

* ON-LINE TBC

* BIT # 24 SMITH F3 BIT DIAMETER : 0.50 inch NOZZ 13/13/13

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

* TIME	* MEASURED	* DEPTHS			* DRILLING PARAMETERS				* MUD PARAMETERS				* GAS				* OVERPRESSURE SURVEY				* ACCUMULATED ON BIT				
		* VERTCL	* LAGGED	* * * *	* ROP	* WOB	* RPM	* TORQ	* PRESS	* FLOW	* PIT	* DENSITY	* TEMPERATURE		* RESISTIVITY		* GCS	* NORM	* PF	* ECD	* FRAC	* FEET	* TIME	* COST	
		* feet	* feet	* feet	* ft/h	* klbs	* rpm	* ftlb	* psi	* gpm	* bbls	* IN	* OUT	* IN	* OUT	* IN	* OUT	* unit	* ppg	* ppg	* ppg	* feet	* Dhr	* \$	
D * 5:32	* 9433.2	9423.1	9402.0	* 20.2	* 32.5	74	3100	1240	329	* 530	* 9.2	9.3	83.4	100.3	.99	1.01	* 6	* 1.51	1.99	* 0.0	9.3	16.3	* 393.1	13.07	180
D * 5:33	* 9434.0	9423.9	9402.0	* 30.2	* 31.9	74	3100	1240	329	* 530	* 9.2	9.3	83.4	100.1	.99	1.01	* 6	* 1.39	1.99	* 0.0	9.3	16.3	* 393.9	13.10	188
D * 5:37	* 9435.4	9425.3	9404.0	* 25.5	* 29.6	74	3100	1243	325	* 536	* 9.2	9.4	83.7	100.2	.99	1.01	* 6	* 1.42	1.99	* 0.0	9.3	16.3	* 395.3	13.15	188
D * 5:38	* 9436.2	9425.3	9404.0	* 25.5	* 29.2	80	3200	1243	329	* 534	* 9.2	9.4	83.7	100.2	.99	1.02	* 7	* 1.42	1.99	* 0.0	9.3	16.3	* 395.3	13.18	188
D * 5:41	* 9437.2	9427.1	9405.0	* 22.7	* 31.0	75	3100	1243	334	* 534	* 9.2	9.4	83.0	100.6	.99	1.01	* 6	* 1.45	1.99	* 0.0	9.3	16.3	* 397.1	13.22	188
D * 5:43	* 9438.2	9428.1	9407.0	* 27.9	* 30.9	76	3100	1240	329	* 532	* 9.2	9.3	84.0	100.4	.99	1.01	* 6	* 1.40	1.99	* 0.0	9.3	16.3	* 398.1	13.26	188
D * 5:45	* 9439.3	9428.1	9408.0	* 27.9	* 30.0	76	3200	1252	334	* 530	* 9.2	9.4	84.1	100.2	.99	1.00	* 6	* 1.40	1.99	* 0.0	9.3	16.3	* 398.1	13.30	188
D * 5:47	* 9440.0	9429.2	9408.0	* 28.3	* 32.3	74	3200	1252	329	* 530	* 9.2	9.4	84.1	101.2	.99	1.00	* 6	* 1.42	1.99	* 0.0	9.3	16.3	* 399.2	13.32	187
D * 5:49	* 9441.3	9429.9	9409.0	* 32.5	* 32.0	76	3100	1252	329	* 530	* 9.2	9.4	84.3	101.3	.99	1.01	* 6	* 1.39	1.99	* 0.0	9.3	16.3	* 399.9	13.36	187
D * 5:51	* 9442.3	9432.3	9410.0	* 30.5	* 32.0	74	3100	1252	329	* 528	* 9.3	9.4	84.4	101.7	.99	1.00	* 7	* 1.41	1.99	* 0.0	9.3	16.3	* 402.3	13.40	187
D * 5:54	* 9443.1	9433.0	9411.0	* 13.6	* 30.0	75	3200	1252	329	* 528	* 9.3	9.4	84.5	100.0	.99	1.01	* 7	* 1.62	1.99	* 0.0	9.3	16.3	* 403.0	13.45	187
D * 5:55	* 9444.1	9434.0	9411.0	* 27.1	* 29.0	74	3200	1252	329	* 528	* 9.2	9.4	84.5	100.9	.99	1.01	* 7	* .71	1.99	* 0.0	9.3	16.3	* 404.0	13.45	187
D * 5:57	* 9445.3	9435.2	9413.0	* 35.5	* 32.0	74	3100	1252	329	* 526	* 9.3	9.4	84.4	100.0	.99	1.01	* 6	* 1.33	1.99	* 0.0	9.3	16.3	* 405.2	13.49	186
