AMOCO NUST. Tilana No.1 329120

Data Printed at time 15:12 Date Oct 9 '85
Data Recorded at time 10:45 Date Sep 12 '85

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	RTRNS DEPTH	MW lb/gal IN	MW lb/gal OUT	FLOW/MIN IN	FLOW/MIN OUT	TEMP (C) IN	TEMP (C) OUT	PVT	THIS BIT REVS	THIS BIT m	THIS BIT hrs	COST INST	COST RUN	EST TW	DXC	MX	MXB	ECD	EST FM PR	
59	1045	1373.7	10.9	1.95	1.95	99	28.6	2770	1357.8	9.27	9.11	736	0	34.9	42.5	415	52983	31.2	8.8	412	641	.10	1.36	1.36	1.49	9.14	8.70	D
60	1046	1374.0	21.1	1.96	1.96	98	30.2	2750	1358.1	9.27	9.11	736	0	34.9	42.5	413	53068	31.5	8.8	248	639	.10	1.20	1.20	1.49	9.14	8.70	D
61	1047	1374.3	12.3	2.03	2.03	99	30.0	2760	1358.6	9.30	9.13	736	0	34.7	42.7	413	53211	31.8	8.8	383	639	.10	1.34	1.34	1.49	9.14	8.70	D
62	1048	1374.6	20.1	2.40	2.40	98	23.7	2740	1358.8	9.34	9.17	736	0	34.5	43.2	412	53299	32.1	8.8	259	637	.10	1.20	1.19	1.49	9.15	8.70	D
63	1049	1375.0	13.6	1.97	1.97	98	28.3	2740	1359.0	9.34	9.17	738	0	34.5	43.2	411	53400	32.4	8.9	365	636	.10	1.21	1.21	1.49	9.15	8.70	D
64	1050	1375.3	49.9	1.89	1.89	98	25.6	2750	1359.0	9.34	9.17	738	0	34.5	43.2	412	53441	32.6	8.9	179	635	.10	.93	.93	1.49	9.15	8.70	D
65	1051	1375.6	10.3	1.95	1.95	98	28.1	2750	1359.4	9.33	9.11	738	0	34.3	43.0	412	53571	33.0	8.9	405	633	.10	1.36	1.36	1.49	9.16	8.70	D
66	1052	1375.9	28.0	2.02	1.93	98	27.7	2750	1359.7	9.33	9.11	733	0	34.3	43.0	411	53636	33.3	8.9	219	632	.10	1.09	1.09	1.50	9.16	8.70	D
67	1052	1376.2	24.1	1.94	1.93	98	27.9	2720	1359.9	9.28	9.20	737	0	34.2	43.0	412	53713	33.6	8.9	219	630	.10	1.13	1.13	1.50	9.17	8.70	D
68	1054	1378.0	16.4	1.64	1.83	98	27.3	2720	1360.3	9.28	9.20	735	0	34.2	43.0	421	53718	35.5	8.9	220	615	.10	1.24	1.23	1.50	9.10	8.70	DX
69	1101	1378.6	33.8	1.83	1.90	98	15.2	2750	1361.6	9.29	9.18	731	0	33.9	43.1	413	53764	36.1	8.9	159	613	.10	.89	.89	1.50	9.21	8.70	DT
70	1102	1379.0	70.3	2.08	2.08	100	27.6	2740	1361.7	9.29	9.13	733	0	33.9	43.1	412	53791	36.4	8.9	111	612	.10	.85	.85	1.50	9.21	8.70	D
71	1103	1379.2	11.0	2.15	2.15	102	28.3	2770	1362.1	9.27	9.20	734	0	33.7	43.5	411	53929	36.6	8.9	493	610	.10	1.35	1.35	1.50	9.23	8.70	D
72	1105	1379.5	11.6	2.11	2.12	101	28.7	2740	1362.7	9.27	9.20	735	0	33.7	43.5	410	54085	37.0	9.0	385	609	.10	1.34	1.33	1.50	9.22	8.70	D
73	1105	1379.8	52.3	1.94	1.94	100	28.4	2740	1362.8	9.27	9.22	735	0	33.4	43.4	407	54120	37.3	9.0	333	608	.10	.93	.93	1.50	9.22	8.70	D
