* BIT # 10 + UR   SMITH DSG   BIT DIAMETER : 17.50 inch   WOZZ 10/18/19

MUD RHEOLOGICAL PARAMETERS : PV = 22   YP = 45   GEL = 15

466384

TIME	MEASURED	VERTCL	LAGGED	ROP	WOB	RPM	TORQ	PRESS	FLOW IN	PIT VOL	DENSITY IN	DENSITY OUT	TEMP IN	TEMP OUT	RESIST IN	RESIST OUT	GAS DCS unit	DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST
Hr:mn	feet	feet	feet	ft/h	klbs	rpm	ftlb	psi	gpm	bbls	ppg	ppg	degF	degF	ohmm	ohmm	unit		ppg	ppg	ppg	feet	DHr	$	
D 7:51	2865.4	2862.8	2740.0	218.7	.0	0	0	2174	795	362	8.7	8.7	83.7	90.1	.97	.97	4	.34	.96	8.6	8.7	12.9	799.6	7.63	61
D 7:57	2866.2	2862.8	2743.0	218.7	-1/2	85	800	2227	795	370	8.7	8.7	83.6	89.2	.97	.98	8	.34	.96	8.6	8.7	12.9	799.6	7.63	61
D 7:58	2869.5	2866.9	2743.0	556.8	1.3	83	900	2227	800	384	8.7	8.7	83.7	89.1	.97	.98	8	.18	.96	8.6	8.7	12.9	803.8	7.64	61
D 7:59	2872.4	2869.8	2744.0	538.2	.7	83	800	2227	795	382	8.7	8.7	83.8	89.6	.97	.97	8	.18	.96	8.6	8.7	12.9	806.6	7.65	61
D 7:59	2875.0	2871.3	2744.0	397.7	.9	80	900	2231	795	376	8.7	8.7	83.8	89.7	.97	.97	7	.23	.96	8.6	8.7	12.9	808.1	7.65	61
D 8: 1	2878.1	2875.0	2744.0	792.8	.7	76	800	2227	790	360	8.7	8.7	83.8	89.8	.97	.97	7	.00	.96	8.6	8.7	12.9	811.9	7.68	61
D 8: 1	2881.1	2878.5	2744.0	435.7	.3	82	800	2227	795	360	8.7	8.7	83.7	90.1	.97	.97	7	.17	.96	8.6	8.7	12.9	815.3	7.68	60
D 8: 2	2884.9	2882.1	2744.0	548.7	-.8	82	700	2231	795	358	8.7	8.7	83.7	89.6	.97	.97	5	-.00	.96	8.6	8.7	12.9	818.9	7.69	60
D 8: 2	2887.3	2883.9	2744.0	492.7	.5	79	800	2222	795	360	8.7	8.7	83.8	89.8	.97	.97	5	.19	.96	8.6	8.7	12.9	820.8	7.70	60
D 8: 3	2890.1	2887.5	2744.0	303.3	1.1	83	900	2222	790	360	8.7	8.7	83.6	89.6	.98	.97	5	.27	.96	8.6	8.7	12.9	824.4	7.71	60
D 8: 3	2893.3	2890.8	2744.0	314.4	1.3	77	900	2222	795	360	8.7	8.7	83.3	89.6	.98	.97	5	.25	.96	8.6	8.7	12.9	827.6	7.72	60
D 8: 4	2896.1	2893.5	2744.0	469.1	2.1	78	900	2218	795	366	8.7	8.9	82.9	89.8	.99	.90	5	.23	.96	8.6	8.7	12.9	830.4	7.74	60
D 8:15	2899.0	2895.8	2765.0	103.3	5.0	78	900	2250	800	412	8.7	8.7	80.4	89.0	1.02	.98	9	.40	.96	8.6	8.7	12.9	833.3	7.76	59
D 8:17	2902.2	2899.5	2768.0	75.4	1.9	80	900	2267	800	406	8.7	8.7	80.3	89.6	1.02	.98	7	.49	.96	8.6	8.7	12.9	836.4	7.79	59
