* BIT # 22   SMITH F3   BIT DIAMETER : 12.25 inch   NOZZ 16/16/16   MUD RHEOLOGICAL PARAMETERS : PV = 14 YP = 13 GEL = 4 *

466539

	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	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	D:Hr	$
D	20:45	8833.4	8830.1	8702.0	40.4	35.7	93	3900	1923	521	400	9.2	9.4	85.4	98.3	1.01	1.02	7	1.29	1.54	10.4	9.3	16.3	397.9	10.04	168
D	20:47	8834.3	8830.1	8703.0	40.4	38.5	96	3800	1923	521	406	9.2	9.4	85.5	97.9	1.01	1.02	7	1.29	1.54	10.4	9.3	16.3	397.9	10.07	168
D	20:47	8835.0	8831.3	8703.0	34.8	38.8	93	3900	1919	521	404	9.2	9.3	85.5	97.9	1.01	1.02	7	1.35	1.54	9.9	9.3	16.2	399.1	10.07	168
D	20:49	8836.6	8833.6	8703.0	39.9	41.3	92	3700	1914	521	404	9.2	9.4	85.4	98.4	1.01	1.01	7	1.33	1.54	10.1	9.3	16.3	401.4	10.12	168
D	20:52	8837.6	8833.6	8706.0	39.9	37.2	92	3600	1919	521	404	9.2	9.4	85.4	99.4	1.02	1.00	7	1.33	1.54	10.1	9.3	16.3	401.4	10.15	168
D	20:52	8838.2	8835.2	8706.0	300.9	38.9	92	3700	1923	516	402	9.2	9.3	85.4	99.6	1.02	1.00	7	.73	1.54	10.0	9.3	16.2	403.0	10.16	167
D	20:54	8839.0	8836.0	8708.0	29.1	35.6	92	3700	1919	512	470	9.2	9.3	85.4	100.4	1.02	.99	7	1.39	1.54	9.7	9.3	16.2	403.8	10.19	167
D	20:55	8840.3	8837.3	8708.0	64.6	40.1	91	3800	1919	516	470	9.2	9.3	85.4	101.1	1.02	.98	7	1.18	1.54	10.0	9.3	16.2	405.1	10.21	167
D	20:56	8841.2	8838.2	8708.0	41.1	37.5	92	3700	1919	521	470	9.2	9.4	85.5	101.1	1.02	.98	7	1.29	1.54	10.4	9.3	16.3	406.0	10.23	167
D	21: 1	8842.1	8838.2	8791.0	41.1	39.8	89	3800	1909	518	472	9.2	9.4	85.5	101.1	1.02	.98	7	1.29	1.54	10.4	9.3	16.3	406.0	10.30	167
D	21: 2	8843.2	8840.2	8791.0	44.1	37.9	89	2900	1909	516	470	9.2	9.3	85.5	101.7	1.02	.97	7	1.25	1.54	10.7	9.3	16.4	408.0	10.32	167
D	21: 3	8844.3	8841.3	8792.0	55.0	33.4	90	2900	1919	517	472	9.2	9.3	85.6	101.8	1.02	.98	7	1.17	1.54	10.0	9.3	16.2	409.2	10.34	167
D	21: 4	8845.1	8842.1	8792.0	50.5	37.8	91	2900	1914	521	474	9.2	9.4	85.7	101.2	1.01	.98	7	1.20	1.54	10.0	9.3	16.2	409.9	10.36	166
D	21: 6	8846.0	8843.0	8792.0	26.4	38.2	90	2800	1909	521	476	9.2	9.4	85.8	101.7	1.01	.98	7	1.41	1.54	9.5	9.3	16.2	410.8	10.39	166
D	21: 7	8847.0	8843.0	8794.0	26.4	32.2	92	2700	1914	521	476	9.2	9.4	85.8	101.7	1.02	.98	7	1.41	1.54	9.5	9.3	16.2	410.8	10.40	166