D * 5:59	* 9446.2	9436.2	9415.0	* 28.7	* 32.6	74	3100	1257	334	* 524	* 9.2	9.4	84.6	100.0	.99	1.02	* 7	* 1.41	1.99	* 0.0	9.3	16.3	* 406.2	13.52	186
D * 6: 1	* 9447.2	9436.2	9415.0	* 28.7	* 33.0	77	3100	1257	329	* 526	* 9.3	9.4	84.8	101.1	.99	1.01	* 7	* 1.41	1.99	* 0.0	9.3	16.3	* 406.2	13.57	186
D * 6: 3	* 9448.2	9438.1	9416.0	* 30.0	* 35.0	74	3200	1257	329	* 526	* 9.2	9.4	84.6	101.3	.99	1.01	* 6	* 1.36	1.99	* 0.0	9.3	16.3	* 408.1	13.59	186
D * 6: 6	* 9449.4	9439.3	9418.0	* 25.5	* 33.6	75	3200	1257	329	* 526	* 9.2	9.4	85.0	101.7	.99	1.01	* 6	* 1.46	1.99	* 0.0	9.3	16.3	* 409.3	13.64	186
D * 6: 7	* 9450.1	9440.0	9418.0	* 39.1	* 32.0	70	3200	1262	334	* 526	* 9.3	9.4	85.0	102.0	.99	1.01	* 6	* 1.34	1.99	* 0.0	9.3	16.3	* 410.0	13.66	186
D * 6: 9	* 9451.1	9441.0	9418.0	* 23.0	* 32.4	74	3200	1262	329	* 524	* 9.2	9.4	85.2	101.0	.99	1.01	* 7	* 1.49	1.99	* 0.0	9.3	16.3	* 411.0	13.70	186
D * 6:13	* 9452.1	9442.0	9420.0	* 18.5	* 33.6	76	3100	1267	334	* 522	* 9.2	9.4	85.3	101.1	.99	1.01	* 7	* 1.54	1.99	* 0.0	9.3	16.3	* 412.0	13.75	186
D * 6:18	* 9453.4	9442.0	9423.0	* 18.5	* 33.2	74	3200	1271	329	* 520	* 9.3	9.4	85.5	101.7	.99	1.00	* 6	* 1.54	1.99	* 0.0	9.3	16.3	* 412.0	13.85	186
D * 6:20	* 9454.3	9444.2	9423.0	* 29.0	* 32.2	75	3200	1271	325	* 520	* 9.2	9.4	85.5	100.0	.99	1.02	* 6	* 1.42	1.99	* 0.0	9.3	16.3	* 414.2	13.88	186
D * 6:28	* 9455.1	9444.2	9425.0	* 29.0	* 28.2	77	1700	1271	325	* 534	* 9.3	9.4	85.7	100.4	.99	1.01	* 7	* 1.42	1.99	* 0.0	9.3	16.3	* 414.2	13.91	186
D * 6:29	* 9456.1	9446.0	9425.0	* 195.4	* 37.3	78	2000	1281	334	* 532	* 9.3	9.4	85.7	100.0	1.00	1.01	* 7	* .87	1.99	* 0.0	9.3	16.3	* 416.0	13.91	185
D * 6:32	* 9457.4	9446.0	9425.0	* 195.4	* 30.3	78	2000	1295	329	* 520	* 9.3	9.3	85.8	99.6	.99	1.04	* 7	* .87	1.99	* 0.0	9.3	16.3	* 416.0	13.96	185
D * 6:33	* 9458.3	9448.2	9425.0	* 33.1	* 32.2	81	2000	1342	334	* 516	* 9.3	9.3	85.7	100.4	1.00	1.01	* 7	* 1.37	1.99	* 0.0	9.3	16.3	* 418.2	13.99	185
D * 6:35	* 9459.0	9448.9	9425.0	* 40.4	* 33.6	78	1900	1337	334	* 514	* 9.3	9.3	85.0	100.4	1.00	1.02	* 7	* 1.32	1.99	* 0.0	9.3	16.3	* 418.9	14.01	185
D * 6:37	* 9460.2	9450.1	9426.0	* 31.4	* 33.0	79	2400	1313	334	* 508	* 9.2	9.4	85.7	101.1	1.00	1.00	* 7	* 1.40	1.99	* 0.0	9.3	16.3	* 420.1	14.05	185
D * 6:39	* 9461.3	9451.2	9428.0	* 29.0	* 31.6	78	3200	1290	329	* 506	* 9.3	9.3	85.7	101.2	1.00	1.01	* 7	* 1.40	2.00	* 0.0	9.3	16.3	* 421.2	14.09	184
D * 6:41	* 9462.3	9452.2	9429.0	* 27.9	* 34.7	79	3300	1276	329	* 506	* 9.3	9.4	85.5	101.7	1.00	1.00	* 6	* 1.42	2.00	* 0.0	9.3	16.3	* 422.2	14.12	184
