* BIT # 20   SMITH F2   DIT DIAMETER : 12.25 inch   NOZZ 16/16/16   MUD RHEOLOGICAL PARAMETERS : PV = 13 YP = 14 GEL = 5

466513

	TIME	MEASURED	VERTCL	LAGGED	ROP	WOB	RPM	TORQ	PRESS	FLOW IN	PIT VOL	DENSITY IN	OUT	TEMPERATURE IN	OUT	RESISTIVITY IN	OUT	GAS DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST
	Hr:mn	feet	feet	feet	ft/h	klbs	rpm	ftlb	psi	gpm	bbls	ppg		degF		ohmm		unit		ppg	ppg	ppg	feet	Dhr	$
D	3: 9	7918.2	7916.9	7860.0	5200.	55.0	0	-100	-40	0	400	9.3	9.3	74.8	61.0	.76	.79	7	-1.98	1.47	10.2	9.3	16.0	22.7	.00	1339
D	3: 9	7918.2	7916.9	7860.0	5200.	55.0	0	-100	-40	0	400	9.3	9.3	74.8	61.0	.76	.79	7	-1.98	1.47	10.2	9.3	16.0	22.7	.00	1339
D	4:12	7894.4	7890.0	7876.0	.0	28.2	87	2100	1768	547	478	9.3	9.4	71.4	93.9	.76	.75	7	$$$$$	1.46	10.2	9.3	16.0	.0	.07	$$$$$$
D	4:13	7895.1	7892.1	7878.0	23.5	31.5	86	2400	1777	547	478	9.3	9.5	71.6	94.7	.76	.74	7	1.42	1.46	10.2	9.4	16.0	2.1	.12	14940
D	4:16	7896.1	7893.1	7880.0	25.6	27.4	85	2100	1763	551	474	9.3	9.4	72.2	94.7	.75	.75	7	1.37	1.46	10.2	9.3	16.0	3.1	.16	10111
D	4:20	7898.1	7894.0	7882.0	45.2	29.6	86	2200	1777	547	474	9.3	9.4	72.9	95.3	.75	.75	7	1.24	1.46	10.3	9.3	16.0	4.0	.18	7704
D	4:22	7899.2	7895.1	7885.0	25.3	27.6	88	2100	1781	551	472	9.3	9.4	73.4	95.9	.75	.76	7	1.24	1.46	10.3	9.4	16.0	4.0	.22	7704
D	4:25	7900.6	7897.6	7886.0	34.3	34.3	87	2200	1781	554	470	9.3	9.4	74.1	95.4	.75	.76	7	1.42	1.46	10.2	9.3	16.0	5.1	.26	6188
D	4:26	7901.5	7897.6	7886.0	31.8	34.9	100	2400	1799	556	470	9.3	9.4	74.5	95.3	.75	.76	7	1.34	1.46	9.5	9.4	15.8	7.6	.31	4156
D	4:27	7902.2	7899.2	7889.0	70.3	36.9	100	2500	1799	548	466	9.3	9.4	74.7	95.5	.75	.76	7	1.21	1.46	10.5	9.4	16.1	7.6	.34	4156
D	4:29	7903.4	7889.0	7889.0	34.2	36.9	99	2500	1804	551	470	9.3	9.4	75.1	95.7	.75	.76	7	1.21	1.46	10.5	9.4	16.1	9.2	.35	3454
D	4:32	7904.8	7901.8	7891.0	33.6	32.6	100	2500	1808	556	468	9.3	9.4	75.1	95.7	.75	.76	7	1.42	1.46	10.2	9.3	16.0	10.4	.38	3061
D	4:34	7905.6	7901.8	7891.0	33.6	32.4	101	2300	1804	556	470	9.3	9.4	75.7	95.7	.75	.77	7	1.42	1.46	10.2	9.3	16.0	11.0	.42	2716
D	4:35	7906.2	7903.2	7891.0	38.1	33.8	97	2400	1804	556	470	9.3	9.4	76.1	95.8	.75	.77	7	1.42	1.46	10.2	9.3	16.0	11.0	.46	2716
D	4:37	7907.2	7904.2	7891.0	32.0	36.5	100	2500	1813	556	468	9.3	9.4	76.4	95.9	.75	.77	7	1.42	1.46	10.2	9.3	16.0	13.2	.48	2446
