

F#	TIME	DEPTH	ROP	TORQUE		RPM	WOB	PUMP	RTRNS	MW lb/gal		FLOW/MIN		TEMP (C)		PVT	—THIS BIT—			—COST—		EST	DXC	NX	NXB	ECD	EST	
				AVG	MAX					IN	OUT	IN	OUT	IN	OUT		REVS	m	hrs	INST	RUN						TW	RM
469	0917	566.65	58.3	2.11	2.11	95	10.8	2420	541.96	8.83	8.90	822	0	12.2	16.2	242	18510	148	3.6	123	153	1.56	.70	.66	.95	9.26	8.70	D
470	0918	566.94	61.2	1.82	1.82	95	12.2	2420	542.24	8.82	8.83	822	0	12.2	16.3	242	18534	149	3.6	57	153	1.57	.71	.67	.95	9.26	8.70	D
471	0918	567.24	114	1.94	1.94	95	12.1	2420	542.45	8.82	8.83	822	0	12.2	16.3	241	18548	149	3.6	78	153	1.57	.58	.54	.95	9.26	8.70	D
474	0922	568.57	59.8	1.84	2.08	106	12.4	2450	544.77	8.81	8.66	828	0	12.2	16.7	261	18606	150	3.6	102	152	1.57	.71	.67	.95	9.23	8.70	D
476	0923	569.68	58.3	1.93	1.93	100	12.4	2450	545.53	8.88	8.52	828	0	12.1	17.5	256	18674	151	3.6	102	151	1.57	.63	.60	.95	9.25	8.70	D
477	0923	570.00	61.1	2.00	2.00	101	13.6	2450	545.82	8.88	8.52	815	0	12.1	17.5	255	18704	152	3.6	80	151	1.58	.74	.70	.95	9.25	8.70	D
478	0924	570.35	57.3	2.06	2.06	104	12.2	2460	546.21	8.88	8.52	822	0	12.1	17.5	255	18740	152	3.6	94	151	1.58	.74	.70	.95	9.25	8.70	D
479	0924	570.91	77.8	2.71	2.71	103	14.4	2450	546.69	8.84	8.48	826	0	12.2	17.2	252	18780	153	3.6	87	150	1.58	.70	.66	.95	9.25	8.70	D
480	0924	571.21	67.4	1.88	1.88	102	16.1	2460	546.98	8.84	8.48	827	0	12.2	17.2	252	18805	153	3.6	58	150	1.58	.75	.71	.95	9.25	8.70	D
481	0924	571.52	70.3	2.29	2.29	103	13.2	2450	547.28	8.84	8.48	828	0	12.2	17.2	252	18831	153	3.6	71	150	1.58	.71	.67	.95	9.25	8.70	D
482	0925	571.87	81.0	1.92	1.92	102	12.7	2460	547.57	8.84	8.48	828	0	12.2	17.2	250	18854	154	3.6	59	150	1.59	.67	.63	.95	9.25	8.70	D
483	0925	572.17	63.2	2.58	2.58	104	14.0	2450	547.86	8.84	8.48	828	0	12.2	17.2	249	18879	154	3.6	73	150	1.59	.74	.70	.96	9.25	8.70	D
484	0925	572.46	94.8	2.15	2.15	102	14.2	2460	547.96	8.84	8.63	828	0	12.2	16.7	249	18897	154	3.6	55	150	1.59	.65	.61	.95	9.25	8.70	D
485	0925	572.72	61.3	2.24	2.24	103	15.4	2460	548.02	8.84	8.63	828	0	12.2	16.7	248	18920	155	3.6	63	149	1.59	.77	.72	.96	9.26	8.70	D
486	0926	573.03	52.4	1.67	1.67	102	14.4	2440	548.17	8.84	8.63	828	0	12.2	16.7	249	18956	155	3.6	97	149	1.60	.79	.74	.96	9.26	8.70	D
487	0926	573.37	77.3	2.71	2.71	103	14.5	2460	548.27	8.84	8.63	828	0	12.2	16.7	248	18982	155	3.7	72	149	1.60	.70	.66	.96	9.26	8.70	D
488	0926	573.69	72.1	2.41	2.41	102	13.2	2470	548.46	8.83	8.81	828	0	12.2	16.3	244	19008	155	3.7	70	149	1.60	.70	.66	.96	9.27	8.70	D
489	0926	574.01	58.5	2.35	2.35	103	14.7	2470	548.68	8.83	8.81	828	0	12.2	16.3	247	19039	156	3.7	79	149	1.60	.77	.72	.96	9.27	8.70	D
490	0927	574.27	93.6	2.80	2.80	104	15.3	2460	548.83	8.83	8.81	829	0	12.2	16.3	247	19054	156	3.7	93	149	1.60	.67	.63	.96	9.27	8.70	D
491	0927	574.57	79.0	1.99	1.99	103	12.9	2460	548.98	8.83	8.81	829	0	12.2	16.3	245	19075	156	3.7	51	148	1.60	.68	.64	.96	9.27	8.70	D
492	0927	574.86	61.2	2.80	2.80	102	13.4	2460	549.31	8.83	8.90	829	0	12.2	16.3	247	19102	157	3.7	69	148	1.61	.74	.70	.96	9.27	8.70	D
493	0927	575.18	57.7	2.24	2.24	103	10.9	2460	549.85	8.83	8.90	829	0	12.2	16.3	245	19137	157	3.7	92	148	1.61	.72	.68	.96	9.27	8.70	D
494	0928	575.47	67.7	2.34	2.34	103	11.7	2460	550.13	8.83	8.90	829	0	12.2	16.3	244	19161	157	3.7	100	148	1.61	.70	.66	.96	9.27	8.70	D
