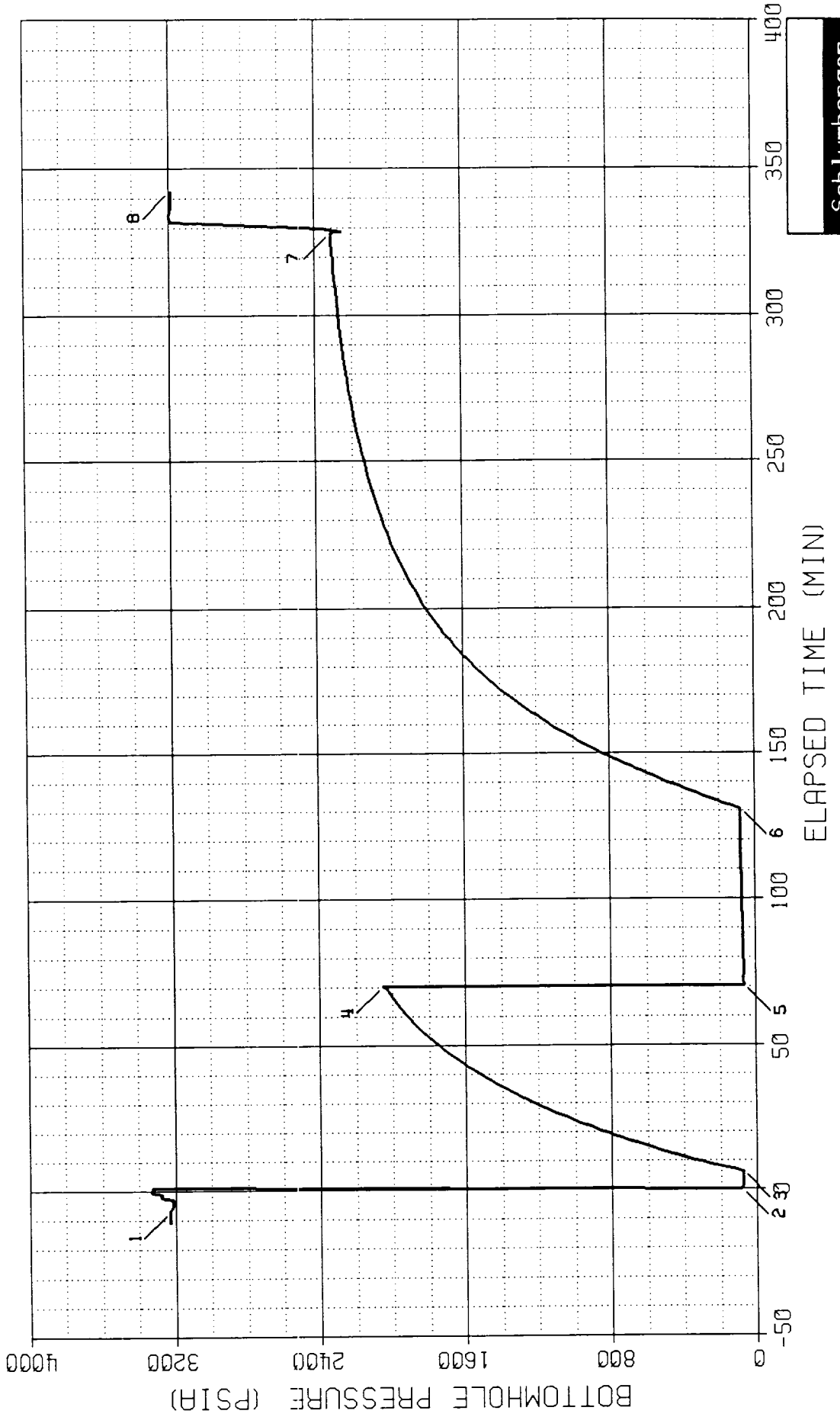


# BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 115532      COMPANY : BHP PETROLEUM INC  
INSTRUMENT NO. J200-402      WELL : SAMEDAN 35 STATE #1  
DEPTH : 6042 FT  
CAPACITY : 4700 PSI  
PORT OPENING : INSIDE

Mechanical Recorder Data



Schlumberger

\*\*\*\*\*  
 \* WELL TEST DATA PRINTOUT \*  
 \*\*\*\*\*

FIELD REPORT # : 115532

COMPANY : BHP PETROLEUM INC  
 WELL : SAMEDAN 35 STATE #1

INSTRUMENT # : J200-402  
 CAPACITY [PSI] : 4700.  
 DEPTH [FT] : 6042.0  
 PORT OPENING : INSIDE  
 TEMPERATURE [DEG F] : 125.0

