

\* BIT # 24 SMITH F3 BIT DIAMETER : 8.50 inch NOZZ 13/13/13

MUD RHEOLOGICAL PARAMETERS : PV = 20 YP = 10 GEL = 6

TIME	MEASURED	DEPTH			ROP			WOB			DRILLING PARAMETERS			MUD PARAMETERS			GAS			OVERPRESSURE SURVEY			ACCUMULATED ON BIT		
		VERTCL	LAGGED	FEET	FT/H	KLBS	RPM	TORQ	PRESS	FLOW	PIT	DENSITY	TEMPERATURE	RESISTIVITY	IN	OUT	IN	OUT	DCS	NORM	PF	ECD	FRAC	FEET	TIME
Hr:mn	feet	feet	feet	ft/h	klbs	rpm	ftlb	psi	gpm	bbls	ppg	degF	ohm	unit	ppg	ppg	ppg	ppg	ppg	ppg	ppg	ppg	feet	Dhr	\$
D * 23:23	* 9271.2	9261.0	9235.0	* 21.5	* 26.5	73	3100	1229	326	* 514	* 9.1	9.1	86.6	101.1	.98	.97	* 6	* 1.47	1.96	* 9.6	9.2	16.4	* 231.0	7.53	233
D * 23:25	* 9272.4	9262.3	9236.0	* 33.1	* 27.7	71	3200	1229	325	* 512	* 9.1	9.2	86.6	101.5	.98	.97	* 6	* 1.35	1.97	* 9.6	9.2	16.4	* 232.3	7.56	232
D * 23:26	* 9273.1	9263.0	9236.0	* 25.3	* 28.0	73	3100	1234	325	* 510	* 9.1	9.2	86.6	101.2	.98	.97	* 6	* 1.42	1.97	* 9.6	9.2	16.4	* 233.0	7.59	232
D * 23:30	* 9274.6	9264.5	9240.0	* 23.0	* 29.9	73	3100	1229	329	* 508	* 9.1	9.2	86.7	102.1	.98	.97	* 6	* 1.47	1.97	* 8.8	9.2	16.2	* 234.5	7.65	231
D * 23:32	* 9275.4	9265.3	9240.0	* 33.7	* 29.4	72	3100	1238	325	* 508	* 9.1	9.2	86.7	102.2	.98	.98	* 6	* 1.34	1.97	* 8.8	9.2	16.2	* 235.3	7.68	231
D * 23:33	* 9276.1	9266.0	9241.0	* 25.7	* 29.4	74	3200	1243	325	* 506	* 9.1	9.2	86.7	102.2	.98	.98	* 6	* 1.43	1.97	* 8.8	9.2	16.2	* 236.0	7.70	231
D * 23:37	* 9277.4	9267.3	9243.0	* 19.6	* 29.6	71	3100	1238	325	* 504	* 9.1	9.2	86.8	102.5	.97	.98	* 6	* 1.53	1.97	* 8.8	9.2	16.2	* 237.3	7.77	230
D * 23:38	* 9278.0	9267.3	9243.0	* 19.6	* 28.6	72	3200	1243	325	* 504	* 9.1	9.2	86.8	102.6	.97	.97	* 6	* 1.53	1.97	* 8.8	9.2	16.2	* 237.3	7.77	230
D * 23:40	* 9279.4	9269.3	9244.0	* 32.3	* 28.6	74	3100	1238	325	* 502	* 9.1	9.2	86.8	102.6	.98	.98	* 6	* 1.35	1.97	* 8.8	9.2	16.2	* 239.3	7.82	229
D * 23:42	* 9280.4	9270.3	9246.0	* 27.7	* 28.2	74	3000	1234	329	* 500	* 9.1	9.2	86.9	101.9	.97	.99	* 6	* 1.40	1.97	* 8.8	9.2	16.2	* 240.3	7.86	229
D * 23:44	* 9281.1	9271.0	9246.0	* 41.3	* 26.8	71	3000	1238	325	* 502	* 9.1	9.2	86.9	101.9	.97	.99	* 6	* 1.27	1.97	* 8.8	9.2	16.2	* 241.0	7.87	228
D * 23:47	* 9283.1	9273.0	9248.0	* 55.2	* 29.1	71	3000	1243	325	* 502	* 9.1	9.2	87.0	102.0	.97	.99	* 6	* .51	1.97	* 8.8	9.2	16.2	* 243.0	7.92	227
D * 23:49	* 9284.3	9274.2	9249.0	* 31.8	* 29.3	73	3100	1238	325	* 500	* 9.1	9.2	87.0	102.3	.97	.99	* 6	* 1.36	1.97	* 8.8	9.2	16.2	* 244.2	7.96	227
D * 23:51	* 9285.2	9275.1	9251.0	* 29.5	* 28.5	73	3100	1243	325	* 502	* 9.1	9.2	87.1	102.0	.97	.99	* 6	* 1.37	1.97	* 8.8	9.2	16.2	* 245.1	7.99	226