D	21: 9	8848.1	8845.1	8794.0	26.9	39.8	93	2800	1909	517	478	9.2	9.3	86.0	101.7	1.01	.97	7	1.40	1.54	9.6	9.3	16.2	412.9	10.44	166
D	21:10	8849.2	8845.1	8796.0	26.9	32.4	91	2700	1909	516	476	9.2	9.4	86.1	101.3	1.01	.98	7	1.40	1.54	9.6	9.3	16.2	412.9	10.45	166
D	21:12	8850.6	8846.2	8796.0	78.4	35.4	93	2700	1914	517	474	9.2	9.3	86.1	101.3	1.01	.98	7	1.09	1.54	10.0	9.3	16.3	414.0	10.49	166
D	21:13	8851.2	8848.2	8796.0	25.6	40.1	91	2800	1909	512	474	9.2	9.3	86.1	101.4	1.01	.98	7	1.43	1.54	9.4	9.3	16.1	414.9	10.51	165
D	21:16	8852.1	8849.1	8796.0	28.9	40.4	92	2900	1914	517	470	9.2	9.3	86.3	101.6	1.01	.97	7	1.40	1.54	10.0	9.3	16.3	416.9	10.56	165
D	21:17	8853.4	8849.1	8796.0	28.9	37.5	92	2900	1909	517	472	9.2	9.3	86.4	101.6	1.01	.97	7	1.40	1.54	10.0	9.3	16.3	416.9	10.58	165
D	21:19	8854.9	8851.9	8796.0	81.1	41.1	91	2800	1909	516	472	9.2	9.4	86.5	101.5	1.01	.97	7	1.10	1.54	10.0	9.3	16.3	419.7	10.60	165
D	21:19	8855.0	8851.9	8796.0	81.1	38.7	89	2900	1909	517	470	9.2	9.3	86.4	101.5	1.01	.97	7	1.10	1.54	10.0	9.3	16.3	419.7	10.60	165
D	21:21	8856.1	8853.1	8798.0	34.2	40.7	91	2900	1905	521	472	9.2	9.3	86.6	102.1	1.01	.97	7	1.37	1.54	9.8	9.3	16.2	420.9	10.63	164
D	21:22	8857.2	8853.1	8798.0	34.2	36.9	91	2800	1909	521	472	9.3	9.3	86.6	101.7	1.01	.97	7	1.37	1.54	9.8	9.3	16.2	420.9	10.66	164
D	21:24	8858.0	8855.0	8799.0	41.4	34.0	91	2700	1900	512	472	9.2	9.4	86.7	101.2	1.01	.97	7	1.26	1.54	10.6	9.3	16.4	422.8	10.68	164
D	21:25	8859.2	8856.2	8799.0	45.8	32.8	93	1300	1905	513	472	9.2	9.4	86.7	101.3	1.01	.97	7	1.22	1.54	10.0	9.3	16.3	424.1	10.71	164
D	21:34	8860.2	8857.2	8800.0	24.8	34.7	89	2800	1876	512	406	9.2	9.4	86.9	101.2	1.00	.97	7	1.28	1.54	10.5	9.3	16.4	425.0	10.74	164
D	21:36	8861.5	8858.5	8802.0	39.4	37.8	88	2900	1872	508	476	9.3	9.4	86.9	100.5	1.00	.98	7	1.28	1.54	10.5	9.3	16.4	426.3	10.78	164
D	21:37	8862.3	8859.3	8802.0	56.2	38.8	91	2900	1867	508	472	9.3	9.4	86.8	99.8	1.00	.98	7	1.18	1.54	10.0	9.3	16.3	427.1	10.79	163
D	21:38	8863.1	8860.1	8804.0	34.3	37.3	89	3000	1867	508	466	9.2	9.4	86.9	99.3	1.00	.99	7	1.33	1.54	10.1	9.3	16.3	428.0	10.82	163
D	21:40	8864.5	8861.5	8804.0	51.9	38.8	92	3000	1872	508	466	9.3	9.4	86.9	101.3	1.00	.96	7	1.21	1.54	10.0	9.3	16.3	429.3	10.84	163