D 9:46	2905.2	2901.5	2904.0	135.4	-1/4	80	800	2222	790	524	8.7	8.7	82.6	89.9	1.01	.98	5	.42	.96	8.6	8.7	12.9	838.4	7.82	59
D 9:47	2911.5	2907.0	2904.0	325.5	.2	77	900	2213	795	526	8.9	9.0	82.7	90.2	1.01	.98	4	.00	.96	8.6	8.9	12.9	843.8	7.83	59
D 9:48	2914.6	2911.5	2904.0	266.0	1.5	78	900	2218	795	524	8.9	9.0	82.8	90.2	1.01	.98	4	.28	.96	8.6	8.9	12.9	848.3	7.84	59
D 9:49	2917.3	2914.1	2904.0	167.0	.6	79	1000	2218	790	526	8.9	9.0	82.8	89.9	1.01	.99	4	.35	.96	8.6	8.9	12.9	850.9	7.85	59
D 9:49	2920.1	2917.5	2904.0	141.1	1.1	82	900	2222	795	526	8.9	9.0	82.9	90.0	1.01	.98	4	.38	.96	8.6	8.9	12.9	854.4	7.86	58
D 9:51	2923.3	2920.7	2904.0	301.5	3.5	79	900	2213	800	528	8.9	9.0	82.8	89.7	1.01	.98	4	.30	.96	8.6	8.9	12.9	857.5	7.89	58
D 9:57	2926.1	2922.5	2904.0	117.0	-1/2	79	900	2147	794	554	8.9	9.0	83.2	89.2	1.01	1.00	7	.44	.96	8.6	8.9	12.9	859.4	7.91	58
D 9:59	2929.0	2925.5	2904.0	73.0	.9	81	1000	2138	775	532	8.9	9.0	83.2	88.8	1.01	.99	7	.00	.96	8.6	8.9	12.9	862.4	7.94	58
D 10: 0	2932.0	2928.6	2904.0	155.5	1.5	78	900	2138	770	528	8.9	9.0	83.1	88.9	1.01	1.00	5	.39	.96	8.6	8.9	12.9	865.5	7.95	58
D 10: 2	2935.4	2932.9	2904.0	240.9	1.3	78	1000	2138	776	530	8.9	9.0	83.1	89.2	1.01	.99	4	.30	.96	8.6	8.9	12.9	869.7	7.98	58
D 10: 3	2938.2	2935.6	2904.0	292.8	1.5	78	1200	2129	775	528	8.9	9.0	83.1	89.3	1.01	.98	4	.27	.96	8.6	8.9	12.9	872.5	8.00	58
D 10: 4	2941.1	2938.5	2904.0	188.2	-1/4	78	800	2138	775	530	8.9	9.0	83.1	89.3	1.01	.98	5	-.00	.96	8.6	8.9	12.9	875.3	8.01	58
D 10: 5	2944.1	2940.6	2904.0	103.7	.7	79	800	2143	775	532	8.9	9.0	83.0	89.3	1.01	.99	4	.37	.96	8.6	8.9	12.9	877.4	8.03	58
D 10: 7	2947.1	2944.5	2904.0	167.9	1.8	81	800	2138	770	528	8.9	9.0	83.0	89.3	1.01	.98	5	.37	.96	8.6	8.9	12.9	881.3	8.05	57
D 10: 8	2950.5	2947.6	2904.0	297.8	1.6	82	900	2138	775	528	8.9	9.0	83.0	89.6	1.01	.99	5	.29	.96	8.6	8.9	12.9	884.4	8.07	57
D 10: 8	2953.5	2950.9	2904.0	367.7	1.1	76	1000	2143	770	526	8.9	9.0	83.0	89.3	1.01	.99	5	.24	.96	8.6	8.9	12.9	887.7	8.08	57
D 10:12	2956.1	2953.3	2904.0	397.2	.3	83	800	2138	776	528	8.9	9.0	82.8	89.8	1.01	.99	4	.22	.96	8.6	8.9	12.9	892.0	8.09	57
D 10:18	2959.5	2956.1	2904.0	132.3	.7	84	800	2182	780	538	8.9	9.0	82.8	88.9	1.01	1.00	7	-.00	.96	8.6	8.9	12.9	892.9	8.10	57