495	0928	575.79	43.6	2.61	2.61	104	12.6	2460	550.80	8.83	8.90	829	0	12.2	16.3	243	19204	158	3.7	112	148	1.62	.81	.76	.96	9.26	8.70	D
496	0928	576.09	64.8	2.17	2.17	103	11.9	2460	551.15	8.83	8.90	829	0	12.2	16.5	244	19226	158	3.7	53	148	1.62	.71	.67	.96	9.26	8.70	D
497	0929	576.38	67.7	2.65	2.65	103	13.5	2470	551.41	8.83	8.90	829	0	12.2	16.5	243	19250	158	3.7	72	148	1.62	.72	.68	.96	9.26	8.70	D
498	0929	576.70	39.5	2.60	2.60	103	13.8	2420	551.84	8.83	8.90	829	0	12.2	16.5	243	19291	158	3.7	103	147	1.62	.84	.80	.96	9.26	8.70	D
499	0939	577.15	67.7	2.42	2.82	103	13.8	2430	557.11	8.85	8.57	826	0	12.1	16.6	272	19612	159	3.8	118	150	1.64	.72	.68	.96	9.15	8.70	DX
500	0939	577.74	64.9	1.96	2.16	103	13.8	2450	557.19	8.84	8.62	826	0	12.2	16.6	271	19612	160	3.8	118	150	1.64	.71	.67	.96	9.15	8.70	D
503	0941	579.30	73.2	1.07	1.07	107	14.4	2450	557.94	8.84	8.62	811	0	12.2	16.6	260	19701	161	3.8	80	148	1.64	.69	.65	.96	9.20	8.70	D
504	0941	579.84	66.3	1.28	1.28	101	12.1	2440	558.34	8.84	8.85	823	0	12.2	16.2	260	19747	162	3.8	103	148	1.64	.71	.66	.96	9.21	8.70	D
505	0941	580.37	76.6	1.25	1.25	98	15.5	2440	558.62	8.84	8.85	825	0	12.2	16.2	257	19783	162	3.8	68	148	1.65	.71	.67	.96	9.21	8.70	D
506	0942	580.72	51.6	2.47	2.47	97	13.1	2430	558.98	8.84	8.85	825	0	12.2	16.2	256	19821	162	3.8	110	148	1.65	.77	.72	.96	9.21	8.70	D
507	0942	581.27	64.9	2.29	2.29	95	15.0	2430	559.07	8.87	8.87	824	0	12.3	16.0	252	19864	163	3.8	81	147	1.65	.74	.69	.96	9.22	8.70	D
508	0942	581.57	78.8	1.97	1.97	97	16.6	2440	559.07	8.87	8.87	824	0	12.3	16.0	252	19885	163	3.8	86	147	1.66	.71	.67	.96	9.22	8.70	D
509	0943	581.92	59.2	2.33	2.33	96	15.4	2440	559.07	8.87	8.87	824	0	12.3	16.0	251	19917	164	3.8	95	147	1.66	.76	.72	.96	9.22	8.70	D
510	0943	582.21	79.0	1.61	1.61	96	13.9	2440	559.07	8.86	8.92	824	0	12.2	16.0	249	19936	164	3.8	50	147	1.66	.68	.64	.96	9.23	8.70	D
511	0943	582.48	46.8	1.90	1.90	96	15.4	2450	559.07	8.86	8.92	825	0	12.2	16.0	251	19965	164	3.8	96	147	1.66	.81	.77	.96	9.23	8.70	D
512	0943	582.79	77.5	2.38	2.38	95	14.0	2450	559.07	8.86	8.92	825	0	12.2	16.0	249	19984	165	3.9	64	147	1.66	.68	.64	.96	9.24	8.70	D
513	0944	583.15	38.8	2.19	2.19	96	14.6	2440	559.40	8.85	8.89	825	0	12.2	16.1	249	20033	165	3.9	127	147	1.67	.84	.80	.96	9.24	8.70	D
514	0944	583.41	75.7	1.72	1.72	97	13.5	2450	559.88	8.85	8.89	825	0	12.2	16.1	247	20053	165	3.9	68	147	1.67	.69	.64	.96	9.24	8.70	D
515	0945	583.71	33.7	1.79	1.79	95	14.9	2440	560.69	8.85	8.89	825	0	12.2	16.1	247	20093	165	3.9	134	147	1.67	.88	.83	.96	9.24	8.70	D
516	0945	584.00	70.2	1.85	1.85	96	12.7	2440	561.01	8.85	8.89	825	0	12.2	16.1	247	20112	166	3.9	85	146	1.67	.69	.65	.96	9.23	8.70	D
517	0945	584.35	63.2	1.89	1.89	95	13.8	2440	561.50	8.85	8.89	825	0	12.2	16.1	244	20136	166	3.9	72	146	1.67	.73	.68	.96	9.22	8.70	D
518	0945	584.64	49.9	2.13	2.13	96	12.0	2440	561.99	8.84	8.80	825	0	12.2	16.3	248	20166	166	3.9	108	146	1.68	.75	.71	.96	9.22	8.70	D
519	0946	584.93	70.2	2.19	2.19	97	13.8	2450	562.35	8.84	8.80	825	0	12.2	16.3	244	20189	167	3.9	59	146	1.68	.71	.66	.96	9.22	8.70	D
520	0946	585.26	50.2	2.35	2.35	97	15.0	2440	562.83	8.84	8.80	825	0	12.2	16.3	247	20226	167	3.9	91	146	1.68	.80	.75	.96	9.22	8.70	D
521	0946	585.52	61.8	1																								