

* BIT # 22 SMITH F3 BIT DIAMETER : 12.25 inch NOZZ 16/16/16

MUD RHEOLOGICAL PARAMETERS : PV = 13 YP = 15 GEL = 4

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	DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST				
Hr:mn	feet	feet	feet	ft/h	kibs	rpm	ftlb	psi	gpm	IN	OUT	IN	OUT	IN	OUT	IN	OUT	ppg	ppg	ppg	feet	Dhr	\$		
D * 9:12	* 8436.6	8433.5	8395.0	* 84.6	* 120.0	85	2900	1895	521	* 436	* 9.3	9.3	61.9	81.6	.87	.75	* 7	* 1.40	1.51	* 9.4	9.4	16.0	* 1.3	.01	22861
D * 9:14	* 8437.2	8433.5	8395.0	* 84.6	* 120.0	84	2800	1890	525	* 434	* 9.3	9.3	61.8	83.5	.87	.77	* 7	* 1.40	1.51	* 9.4	9.4	16.0	* 1.3	.03	22861
D * 9:17	* 8438.5	8435.5	8396.0	* 29.7	* 72.9	85	2800	1890	525	* 432	* 9.3	9.3	61.8	86.0	.87	.79	* 7	* 1.79	1.51	* 10.2	9.4	16.2	* 3.3	.07	9209
D * 9:18	* 8439.0	8436.0	8396.0	* 19.7	* 71.1	84	2900	1895	521	* 430	* 9.3	9.3	61.8	87.9	.87	.80	* 7	* 1.92	1.51	* 10.2	9.4	16.2	* 3.0	.10	8048
D * 9:20	* 8440.2	8437.2	8396.0	* 38.2	* 72.9	84	3000	1895	525	* 428	* 9.3	9.3	61.9	87.4	.87	.81	* 7	* 1.70	1.51	* 10.2	9.4	16.2	* 5.0	.13	6203
D * 9:23	* 8441.1	8430.1	8398.0	* 20.2	* 70.2	84	3000	1900	525	* 426	* 9.3	9.3	62.4	90.4	.86	.84	* 7	* 1.91	1.51	* 10.2	9.3	16.2	* 5.9	.17	5283
D * 9:24	* 8442.1	8439.1	8400.0	* 32.9	* 73.3	84	2800	1900	525	* 426	* 9.1	9.3	62.7	89.0	.86	.85	* 7	* 1.77	1.51	* 10.2	9.2	16.2	* 4.9	.21	4496
D * 9:28	* 8443.2	8440.2	8402.0	* 28.2	* 27.9	82	2700	1914	525	* 442	* 9.3	9.3	63.0	90.2	.87	.86	* 7	* 1.87	1.51	* 10.2	9.3	16.2	* 8.0	.26	3913
D * 9:29	* 8444.0	8441.0	8402.0	* 41.6	* 21.7	86	2900	1914	521	* 440	* 9.2	9.3	63.3	90.6	.87	.86	* 7	* 1.23	1.51	* 10.6	9.3	16.3	* 8.0	.27	3558
D * 9:32	* 8445.1	8441.0	8405.0	* 41.6	* 23.4	82	2900	1900	518	* 436	* 9.3	9.4	64.4	90.5	.86	.87	* 7	* 1.23	1.51	* 10.6	9.4	16.3	* 8.0	.33	3556
D * 9:35	* 8446.6	8443.6	8407.0	* 38.6	* 21.0	84	3000	1820	521	* 436	* 9.3	9.3	65.3	90.1	.87	.88	* 7	* 1.19	1.51	* 10.2	9.3	16.2	* 11.4	.37	2793
D * 9:36	* 8447.1	8444.1	8407.0	* 16.0	* 22.0	91	2900	1872	525	* 434	* 9.2	9.3	65.0	90.1	.86	.88	* 7	* 1.37	1.51	* 9.6	9.3	16.0	* 11.9	.40	2689
D * 9:37	* 8448.0	8445.0	8408.0	* 108.4	* 22.1	84	2900	1872	525	* 434	* 9.3	9.4	65.9	90.4	.86	.87	* 7	* .94	1.51	* 10.2	9.3	16.2	* 12.0	.41	2488
D * 9:39	* 8449.1	8446.1	8408.0	* 29.6	* 27.2	85	3100	1862	519	* 434	* 9.3	9.4	66.5	90.6	.86	.87	* 7	* 1.20	1.51	* 10.3	9.3	16.2	* 13.9	.45	2301
D * 9:41	* 8450.4	8447.4	8410.0	* 44.3	* 25.5	86	3000	1876	517	* 434	* 9.3	9.4	67.0	91.1	.87	.87	* 7	* 1.20	1.51	* 10.2	9.4	16.2	* 15.2	.47	2116