D	21:40	8865.1	8862.1	8804.0	43.1	38.4	90	3100	1867	507	466	9.3	9.4	87.0	102.1	1.00	.96	7	1.26	1.54	10.6	9.3	16.4	429.9	10.85	163
D	21:42	8866.3	8863.3	8806.0	45.7	42.0	88	3100	1867	507	462	9.3	9.4	86.8	101.6	1.00	.96	7	1.24	1.54	10.8	9.3	16.4	431.1	10.88	163
D	21:43	8867.3	8864.3	8806.0	49.2	39.0	90	2900	1872	512	462	9.3	9.4	87.0	101.8	1.00	.96	7	1.23	1.54	10.0	9.3	16.3	432.2	10.90	162
D	21:45	8868.5	8865.5	8807.0	35.7	37.0	89	2900	1872	509	460	9.3	9.5	86.9	102.1	1.00	.96	7	1.31	1.54	10.3	9.3	16.3	433.3	10.94	162
D	21:46	8869.1	8866.1	8807.0	46.4	37.0	87	3100	1872	512	460	9.3	9.4	87.0	102.2	1.00	.96	7	1.23	1.54	10.0	9.3	16.3	433.9	10.95	162
D	21:47	8870.1	8866.1	8809.0	46.4	32.5	89	2900	1872	512	460	9.3	9.5	87.1	102.5	1.00	.96	7	1.23	1.54	10.0	9.3	16.3	433.9	10.97	162
D	21:49	8871.5	8868.5	8809.0	67.4	39.8	88	3100	1876	508	460	9.3	9.4	87.1	102.2	.99	.97	7	1.14	1.54	10.0	9.3	16.3	436.3	11.00	162
D	21:50	8872.6	8867.6	8809.0	52.1	38.9	89	2800	1876	512	458	9.3	9.5	87.1	102.2	.99	.97	7	1.21	1.54	10.0	9.3	16.3	437.5	11.02	161
D	21:51	8873.1	8870.1	8811.0	33.9	37.0	89	2900	1867	508	458	9.3	9.4	87.2	102.1	.99	.98	7	1.33	1.54	10.0	9.3	16.3	438.0	11.03	161
D	21:53	8874.4	8871.4	8811.0	38.3	37.2	89	2800	1862	508	456	9.3	9.5	87.2	102.6	.99	.98	7	1.30	1.54	10.3	9.3	16.3	439.2	11.07	161
D	21:54	8875.0	8871.4	8811.0	38.3	38.7	89	2700	1872	512	456	9.3	9.5	87.3	102.6	.99	.97	7	1.30	1.54	10.3	9.4	16.3	439.2	11.07	161
D	21:56	8876.0	8873.0	8813.0	29.6	40.3	89	2900	1872	508	456	9.3	9.5	87.3	102.5	.99	.98	7	1.41	1.54	9.6	9.3	16.2	440.8	11.11	161
D	21:57	8877.0	8873.0	8813.0	29.6	38.7	89	3500	1872	513	456	9.3	9.5	87.4	102.7	.99	.97	7	1.41	1.54	9.6	9.3	16.2	440.8	11.14	161
D	21:59	8878.0	8874.0	8815.0	33.5	38.4	89	3500	1872	513	454	9.3	9.4	87.4	103.0	.99	.98	7	1.34	1.54	10.0	9.3	16.3	442.9	11.17	161
D	22: 1	8879.8	8876.8	8818.0	48.8	40.0	91	3500	1867	516	456	9.3	9.5	87.5	102.2	.99	.99	7	1.22	1.54	10.0	9.4	16.3	444.6	11.20	160
D	22: 2	8880.2	8877.1	8818.0	26.7	40.9	92	3700	1867	508	454	9.3	9.5	87.6	102.6	.99	.99	7	1.40	1.54	9.7	9.3	16.2	444.9	11.22	160
D	22: 4	8881.1	8878.1	8818.0	34.6	38.3	91	3300	1872	512	452	9.3	9.5	87.7	102.3	.99	.99	7	1.34	1.54	10.0	9.3	16.3	445.9	11.24	160