

F#	TIME	DEPTH m	ROP m/hr	TORQUE		RPM AVG	WOB AVG	PUMP PRES	RTRNS DEPTH	MW lb/gal		FLOW/MIN		TEMP (C)		PVT	—THIS BIT—			—COST—		EST TW	DKC	NX	NKB	ECD	EST	
				AVG	MAX					IN	OUT	IN	OUT	IN	OUT		REVS	m	hrs	INST	RUN						FM	PR
50	0306	442.58	57.8	1.45	2.15	79	6.9	2410	430.81	8.97	8.80	831	0	12.7	16.0	258	3236	24.3	.7	98	314	.34	.61	.60	.92	9.23	8.83	D
51	0306	442.88	35.1	1.32	2.35	81	6.4	2410	431.15	8.96	8.79	831	0	12.7	16.1	258	3273	24.7	.7	124	311	.35	.70	.69	.92	9.23	8.83	D
52	0307	443.18	38.2	1.48	2.35	80	5.9	2420	431.34	8.96	8.79	831	0	12.7	16.1	257	3307	25.0	.7	110	309	.35	.67	.66	.92	9.22	8.83	D
53	0308	443.81	35.8	1.48	2.35	80	6.9	2410	431.86	8.95	8.77	832	0	12.7	16.3	256	3370	25.6	.7	146	304	.35	.70	.70	.92	9.23	8.83	D
54	0308	444.10	36.3	1.42	2.35	80	6.7	2410	432.18	8.96	8.82	831	0	12.7	16.4	257	3407	25.9	.7	122	302	.36	.69	.69	.92	9.22	8.83	D
55	0309	444.40	18.3	1.42	2.35	81	6.6	2410	432.58	8.95	8.90	831	0	12.7	16.5	256	3478	26.2	.7	245	301	.37	.82	.82	.92	9.22	8.83	D
56	0310	444.71	20.3	1.45	2.35	80	5.8	2420	432.98	8.96	8.92	831	0	12.7	16.5	257	3538	26.5	.7	219	300	.37	.78	.78	.92	9.22	8.84	D
57	0310	445.07	64.0	1.21	2.35	80	4.8	2420	433.19	8.96	8.92	831	0	12.7	16.5	256	3565	26.8	.7	108	299	.37	.55	.55	.92	9.22	8.83	D
58	0312	445.36	9.06	1.41	2.35	79	5.8	2420	433.83	8.97	8.83	831	0	12.7	16.5	256	3693	27.1	.8	962	300	.39	.92	.92	.92	9.21	8.84	D
59	0312	445.62	40.0	1.46	2.35	80	8.1	2420	433.98	8.97	8.95	831	0	12.7	16.5	257	3717	27.4	.8	353	298	.39	.70	.70	.92	9.21	8.83	D
60	0312	445.94	80.7	1.32	2.35	81	6.8	2420	434.12	8.97	8.95	831	0	12.7	16.5	256	3735	27.7	.8	84	296	.39	.55	.54	.92	9.21	8.84	D
61	0313	446.24	19.1	1.37	2.35	80	5.3	2420	434.52	8.97	8.98	832	0	12.7	16.5	256	3809	28.0	.8	258	295	.40	.78	.77	.92	9.21	8.84	D
62	0315	446.53	10.7	1.24	2.35	82	5.2	2420	435.29	8.96	8.96	832	0	12.7	16.5	256	3941	28.3	.8	445	296	.41	.88	.88	.92	9.21	8.84	D
63	0316	446.84	23.3	1.37	2.35	81	5.3	2420	435.82	8.95	8.97	833	0	12.7	16.5	255	4006	28.7	.8	230	295	.41	.75	.74	.92	9.20	8.85	D
64	0326	447.16	6.11	1.14	2.35	74	3.5	2410	437.77	8.94	8.92	519	0	12.7	16.4	274	4384	28.9	.9	8831	309	.45	.90	.90	.92	9.15	8.86	D