74	1106	1380.3	19.3	1.71	1.83	101	27.3	2760	1363.2	9.27	9.22	734	0	33.4	43.4	408	54266	37.5	9.0	320	607	.10	1.13	1.13	1.50	9.25	8.70	D
75	1108	1380.8	20.8	2.02	2.02	100	29.1	2770	1363.3	9.27	9.17	734	0	33.2	43.3	407	54398	38.2	9.0	269	604	.10	1.13	1.13	1.50	9.27	8.70	D
76	1112	1381.1	3.73	1.81	1.81	101	28.6	2720	1363.4	9.43	9.14	736	0	32.7	43.2	403	54813	38.5	9.1	2978	606	.10	1.62	1.62	1.50	9.31	8.70	D
77	1114	1381.4	7.37	1.86	1.86	100	31.1	2720	1363.5	9.56	9.20	736	0	32.3	43.4	405	55056	38.8	9.1	1015	606	.10	1.47	1.47	1.50	9.33	8.70	D
78	1116	1381.7	10.5	1.75	1.70	101	30.3	2710	1364.3	9.56	9.20	737	0	32.3	43.4	402	55240	39.1	9.2	511	606	.10	1.37	1.37	1.50	9.34	8.70	D
79	1117	1382.1	16.8	1.69	1.69	100	29.2	2700	1364.7	9.61	9.16	737	0	32.2	43.3	399	55375	39.4	9.2	692	605	.10	1.23	1.22	1.50	9.36	8.70	D
80	1121	1382.3	4.01	1.83	1.78	100	30.4	2720	1366.0	9.63	9.14	739	0	31.9	43.3	395	55773	39.7	9.2	7434	607	.10	1.62	1.61	1.50	9.39	8.70	D
81	1122	1382.6	17.4	1.89	1.89	101	30.8	2730	1366.3	9.58	9.18	740	0	32.0	43.5	393	55841	90.0	9.3	184	605	.10	1.23	1.23	1.50	9.41	8.70	D
82	1123	1382.9	12.5	1.97	1.97	100	29.6	2700	1366.7	9.58	9.18	738	0	32.0	43.5	394	55983	90.3	9.3	322	604	.10	1.30	1.30	1.50	9.41	8.70	D
83	1127	1383.2	4.85	1.78	1.78	99	29.7	2690	1368.2	9.57	9.23	739	0	32.0	43.5	395	56357	90.6	9.3	969	606	.10	1.55	1.54	1.50	9.43	8.70	D
84	1132	1383.5	3.95	1.79	1.79	100	29.3	2700	1370.1	9.50	9.23	739	0	32.4	43.5	394	56871	90.9	9.4	2553	609	.11	1.59	1.58	1.50	9.48	8.70	D
85	1135	1383.8	6.63	1.63	1.63	101	28.9	2710	1371.0	9.49	9.13	738	0	32.3	43.5	392	57125	91.2	9.5	903	609	.11	1.45	1.44	1.50	9.49	8.70	D
86	1139	1384.1	3.71	1.76	1.76	101	30.5	2710	1372.4	9.45	9.27	738	0	32.1	43.7	391	57584	91.6	9.6	955	611	.11	1.61	1.61	1.50	9.54	8.70	D
87	1145	1384.4	3.51	1.73	1.73	101	29.4	2710	1373.8	9.49	9.23	738	0	32.0	44.1	387	58104	91.9	9.6	1090	614	.11	1.61	1.60	1.50	9.56	8.70	D
88	1154	1384.7	2.03	1.74	1.74	98	28.8	2710	1376.6	9.43	9.22	736	0	32.4	44.0	384	59062	92.1	9.8	3711	621	.11	1.73	1.72	1.51	9.58	8.70	D
89	1203	1385.1	2.41	1.57	1.57	99	29.6	2710	1377.7	9.36	9.28	737	0	33.6	44.0	378	59930	92.5	9.9	2641	625	.11	1.69	1.69	1.51	9.61	8.70	D
90	1211	1385.4	2.10	1.79	1.79	99	30.3	2720	1378.8	9.28	9.27	736	0	33.9	44.4	408	60773	92.8	10.1	3063	632	.11	1.74	1.74	1.51	9.62	8.70	D
91	1221	1385.6	1.58	1.66	1.66	100	30.1	2750	1379.6	9.04	9.28	735	0	30.3	44.4	443	61700	93.1	10.2	3633	633	.12	1.82	1.81	1.51	9.58	8.70	D