D * 9:41	* 8451.1	8447.4	8410.0	* 44.3	* 25.9	82	3000	1867	521	* 432	* 9.3	9.4	67.1	91.2	.86	.87	* 7	* 1.20	1.51	* 10.2	9.3	16.2	* 15.2	.48	2116
D * 9:43	* 8452.0	8449.0	8412.0	* 30.0	* 25.0	85	3000	1881	517	* 430	* 9.3	9.4	67.7	91.4	.86	.87	* 7	* 1.31	1.51	* 10.0	9.3	16.1	* 16.0	.52	1919
D * 9:46	* 8453.0	8450.0	8412.0	* 23.4	* 21.7	84	3300	1886	521	* 428	* 9.3	9.4	68.3	91.5	.86	.88	* 7	* 1.34	1.51	* 9.8	9.4	16.1	* 17.8	.56	1821
D * 9:47	* 8454.3	8451.3	8414.0	* 65.8	* 23.5	85	3000	1886	525	* 426	* 9.3	9.4	68.7	91.4	.87	.88	* 7	* 1.06	1.51	* 10.2	9.3	16.2	* 19.1	.58	1701
D * 9:49	* 8455.4	8451.3	8414.0	* 65.8	* 23.1	86	2900	1872	521	* 422	* 9.3	9.4	69.0	91.6	.87	.88	* 7	* 1.06	1.51	* 10.2	9.3	16.2	* 19.1	.60	1701
D * 9:50	* 8456.1	8453.1	8415.0	* 26.2	* 26.9	88	3000	1886	517	* 424	* 9.3	9.4	69.3	91.8	.86	.88	* 7	* 1.32	1.51	* 10.0	9.4	16.1	* 20.9	.63	1566
D * 10: 4	* 8457.2	8454.2	8420.0	* 8.7	* 34.0	81	3300	1937	521	* 426	* 9.3	9.4	71.7	90.6	.87	.90	* 7	* 1.60	1.51	* 10.2	9.4	16.2	* 22.0	.75	1509
D * 10: 5	* 8458.1	8455.1	8420.0	* 37.0	* 30.0	78	3200	1937	530	* 420	* 9.3	9.4	71.9	90.8	.88	.90	* 7	* 1.26	1.51	* 10.4	9.4	16.2	* 22.9	.78	1449
D * 10: 7	* 8459.2	8456.2	8422.0	* 41.2	* 28.0	81	3200	1933	530	* 418	* 9.3	9.5	72.1	91.6	.88	.89	* 7	* 1.22	1.51	* 10.7	9.4	16.3	* 24.0	.80	1391
D * 10: 9	* 8460.3	8457.3	8422.0	* 35.8	* 25.1	82	3000	1933	526	* 416	* 9.3	9.4	72.3	92.1	.88	.90	* 7	* 1.22	1.51	* 10.7	9.4	16.3	* 25.1	.83	1332
D * 10:10	* 8461.5	8458.5	8425.0	* 56.4	* 28.7	83	3200	1942	525	* 412	* 9.3	9.4	72.5	92.1	.87	.89	* 7	* 1.12	1.51	* 10.2	9.4	16.2	* 26.3	.85	1274
D * 10:11	* 8462.0	8458.5	8425.0	* 56.4	* 26.0	79	3100	1909	525	* 410	* 9.3	9.4	72.6	92.4	.88	.90	* 7	* 1.12	1.51	* 10.2	9.4	16.2	* 26.3	.87	1274
D * 10:12	* 8463.7	8460.7	8425.0	* 79.4	* 34.0	81	3200	1937	521	* 408	* 9.3	9.4	72.8	93.0	.88	.90	* 7	* 1.05	1.51	* 10.2	9.4	16.2	* 28.5	.89	1181
D * 10:14	* 8464.2	8461.2	8425.0	* 16.6	* 30.7	81	3200	1937	525	* 408	* 9.3	9.4	73.1	93.2	.88	.89	* 7	* 1.52	1.51	* 10.2	9.4	16.2	* 29.0	.92	1165
D * 10:15	* 8465.1	8462.1	8425.0	* 100.9	* 31.7	81	3000	1942	530	* 408	* 9.3	9.4	73.2	93.5	.88	.89	* 7	* 1.02	1.51	* 10.2	9.4	16.2	* 29.9	.93	1131
D * 10:16	* 8466.3	8463.3	8427.0	* 52.1	* 31.4	80	3100	1942	529	* 406	* 9.3	9.4	73.4	93.6	.88	.89	* 7	* 1.10	1.51	* 10.2	9.4	16.2	* 31.1	.95	1089
D * 10:18	* 8467.5	8463.3	8427.0	* 52.1	* 32.8	82	3200	1942	525	* 406	* 9.3	9.4	73.8	93.6	.88	.89	* 7	* 1.10	1.51	* 10.2	9.4	16.2	* 31.1	.99	1089