D * 6:45	* 9463.0	9452.2	9431.0	* 27.9	* 30.5	78	3200	1285	329	* 504	* 9.3	9.3	85.5	101.4	1.00	1.02	* 7	* 1.42	2.00	* 0.0	9.4	16.3	* 422.2	14.18	184
D * 6:45	* 9464.1	9454.0	9431.0	* 310.1	* 32.0	80	3300	1281	329	* 504	* 9.3	9.3	85.7	101.3	1.00	1.02	* 7	* .71	2.00	* 0.0	9.3	16.3	* 424.0	14.18	184
D * 6:47	* 9465.1	9455.1	9432.0	* 22.0	* 33.1	79	3200	1281	329	* 502	* 9.3	9.3	80.9	101.9	1.00	1.01	* 7	* 1.40	2.00	* 0.0	9.3	16.3	* 425.1	14.22	184
D * 6:50	* 9466.2	9456.2	9433.0	* 24.7	* 35.5	78	3300	1285	329	* 502	* 9.3	9.4	84.9	101.6	1.00	1.01	* 7	* 1.47	2.00	* 0.0	9.3	16.3	* 426.2	14.27	184
D * 6:52	* 9467.1	9457.0	9434.0	* 26.5	* 31.5	77	3300	1281	325	* 498	* 9.3	9.4	85.9	101.7	1.00	1.02	* 7	* 1.44	2.00	* 0.0	9.4	16.3	* 427.0	14.30	184
D * 6:55	* 9468.4	9458.1	9435.0	* 22.1	* 33.5	78	3400	1281	334	* 490	* 9.3	9.4	86.1	101.0	.99	1.02	* 6	* 1.49	2.00	* 0.0	9.3	16.3	* 428.1	14.35	184
D * 7: 1	* 9469.1	9459.0	9437.0	* 0.7	* 33.0	77	3200	1313	329	* 494	* 9.3	9.4	86.1	102.1	1.00	1.01	* 7	* 1.70	2.00	* 10.0	9.4	16.6	* 429.0	14.45	184
D * 7: 6	* 9470.1	9460.0	9441.0	* 11.4	* 36.3	78	3300	1310	329	* 488	* 9.3	9.3	86.3	102.5	1.00	1.01	* 6	* 1.69	2.00	* 0.0	9.3	16.3	* 430.0	14.54	184
D * 7: 8	* 9471.3	9460.0	9441.0	* 11.4	* 31.6	78	3300	605	329	* 484	* 9.3	9.3	86.4	102.1	1.00	1.01	* 7	* 1.69	2.00	* 0.0	9.3	16.3	* 430.0	14.57	184
D * 7:10	* 9472.2	9462.1	9442.0	* 27.0	* 30.7	77	3300	1160	329	* 480	* 9.3	9.4	86.4	102.0	1.01	1.02	* 7	* 1.43	2.00	* 0.0	9.4	16.3	* 432.1	14.60	184
D * 7:13	* 9473.0	9462.1	9443.0	* 27.0	* 29.0	80	2500	1332	325	* 470	* 9.2	9.4	86.4	102.6	1.01	1.01	* 6	* 1.43	2.00	* 0.0	9.3	16.3	* 432.1	14.64	184
D * 7:20	* 9474.0	9463.9	9445.0	* 18.6	* 15.0	70	1600	844	186	* 482	* 9.3	9.4	86.4	101.9	1.01	1.02	* 6	* 1.37	2.00	* 0.0	9.3	16.3	* 433.9	14.70	184
D * 7:22	* 9475.2	9465.1	9446.0	* 39.2	* 30.0	78	1900	1332	326	* 480	* 9.3	9.4	85.5	101.7	1.01	1.02	* 7	* 1.20	2.00	* 0.0	9.3	16.3	* 435.1	14.73	184
D * 7:23	* 9476.1	9466.0	9446.0	* 38.9	* 35.3	78	2000	1370	334	* 476	* 9.3	9.4	86.3	101.7	1.01	1.02	* 7	* 1.32	2.00	* 0.0	9.3	16.3	* 436.0	14.75	184
D * 7:25	* 9477.2	9467.1	9447.0	* 20.0	* 31.5	78	1900	1374	338	* 470	* 9.3	9.4	86.4	102.1	1.01	1.01	* 6	* 1.40	2.00	* 0.0	9.4	16.3	* 437.1	14.79	184
D * 7:28	* 9478.0	9468.0	9449.0	* 18.5	* 33.7	78	2000	1360	334	* 464	* 9.3	9.4	86.5	102.3	1.01	1.02	* 6	* 1.57	2.00	* 0.0	9.3	16.3	* 438.0	14.83	184
D * 7:30	* 9479.2	9469.1	9450.0	* 42.6	* 35.1	80	2000	1351	334	* 464	* 9.3	9.4	86.6	102.1	1.01	1.02	* 6	* 1.31	2.00	* 0.0	9.4	16.3	* 439.1	14.86	183
D * 7:32	* 9480.2	9469.1																							