D * 23:53	* 9286.2	9276.1	9252.0	* 28.6	* 27.4	71	3000	1238	325	* 498	* 9.1	9.2	87.1	102.1	.98	1.00	* 6	* 1.37	1.97	* 8.8	9.2	16.2	* 246.1	8.03	226
D * 23:55	* 9287.0	9276.1	9252.0	* 28.6	* 25.2	74	3000	1238	325	* 496	* 9.1	9.3	87.1	102.7	.98	.98	* 6	* 1.37	1.97	* 8.8	9.2	16.2	* 246.1	8.06	226
D * 23:56	* 9288.0	9277.9	9253.0	* 44.0	* 28.2	72	3100	1234	325	* 496	* 9.1	9.2	87.1	102.9	.98	.98	* 6	* 1.25	1.97	* 8.8	9.2	16.2	* 247.9	8.08	225
D * 0:0	* 9289.1	9279.0	9255.0	* 16.7	* 27.9	74	3200	1220	325	* 494	* 9.1	9.2	87.2	103.0	.98	.98	* 6	* 1.54	1.97	* 8.8	9.2	16.2	* 249.0	8.15	225
D * 0:0	* 9290.1	9280.0	9255.0	* 54.8	* 28.9	74	3200	1215	325	* 494	* 9.1	9.2	87.2	102.9	.98	.98	* 6	* .53	1.97	* 8.8	9.2	16.2	* 250.0	8.15	224
D * 0:4	* 9291.2	9281.1	9258.0	* 16.3	* 29.3	25	500	1215	325	* 492	* 9.2	9.2	87.3	101.0	.98	1.00	* 6	* 1.55	1.97	* 8.8	9.3	16.2	* 251.1	8.21	224
D * 0:4	* 9292.2	9281.1	9258.0	* 16.3	* 29.3	25	500	1234	325	* 492	* 9.2	9.2	87.3	101.1	.98	.99	* 6	* 1.55	1.97	* 8.8	9.3	16.2	* 251.1	8.21	224
D * 0:13	* 9293.1	9283.0	9261.0	* 33.7	* 32.6	72	2600	1168	316	* 490	* 9.2	9.2	87.2	102.1	.98	.98	* 7	* 1.27	1.97	* 8.8	9.2	16.2	* 253.0	8.24	223
D * 0:15	* 9294.2	9284.1	9261.0	* 26.5	* 30.3	74	3000	1252	329	* 486	* 9.2	9.2	87.0	102.3	.98	.98	* 7	* 1.42	1.97	* 8.8	9.2	16.2	* 254.1	8.28	222
D * 0:17	* 9295.5	9285.5	9261.0	* 51.5	* 28.9	71	3000	1252	329	* 488	* 9.2	9.2	87.2	102.0	.98	1.00	* 6	* 1.20	1.97	* 8.8	9.3	16.2	* 255.5	8.30	222
D * 0:18	* 9296.3	9286.2	9261.0	* 29.2	* 28.0	71	3000	1257	329	* 478	* 9.2	9.2	87.0	102.1	.98	1.01	* 6	* 1.35	1.97	* 8.8	9.2	16.2	* 256.2	8.33	221
D * 0:20	* 9297.3	9287.2	9261.0	* 35.9	* 26.4	73	3100	1252	329	* 476	* 9.2	9.2	87.3	103.0	.98	.99	* 7	* 1.28	1.97	* 8.8	9.2	16.2	* 257.2	8.36	221
D * 0:22	* 9298.6	9287.2	9262.0	* 35.9	* 25.9	72	3100	1262	329	* 474	* 9.2	9.1	87.3	103.2	.98	.99	* 6	* 1.28	1.97	* 8.8	9.2	16.2	* 257.2	8.40	221
D * 0:23	* 9299.2	9289.1	9262.0	* 50.5	* 26.8	73	3000	1267	329	* 472	* 9.2	9.2	87.3	103.3	.98	.99	* 6	* 1.19	1.97	* 8.8	9.2	16.2	* 259.1	8.41	220
D * 0:25	* 9300.4	9290.3	9263.0	* 30.8	* 31.4	74	3000	1271	329	* 470	* 9.2	9.2	87.6	103.4	.98	.98	* 6	* 1.38	1.97	* 8.8	9.3	16.2	* 260.3	8.45	219
D * 0:28	* 9301.4	9291.3	9264.0	* 26.6	* 25.6	73	3100	1262	329	* 468	* 9.2	9.1	87.5	103.0	.98	1.00	* 7	* 1.39	1.97	* 8.8	9.2	16.2	* 261.3	8.49	219
D * 0:30	* 9302.4	9292.3	9266.0	* 33.9	* 29.5	72	3000	1276	334	* 468	* 9.2	9.2	87.5	103.4	.98	.98	* 7	* 1.31	1.97	* 8.8	9.3	16.2	* 262.3	8.52	219