65	0326	447.62	240	1.05	2.35	75	1.3	2410	437.81	8.94	8.92	608	0	12.7	16.4	272	4392	29.0	.9	855	308	.45	.25	.24	.92	9.15	8.85	D
66	0326	448.06	164	.87	2.35	96	1.8	2420	437.85	8.94	8.92	677	0	12.7	16.4	271	4402	29.7	.9	43	301	.45	.35	.35	.92	9.17	8.86	D
67	0326	448.56	240	.92	2.35	100	1.5	2420	437.88	8.93	9.01	727	0	12.7	16.3	270	4414	30.1	.9	48	297	.45	.29	.29	.92	9.17	8.85	D
68	0327	449.00	56.9	1.08	2.35	98	5.4	2420	437.88	8.93	9.01	795	0	12.7	16.3	267	4453	30.8	.9	73	292	.45	.62	.61	.92	9.19	8.86	D
69	0327	449.29	81.6	1.08	2.35	93	7.7	2420	437.88	8.93	9.01	812	0	12.7	16.3	266	4472	31.1	.9	57	292	.45	.59	.58	.92	9.20	8.85	D
70	0327	449.58	89.9	1.02	2.35	94	6.1	2410	437.88	8.93	9.00	819	0	12.7	16.1	266	4489	31.3	.9	70	289	.45	.55	.54	.92	9.20	8.85	D
71	0328	449.90	19.8	1.09	2.35	96	5.3	2410	437.90	8.93	9.00	830	0	12.7	15.9	264	4577	31.7	1.0	228	287	.46	.80	.80	.92	9.21	8.86	D
72	0329	450.23	47.4	.97	2.35	96	7.1	2410	437.94	8.93	9.00	831	0	12.7	15.9	261	4615	32.0	1.0	128	286	.46	.69	.68	.92	9.21	8.85	D
73	0329	450.58	44.6	.94	2.35	98	4.3	2420	438.37	8.92	9.00	831	0	12.7	15.9	261	4657	32.3	1.0	171	284	.47	.64	.63	.92	9.21	8.86	D
74	0330	450.80	11.3	.90	2.35	99	4.0	2420	439.94	8.93	8.92	832	0	12.8	16.0	259	4759	32.6	1.0	303	284	.48	.87	.86	.92	9.19	8.86	D
75	0330	451.10	40.1	1.14	2.35	97	4.2	2420	440.30	8.93	8.92	833	0	12.8	16.0	259	4803	32.9	1.0	137	283	.49	.65	.65	.92	9.18	8.86	D
76	0331	451.43	129	1.01	1.16	95	6.0	2410	440.43	8.91	8.91	832	0	12.7	16.1	259	4817	33.2	1.0	45	280	.49	.48	.47	.92	9.18	8.86	D
77	0331	451.78	24.2	1.02	2.35	96	5.3	2420	441.10	8.91	8.91	832	0	12.7	16.1	258	4901	33.5	1.0	196	280	.50	.77	.76	.92	9.18	8.87	D
78	0333	452.07	15.3	1.02	2.35	98	5.8	2420	441.74	8.95	8.79	834	0	12.7	16.3	258	5003	33.8	1.0	401	280	.51	.87	.86	.92	9.17	8.87	D
79	0333	452.42	44.6	1.05	2.35	96	7.4	2420	441.99	8.93	8.95	833	0	12.8	16.6	259	5045	34.1	1.0	115	279	.51	.71	.69	.92	9.17	8.87	D
80	0334	452.98	42.6	.99	2.35	96	5.8	2420	442.47	8.94	8.99	833	0	12.7	16.6	259	5112	34.7	1.0	132	276	.52	.68	.67	.92	9.17	8.87	D
81	0334	453.24	27.2	1.31	2.35	92	6.7	2410	442.84	8.94	8.99	833	0	12.7	16.6	258	5161	35.0	1.1	185	275	.52	.78	.77	.92	9.17	8.88	D