LABEL POINT INFORMATION  
 \*\*\*\*\*

#	TIME OF DAY HH:MM:SS	DATE DD-MM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA
1	8:02:57	24-FB	HYDROSTATIC MUD	-7.05	3232
2	8:10:00	24-FB	START FLOW	0.00	84
3	8:16:05	24-FB	END FLOW & START SHUT-IN	6.08	75
4	9:20:20	24-FB	END SHUT-IN	70.33	2053
5	9:20:23	24-FB	START FLOW	70.38	65
6	10:20:34	24-FB	END FLOW & START SHUT-IN	130.56	78
7	13:38:19	24-FB	END SHUT-IN	328.32	2312
8	13:52:20	24-FB	HYDROSTATIC MUD	342.34	3191

SUMMARY OF FLOW PERIODS  
 \*\*\*\*\*

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA
1	0.00	6.08	6.08	84	75
2	70.38	130.56	60.18	65	78

SUMMARY OF SHUTIN PERIODS  
 \*\*\*\*\*

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	6.08	70.33	64.25	75	2053	75	6.08
2	130.56	328.32	197.76	78	2312	78	66.26

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
8:10:00	24-FB	0.00	0.00	84
8:15:00	24-FB	5.00	5.00	74
8:16:05	24-FB	6.08	6.08	75

TEST PHASE : SHUTIN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 75  
 PRODUCING TIME [MIN] = 6.08

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
8:16:05	24-FB	6.08	0.00	75	0	
8:17:05	24-FB	7.08	1.00	145	70	0.850
8:18:05	24-FB	8.08	2.00	217	142	0.606
8:19:05	24-FB	9.08	3.00	280	206	0.481
8:20:05	24-FB	10.08	4.00	342	268	0.401
8:21:05	24-FB	11.08	5.00	396	322	0.346
8:22:05	24-FB	12.08	6.00	452	377	0.304
8:23:05	24-FB	13.08	7.00	512	437	0.272
8:24:05	24-FB	14.08	8.00	559	485	0.246
8:25:05	24-FB	15.08	9.00	609	534	0.224
8:26:05	24-FB	16.08	10.00	655	581	0.206
8:28:05	24-FB	18.08	12.00	754	680	0.178
8:30:05	24-FB	20.08	14.00	843	769	0.157
8:32:05	24-FB	22.08	16.00	926	852	0.140
8:34:05	24-FB	24.08	18.00	1008	934	0.126
8:36:05	24-FB	26.08	20.00	1084	1009	0.115
8:38:05	24-FB	28.08	22.00	1163	1088	0.106
8:40:05	24-FB	30.08	24.00	1227	1153	0.098
8:42:05	24-FB	32.08	26.00	1295	1221	0.091
8:44:05	24-FB	34.08	28.00	1354	1280	0.085
8:46:05	24-FB	36.08	30.00	1413	1339	0.080
8:51:05	24-FB	41.08	35.00	1550	1476	0.070
8:56:05	24-FB	46.08	40.00	1666	1592	0.061
9:01:05	24-FB	51.08	45.00	1767	1692	0.055
9:06:05	24-FB	56.08	50.00	1853	1779	0.050
9:11:05	24-FB	61.08	55.00	1930	1855	0.046
9:16:05	24-FB	66.08	60.00	1995	1920	0.042
9:20:20	24-FB	70.33	64.25	2053	1979	0.039

## TEST PHASE : FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
9:20:23	24-FB	70.38	0.00	65
9:25:23	24-FB	75.38	5.00	67
9:30:23	24-FB	80.38	10.00	68
9:35:23	24-FB	85.38	15.00	71
9:40:23	24-FB	90.38	20.00	71
9:45:23	24-FB	95.38	25.00	73
9:50:23	24-FB	100.38	30.00	75
9:55:23	24-FB	105.38	35.00	77
10:00:23	24-FB	110.38	40.00	78
10:05:23	24-FB	115.38	45.00	79
10:10:23	24-FB	120.38	50.00	78
10:15:23	24-FB	125.38	55.00	78
10:20:23	24-FB	130.38	60.00	78
10:20:34	24-FB	130.56	60.18	78