92	1225	1385.9	3.24	1.60	1.60	100	30.3	2760	1379.8	8.96	9.24	733	0	29.7	44.4	439	62130	93.4	10.3	1903	640	.12	1.64	1.63	1.51	9.56	8.70	D
93	1231	1386.2	2.82	1.62	1.62	100	32.2	2770	1380.3	8.98	9.27	733	0	30.3	44.7	432	62744	93.7	10.4	1999	644	.12	1.71	1.71	1.51	9.51	8.70	D
94	1241	1386.6	1.93	1.65	1.65	99	31.8	2770	1380.6	8.97	9.25	733	0	31.0	44.6	428	63731	94.0	10.6	3104	650	.12	1.82	1.82	1.51	9.41	8.70	D
95	1247	1386.8	3.35	1.80	1.76	99	32.7	2770	1380.7	8.98	9.25	733	0	30.8	44.5	426	64269	94.3	10.7	1540	653	.12	1.73	1.73	1.51	9.34	8.70	D
96	1254	1387.1	2.47	1.53	1.53	100	30.4	2730	1381.2	9.00	9.23	734	0	31.0	44.8	418	65013	94.6	10.8	1347	653	.12	1.76	1.76	1.51	9.23	8.70	D
97	1312	1387.5	4.19	1.82	1.82	104	27.2	2700	1381.5	8.96	9.23	723	0	32.1	44.8	429	65496	94.8	10.9	1279	660	.12	1.60	1.59	1.52	9.19	8.70	D
98	1319	1387.8	2.84	2.18	2.16	102	30.0	2700	1381.8	8.88	9.20	723	0	30.7	44.6	438	66190	95.2	11.0	3304	663	.13	1.75	1.75	1.52	9.13	8.70	D
99	1325	1388.1	2.75	1.74	1.74	99	29.8	2710	1382.1	8.82	9.21	723	0	28.6	44.3	545	66804	95.5	11.1	1840	667	.13	1.75	1.75	1.52	9.10	8.70	D
00	1329	1388.4	5.07	1.55	1.55	99	30.8	2710	1382.3	8.81	9.19	723	0	28.5	44.1	537	67193	95.8	11.2	1037	668	.13	1.60	1.60	1.52	9.10	8.70	D
01	1338	1388.7	2.00	1.53	1.53	98	30.9	2720	1382.5	8.89	9.21	726	0	29.6	44.1	523	68030	96.1	11.3	1569	673	.13	1.86	1.86	1.52	9.08	8.70	D
02	1341	1389.0	5.95	1.63	1.61	98	29.7	2710	1382.7	8.91	9.19	725	0	29.8	44.1	519	68376	96.4	11.4	392	674	.13	1.55	1.54	1.52	9.08	8.70	D
03	1351	1389.3	1.93	1.72	1.72	98	32.3	2720	1383.1	8.92	9.23	726	0	30.5	44.6	510	69372	96.7	11.5	1313	681	.13	1.91	1.91	1.52	9.05	8.70	D
04	1357	1389.6	3.04	1.79	1.79	98	37.3	2720	1383.2	8.93	9.25	725	0	30.6	44.2	503	69940	97.0	11.6	1643	684	.13	1.87	1.86	1.52	9.03	8.70	D
05	1401	1389.9	4.72	1.84	1.84	99	41.0	2720	1383.4	8.96	9.24	724	0	30.5	44.4	497	70342	97.3	11.7	1557	685	.14	1.78	1.78	1.52	9.03	8.70	D
06	1408	1390.2	2.46	1.85	1.86	98	40.6	2720	1383.7	8.95	9.09	725	0	30.8	45.0	491	71039	97.6	11.8	1575	689	.14	1.97	1.97	1.52	9.01	8.70	D
07	1411	1390.5	4.92	1.83	1.83	98	40.0	2720	1383.9	8.90	9.07	724	0	30.9	44.8	490	71360	98.0	11.9	1336	691	.14	1.76	1.75	1.52	9.01	8.70	D
08	1416	1390.8	3.69	1.83	1.83	98	39.1	2720	1384.2	8.90	9.01	725	0	30.8	44.4	492	71850	98.3	12.0	1113	692	.14	1.83	1.83	1.53	9.01	8.70	D