82	0335	453.59	24.1	1.30	2.35	90	5.4	2420	443.31	8.93	9.01	833	0	12.7	16.6	258	5233	35.4	1.1	209	274	.53	.76	.75	.92	9.16	8.88	D
83	0336	453.85	15.9	1.54	2.35	89	6.8	2420	443.74	8.95	9.03	833	0	12.7	16.6	258	5311	35.7	1.1	278	274	.54	.88	.87	.92	9.16	8.89	D
84	0336	454.18	37.4	1.53	2.35	88	6.6	2420	443.97	8.95	9.10	833	0	12.7	16.7	258	5357	36.0	1.1	150	273	.54	.71	.70	.92	9.16	8.88	D
85	0337	454.50	31.1	1.59	2.35	89	6.8	2410	444.24	8.93	9.14	833	0	12.7	16.6	258	5410	36.2	1.1	126	272	.55	.75	.74	.92	9.16	8.89	D
86	0338	455.08	42.1	1.52	2.35	90	6.0	2420	444.50	8.93	9.14	833	0	12.7	16.6	256	5470	36.8	1.1	83	269	.55	.68	.67	.92	9.16	8.89	D
87	0339	455.37	16.2	1.24	2.35	90	5.4	2420	444.71	8.93	9.14	833	0	12.7	16.6	257	5552	37.1	1.1	242	269	.56	.84	.83	.92	9.17	8.89	D
88	0344	455.74	10.0	.04	.04	90	4.8	2230	445.71	8.94	8.96	311	0	12.7	16.6	271	5667	37.5	1.1	489	269	.57	.91	.90	.92	9.13	8.89	D
89	0344	456.32	64.9	.94	.94	90	5.0	2420	445.76	8.97	8.91	499	0	12.7	16.6	269	5670	38.0	1.1	489	266	.57	.62	.61	.92	9.14	8.89	D
90	0344	457.82	422	.95	.95	99	3.7	2420	445.79	8.97	8.91	586	0	12.7	16.6	265	5689	39.6	1.1	11	256	.57	.25	.23	.92	9.14	8.89	D
91	0344	458.20	65.0	1.17	1.17	96	6.6	2420	445.86	8.97	8.91	711	0	12.7	16.6	264	5723	39.9	1.2	93	255	.58	.62	.61	.93	9.18	8.89	D
92	0345	458.42	53.7	1.64	1.64	87	7.8	2410	445.91	8.97	8.91	766	0	12.7	16.6	260	5745	40.2	1.2	67	253	.58	.66	.65	.93	9.19	8.89	D
93	0345	458.75	68.2	1.64	1.64	87	7.9	2410	445.99	8.96	8.95	804	0	12.8	16.4	259	5769	40.5	1.2	93	253	.58	.61	.60	.93	9.19	8.89	D
94	0346	459.07	28.1	1.52	1.52	87	8.1	2410	446.17	8.96	8.95	827	0	12.8	16.4	254	5830	40.8	1.2	179	251	.58	.79	.78	.93	9.20	8.89	D
95	0346	459.34	84.0	1.60	1.60	88	8.7	2410	446.21	8.97	8.97	829	0	12.8	16.3	253	5846	41.1	1.2	150	251	.59	.59	.57	.93	9.20	8.89	D
96	0347	459.66	15.6	1.67	1.67	95	6.0	2420	446.35	8.96	9.01	831	0	12.8	16.2	249	5964	41.4	1.2	309	250	.60	.87	.86	.93	9.20	8.89	D
97	0348	459.95	14.0	1.34	1.34	98	3.6	2410	446.35	8.95	9.01	833	0	12.8	16.1	247	6062	41.7	1.2	530	252	.61	.81	.80	.93	9.21	8.90	D
98	0349	460.36	21.8	1.44	1.44	98	6.3	2410																				