D * 0:32	* 9303.2	9293.1	9267.0	* 21.3	* 30.0	72	3200	1267	334	* 468	* 9.2	9.2	87.6	103.2	.98	.98	* 7	* 1.46	1.97	* 8.8	9.2	16.2	* 263.1	8.55	219
D * 0:33	* 9304.3	9294.2	9267.0	* 56.9	* 27.7	72	3100	1267	329	* 466	* 9.2	9.2	87.6	103.0	.98	.99	* 7	* 1.17	1.97	* 8.8	9.3	16.2	* 264.2	8.57	218
D * 0:35	* 9305.2	9294.2	9268.0	* 56.9	* 26.5	74	3100	1262	329	* 466	* 9.2	9.2	87.7	103.2	.98	1.00	* 7	* 1.17	1.97	* 8.8	9.3	16.2	* 264.2	8.61	218
D * 0:37	* 9306.0	9296.0	9268.0	* 39.2	* 29.3	73	3100	1271	329	* 464	* 9.2	9.2	87.7	102.6	.98	1.00	* 6	* 1.28	1.97	* 8.8	9.3	16.2	* 266.0	8.64	217
D * 0:38	* 9307.1	9297.0	9270.0	* 47.5	* 29.3	73	3100	1262	329	* 464	* 9.2	9.2	87.8	102.7	.98	.99	* 7	* 1.24	1.97	* 8.8	9.3	16.2	* 267.0	8.66	217
D * 0:42	* 9308.0	9297.9	9271.0	* 13.3	* 29.9	72	3100	1262	329	* 460	* 9.2	9.2	87.8	102.8	.98	.97	* 7	* 1.61	1.97	* 8.8	9.3	16.2	* 267.9	8.73	217
D * 0:43	* 9309.1	9299.0	9272.0	* 196.8	* 29.3	72	3100	1262	329	* 460	* 9.2	9.2	87.8	102.9	.98	.98	* 6	* .82	1.97	* 8.8	9.3	16.2	* 269.0	8.74	216
D * 0:45	* 9310.1	9300.0	9273.0	* 22.2	* 27.9	71	3100	1257	329	* 458	* 9.2	9.2	87.8	103.5	.98	.98	* 6	* 1.45	1.97	* 8.8	9.3	16.2	* 270.0	8.78	216
D * 0:47	* 9311.0	9300.9	9273.0	* 36.3	* 26.7	73	3100	1262	329	* 458	* 9.2	9.2	87.8	103.4	.98	.98	* 6	* 1.30	1.97	* 8.8	9.3	16.2	* 270.9	8.81	216
D * 0:50	* 9312.3	9302.2	9274.0	* 22.2	* 27.2	72	3100	1267	334	* 458	* 9.2	9.3	87.9	103.3	.98	.99	* 6	* 1.43	1.97	* 8.8	9.3	16.2	* 272.2	8.86	215
D * 0:52	* 9313.5	9303.4	9276.0	* 42.1	* 26.5	74	3000	1257	329	* 458	* 9.2	9.3	87.9	103.4	.98	1.00	* 6	* 1.22	1.97	* 8.8	9.3	16.2	* 273.4	8.89	215
D * 0:53	* 9314.0	9303.9	9276.0	* 38.6	* 30.8	71	3000	1257	329	* 458	* 9.2	9.2	87.9	103.2	.98	.98	* 6	* 1.25	1.97	* 8.8	9.3	16.2	* 273.9	8.91	215
D * 0:56	* 9315.1	9305.0	9277.0	* 23.1	* 29.8	73	3100	1252	329	* 456	* 9.2	9.2	88.0	103.4	.98	.99	* 6	* 1.43	1.97	* 8.8	9.3	16.2	* 275.0	8.95	214
D * 1:2	* 9316.0	9306.0	9282.0	* 9.3	* 29.4	71	3100	1252	329	* 452	* 9.2	9.2	88.2	103.4	.98	1.00	* 7	* 1.72	1.97	* 10.3	9.3	16.7	* 276.0	9.06	215
D * 1:6	* 9317.1	9307.0	9283.0	* 16.4	* 29.5	71	3000	1257	325	* 450	* 9.2	9.2	88.3	103.9	.98	.99	* 7	* 1.54	1.97	* 8.8	9.3	16.2	* 277.0	9.12	215
D * 1:8	* 9318.1	9308.1	9285.0	* 31.9	* 29.8	74	3000	1257	329	* 448	* 9.2	9.3	88.3	104.0	.98	.99	* 7	* 1.35	1.97	* 8.8	9.3	16.2	* 278.1	9.15	215
D * 1:11	* 9319.0	9308.9	9286.0	* 15.5	* 31.3	73	3000	1262	325	* 444	* 9.2	9.2	88.4	103.4	.98	1.00	* 7								