## TEST PHASE : SHUTIN PERIOD # 2

FINAL FLOW PRESSURE [PSIA] = 78  
 PRODUCING TIME [MIN] = 66.26

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
10:20:34	24-FB	130.56	0.00	78	0	
10:21:34	24-FB	131.56	1.00	117	39	1.828
10:22:34	24-FB	132.56	2.00	162	84	1.533
10:23:34	24-FB	133.56	3.00	205	127	1.363
10:24:34	24-FB	134.56	4.00	253	175	1.245
10:25:34	24-FB	135.56	5.00	297	219	1.154
10:26:34	24-FB	136.56	6.00	344	266	1.081
10:27:34	24-FB	137.56	7.00	380	302	1.020
10:28:34	24-FB	138.56	8.00	422	344	0.968
10:29:34	24-FB	139.56	9.00	465	388	0.922
10:30:34	24-FB	140.56	10.00	503	425	0.882
10:32:34	24-FB	142.56	12.00	577	500	0.814
10:34:34	24-FB	144.56	14.00	652	575	0.758
10:36:34	24-FB	146.56	16.00	721	643	0.711
10:38:34	24-FB	148.56	18.00	794	716	0.670
10:40:34	24-FB	150.56	20.00	855	777	0.635
10:42:34	24-FB	152.56	22.00	918	840	0.603
10:44:34	24-FB	154.56	24.00	980	902	0.575
10:46:34	24-FB	156.56	26.00	1034	956	0.550
10:48:34	24-FB	158.56	28.00	1090	1013	0.527
10:50:34	24-FB	160.56	30.00	1137	1059	0.506
10:55:34	24-FB	165.56	35.00	1258	1180	0.461
11:00:34	24-FB	170.56	40.00	1364	1287	0.424
11:05:34	24-FB	175.56	45.00	1458	1380	0.393
11:10:34	24-FB	180.56	50.00	1543	1465	0.366
11:15:34	24-FB	185.56	55.00	1619	1541	0.343

TEST PHASE : SHUTIN PERIOD # 2

FINAL FLOW PRESSURE [PSIA] = 78

PRODUCING TIME [MIN] = 66.26

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
*****	*****	*****	*****	*****	*****	*****
11:20:34	24-FB	190.56	60.00	1688	1611	0.323
11:25:34	24-FB	195.56	65.00	1751	1673	0.305
11:30:34	24-FB	200.56	70.00	1807	1730	0.289
11:35:34	24-FB	205.56	75.00	1855	1778	0.275
11:40:34	24-FB	210.56	80.00	1899	1821	0.262
11:45:34	24-FB	215.56	85.00	1941	1864	0.250
11:50:34	24-FB	220.56	90.00	1977	1900	0.240
11:55:34	24-FB	225.56	95.00	2010	1932	0.230
12:00:34	24-FB	230.56	100.00	2040	1963	0.221
12:05:34	24-FB	235.56	105.00	2069	1991	0.212
12:10:34	24-FB	240.56	110.00	2094	2017	0.205
12:15:34	24-FB	245.56	115.00	2116	2039	0.198
12:20:34	24-FB	250.56	120.00	2137	2060	0.191
12:25:34	24-FB	255.56	125.00	2157	2079	0.185
12:30:34	24-FB	260.56	130.00	2175	2097	0.179
12:35:34	24-FB	265.56	135.00	2191	2113	0.173
12:40:34	24-FB	270.56	140.00	2205	2128	0.168
12:45:34	24-FB	275.56	145.00	2213	2141	0.163
12:50:34	24-FB	280.56	150.00	2231	2154	0.159
12:55:34	24-FB	285.56	155.00	2243	2165	0.155
13:00:34	24-FB	290.56	160.00	2253	2176	0.150
13:05:34	24-FB	295.56	165.00	2263	2185	0.147
13:10:34	24-FB	300.56	170.00	2272	2194	0.143
13:15:34	24-FB	305.56	175.00	2281	2203	0.139
13:20:34	24-FB	310.56	180.00	2289	2211	0.136
13:25:34	24-FB	315.56	185.00	2297	2219	0.133
13:30:34	24-FB	320.56	190.00	2303	2225	0.130
13:35:34	24-FB	325.56	195.00	2308	2231	0.127
13:38:19	24-FB	328.32	197.76	2312	2234	0.125

WELL TEST INTERPRETATION REPORT #:115532 DST 1 CLIENT : BHP PETROLEUM INC.		PAGE: 11, 27-FEB-90
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