D 10:19	2962.0	2959.4	2904.0	65.1	.7	86	800	2170	785	536	8.9	9.0	82.7	89.1	1.02	1.00	7	.44	.96	8.6	8.9	12.9	896.3	8.11	57
D 10:20	2965.8	2962.4	2904.0	914.3	-.8	86	800	2182	785	532	8.9	9.0	82.8	88.9	1.02	1.00	5	.12	.96	8.6	8.9	12.9	899.2	8.12	57
D 10:20	2968.3	2964.5	2904.0	354.2	.7	89	800	2170	782	532	8.9	9.0	82.7	89.3	1.02	1.00	5	.23	.96	8.6	8.9	12.9	901.3	8.13	56
D 10:21	2971.1	2967.8	2904.0	190.9	.9	82	800	2182	790	532	8.9	9.0	82.7	89.3	1.02	1.00	5	.29	.96	8.6	8.9	12.9	904.7	8.15	56
D 10:22	2975.0	2971.0	2904.0	458.2	-.1	82	800	2182	785	526	8.9	9.0	82.7	89.0	1.02	.99	5	.22	.96	8.6	8.9	12.9	907.8	8.16	56
D 10:22	2977.6	2973.6	2904.0	223.9	-.1	82	800	2170	780	528	8.9	9.0	82.6	89.3	1.02	.99	4	.22	.96	8.6	8.9	12.9	910.4	8.17	56
D 10:23	2981.3	2976.9	2904.0	761.0	-.9	82	900	2170	784	532	8.9	9.0	82.7	88.7	1.02	1.00	5	-.00	.96	8.6	8.9	12.9	913.7	8.17	56
D 10:23	2983.4	2980.8	2904.0	923.2	2.6	82	800	2182	775	532	8.9	9.0	82.7	89.1	1.02	1.00	4	.12	.96	8.6	8.9	13.0	917.7	8.18	56
D 10:24	2986.4	2983.8	2904.0	642.7	2.0	80	900	2170	781	528	8.9	9.0	82.6	89.3	1.02	1.00	5	.17	.96	8.6	8.9	13.0	920.6	8.19	55
D 10:32	2989.2	2986.5	2904.0	128.1	1.1	81	1000	2174	783	542	8.9	9.0	82.6	89.0	1.02	1.00	5	.34	.97	8.6	8.9	13.0	923.3	8.21	55
D 10:33	2992.1	2988.5	2904.0	133.8	.1	78	800	2174	785	534	8.9	9.0	82.4	89.4	1.02	1.00	5	.37	.97	8.6	8.9	13.0	925.3	8.23	55
D 10:34	2995.2	2992.6	2904.0	177.1	.1	77	1000	2174	780	532	8.9	9.0	82.6	89.3	1.02	1.00	5	.32	.97	8.6	8.9	13.0	929.5	8.25	55
D 10:36	2998.1	2994.6	2904.0	128.8	3.8	75	1100	2165	780	526	8.9	9.0	82.4	89.3	1.02	.99	4	.36	.97	8.6	8.9	13.0	931.4	8.27	55
D 10:39	3001.3	2998.7	2904.0	64.2	1.8	82	800	2169	780	528	8.9	9.0	82.4	89.0	1.03	.99	4	.47	.97	8.6	8.9	13.0	935.6	8.32	55
D 10:40	3004.4	3001.4	2904.0	226.6	.7	81	900	2169	785	530	8.9	9.0	82.5	89.9	1.03	.99	4	.28	.97	8.6	8.9	13.0	938.3	8.34	55
D 10:41	3007.2	3004.7	2904.0	130.9	.1	82	800	2174	780	532	8.9	9.0	82.5	89.7	1.03	.99	5	.31	.97	8.6	8.9	13.0	941.5	8.35	55
D 10:42	3010.0	3007.4	2904.0	72.7	.5	81	800	2169	785	532	8.9	9.0	82.5	89.7	1.02	.99	4	.36	.97	8.6	8.9	13.0	944.3	8.38	55

VALUES CROSS-OUT
WOB 0→1 klbs