D * 10:19	* 8468.0	8464.5	8429.0	* 32.1	* 37.7	82	3200	1942	525	* 406	* 9.3	9.4	73.9	93.7	.88	.88	* 7	* 1.32	1.51	* 10.0	9.4	16.1	* 32.3	1.00	1055
D * 10:20	* 8469.5	8466.5	8429.0	* 63.4	* 34.4	81	3100	1947	525	* 402	* 9.3	9.4	74.1	94.3	.88	.89	* 7	* 1.17	1.51	* 10.2	9.4	16.2	* 34.3	1.02	997
D * 10:21	* 8470.2	8467.2	8429.0	* 68.0	* 31.5	82	3100	1947	530	* 402	* 9.3	9.4	74.3	94.2	.88	.89	* 7	* 1.16	1.51	* 10.2	9.4	16.2	* 35.0	1.04	977
D * 10:24	* 8471.2	8468.2	8431.0	* 21.6	* 34.2	81	3200	1947	527	* 396	* 9.3	9.4	74.7	94.4	.89	.88	* 7	* 1.45	1.51	* 10.2	9.4	16.2	* 36.0	1.08	955
D * 10:26	* 8473.1	8470.1	8433.0	* 59.0	* 36.7	80	3200	1951	530	* 394	* 9.3	9.4	75.1	94.6	.88	.89	* 7	* 1.10	1.51	* 10.2	9.4	16.2	* 37.9	1.11	910
D * 10:29	* 8474.4	8471.4	8434.0	* 24.4	* 38.4	81	2900	1951	530	* 396	* 9.3	9.4	75.6	95.2	.89	.88	* 7	* 1.45	1.51	* 10.2	9.4	16.2	* 39.2	1.17	885
D * 10:32	* 8475.5	8472.5	8338.0	* 19.9	* 38.1	82	3100	1947	525	* 394	* 9.3	9.4	76.2	95.3	.89	.89	* 7	* 1.53	1.51	* 10.2	9.4	16.2	* 40.4	1.22	865
D * 10:34	* 8476.3	8473.3	8338.0	* 40.1	* 36.9	80	2700	1956	530	* 396	* 9.3	9.4	76.3	95.6	.89	.89	* 7	* 1.32	1.51	* 10.0	9.4	16.1	* 41.1	1.24	850
D * 10:35	* 8477.4	8473.3	8017.0	* 40.1	* 34.6	83	2500	1947	530	* 396	* 9.3	9.4	76.6	95.3	.89	.88	* 7	* 1.32	1.51	* 10.0	9.4	16.1	* 41.1	1.27	850
D * 10:37	* 8478.1	8475.1	8017.0	* 25.4	* 33.5	78	3300	1947	530	* 386	* 9.3	9.4	76.8	95.2	.89	.88	* 7	* 1.41	1.51	* 9.4	9.4	16.0	* 42.9	1.30	820
D * 10:39	* 8479.2	8475.1	8019.0	* 25.4	* 34.9	79	2600	1947	530	* 392	* 9.3	9.4	77.1	95.3	.89	.88	* 7	* 1.41	1.51	* 9.4	9.4	16.0	* 42.9	1.33	820
D * 10:40	* 8480.3	8477.3	8019.0	* 127.5	* 32.4	80	2700	1947	525	* 390	* 9.3	9.4	77.2	95.4	.89	.88	* 7	* .95	1.51	* 10.2	9.4	16.2	* 45.1	1.34	783
D * 10:41	* 8481.1	8477.3	8039.0	* 127.5	* 35.7	80	2600	1951	531	* 388	* 9.3	9.4	77.4	95.9	.89	.87	* 7	* .95	1.51	* 10.2	9.4	16.2	* 45.1	1.36	783
D * 10:42	* 8482.2	8479.2	8039.0	* 43.3	* 32.4	80	2500	1951	530	* 382	* 9.3	9.4	77.6	96.0	.89	.87	* 7	* 1.25	1.51	* 10.5	9.4	16.3	* 47.0	1.39	755
D * 10:45	* 8483.3	8480.3	8052.0	* 29.4	* 36.9	81	2600	1951	525	* 382	* 9.3	9.4	77.9	95.6	.89	.86	* 7	* 1.34	1.51	* 9.9	9.4	16.1	* 48.1	1.43	741
D * 10:46	* 8484.5	8481.5	8052.0	* 63.1	* 34.0	80	2900	1951	527	* 378	* 9.3	9.4	78.0	95.7	.89	.86	* 7	* 1.16	1.51	* 10.2	9.4	16.2	* 49.3	1.45	724
D * 10:47	* 8485.5	8481.5	8406.0	* 63.1	* 35.4	81	3000	1947	5																