D	4:39	7908.3	7905.3	7891.0	34.3	40.1	99	2500	1817	551	462	9.3	9.4	76.8	96.0	.76	.77	7	1.42	1.46	10.2	9.3	16.0	14.2	.52	2278
D	4:44	7909.1	7905.3	7891.0	34.3	36.7	97	2200	1817	551	460	9.3	9.4	77.1	96.0	.76	.77	7	1.43	1.46	10.2	9.3	16.0	15.3	.55	2113
D	4:52	7910.0	7907.0	7895.0	6.4	38.9	97	2500	1813	551	456	9.3	9.4	77.9	96.8	.76	.76	7	1.43	1.46	10.2	9.3	16.0	15.3	.62	2113
D	4:56	7911.6	7908.6	7895.0	29.6	37.8	82	2400	1799	547	452	9.2	9.4	79.2	97.6	.76	.76	7	1.91	1.46	10.2	9.3	16.0	17.0	.77	1954
D	4:57	7912.1	7909.1	7895.0	25.4	38.1	81	2400	1799	547	450	9.3	9.4	79.8	97.0	.76	.76	7	1.45	1.46	10.2	9.3	16.0	18.6	.82	1794
D	4:59	7913.3	7910.3	7895.0	36.4	41.1	80	2200	1799	547	448	9.3	9.4	79.9	97.8	.76	.75	7	1.46	1.46	10.2	9.3	16.0	19.1	.84	1755
D	5: 0	7914.2	7911.2	7895.0	32.6	39.2	80	2500	1804	551	448	9.2	9.4	80.3	98.7	.76	.75	7	1.34	1.46	9.6	9.3	15.9	20.3	.87	1659
D	5: 2	7915.6	7912.6	7895.0	39.1	35.3	79	2800	1804	550	448	9.3	9.4	80.4	99.4	.76	.75	7	1.40	1.46	10.2	9.3	16.0	21.2	.90	1591
D	5: 4	7916.2	7913.2	7895.0	32.2	37.5	82	2600	1799	551	446	9.3	9.4	80.9	100.4	.76	.75	7	1.32	1.46	9.7	9.3	15.9	22.6	.94	1499
D	5: 5	7917.2	7913.2	7895.0	32.2	37.4	78	2700	1808	547	446	9.2	9.4	81.3	100.4	.76	.76	7	1.45	1.46	10.2	9.3	16.0	23.2	.95	1464
D	5: 8	7918.4	7914.2	7810.0	31.0	38.9	78	2600	1799	551	444	9.3	9.4	81.6	100.8	.77	.75	7	1.43	1.46	10.2	9.3	16.0	24.2	1.02	1406
D	5:10	7919.0	7916.0	7810.0	17.0	37.7	81	2600	1795	547	442	9.3	9.4	82.0	101.3	.76	.75	7	1.50	1.47	10.2	9.3	16.0	26.0	1.06	1318
D	5:12	7920.2	7918.0	7821.0	17.0	36.2	80	2500	1799	547	442	9.3	9.4	82.2	101.7	.76	.75	7	1.50	1.47	10.2	9.3	16.0	26.0	1.09	1318
D	5:13	7921.1	7918.1	7821.0	41.6	41.0	80	2900	1804	551	442	9.3	9.4	82.5	101.7	.76	.75	7	1.32	1.47	9.7	9.4	15.9	28.1	1.11	1227
D	5:16	7922.8	7919.8	7829.0	34.1	37.7	81	2700	1808	542	440	9.3	9.4	83.0	101.7	.76	.74	7	1.39	1.47	10.2	9.3	16.0	29.8	1.16	1163
D	5:18	7923.0	7919.8	7843.0	34.1	36.7	83	2700	1799	551	438	9.3	9.4	83.4	101.3	.76	.74	7	1.39	1.47	10.2	9.3	16.0	29.8	1.20	1163
D	5:21	7924.6	7921.6	7845.0	43.0	33.7	82	2500	1804	551	438	9.3	9.4	83.8	101.7	.76	.74	7	1.20	1.47	10.0	9.4	16.0	31.6	1.24	1104
D	5:22	7925.1	7922.1	7845.0	22.9	41.2	82	2700	1799	552	438	9.3	9.4	83.9	101.7	.76	.74	7	1.46	1.47	10.2	9.3	16.0	32.1	1.26	1091