

* BIT # 0 SMITH F3J BIT DIAMETER : 12.25 inch HOZZ 13/13/13

MUD RHEOLOGICAL PARAMETERS : PV = 1 YP = 3 GEL = 1

406352

TIME	MEASURED	DEPTHS			DRILLING PARAMETERS							MUD PARAMETERS		RESISTIVITY		OVERPRESSURE SURVEY				ACCUMULATED ON BIT					
		VERTCL	LAGGED	ROP	WOB	RPM	TORG	PRESS	FLOW	PIT	DENSITY	TEMPERATURE	IN	OUT	DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST			
Hr:mn	feet	feet	feet	ft/h	kibs	rpm	ftlb	psi	gpm	bbbls	IN	OUT	IN	OUT	ohm	unit	ppg	ppg	ppg	feet	DHr	\$			
D * 2:35	* 2475.3	2475.1	2452.0	* 27.4	* 12.6	93	800	1644	494	* 530	* 8.6	8.6	57.6	65.4	.21	.23	* 3	* 1.09	.92	* 8.6	8.6	13.2	* 367.5	5.09	125
D * 2:39	* 2477.6	2477.1	2454.0	* 32.7	* 12.6	93	800	1644	494	* 524	* 8.6	8.6	57.6	65.5	.21	.22	* 3	* 1.11	.92	* 8.6	8.6	13.2	* 369.5	5.16	124
D * 2:43	* 2480.1	2479.1	2457.0	* 27.8	* 11.8	92	700	1654	498	* 514	* 8.6	8.6	57.6	65.5	.21	.22	* 3	* 1.13	.92	* 8.6	8.6	13.2	* 371.5	5.22	124
D * 2:48	* 2482.6	2482.0	2458.0	* 30.8	* 12.0	89	800	1649	500	* 508	* 8.6	8.6	57.6	65.5	.21	.22	* 4	* 1.12	.92	* 8.6	8.6	13.2	* 374.4	5.30	124
D * 2:52	* 2485.0	2484.0	2458.0	* 31.2	* 12.6	93	700	1649	493	* 506	* 8.6	8.6	57.6	65.7	.21	.23	* 3	* 1.08	.93	* 8.6	8.6	13.2	* 376.4	5.37	124
D * 2:57	* 2487.7	2487.1	2460.0	* 31.3	* 11.4	91	800	1610	500	* 506	* 8.6	8.6	57.6	65.0	.21	.23	* 3	* 1.10	.93	* 8.6	8.6	13.2	* 379.5	5.45	124
D * 3:10	* 2490.0	2490.0	2466.0	* 44.7	* 13.2	88	800	1688	493	* 522	* 8.6	8.6	57.6	65.4	.21	.23	* 4	* 1.01	.93	* 8.6	8.6	13.2	* 382.4	5.47	124
D * 3:14	* 2492.6	2492.2	2468.0	* 39.2	* 14.0	88	800	1693	504	* 518	* 8.6	8.6	57.6	65.3	.21	.23	* 3	* 1.06	.93	* 8.6	8.6	13.2	* 384.6	5.56	123
D * 3:19	* 2495.1	2494.0	2470.0	* 35.3	* 12.8	89	800	1697	504	* 518	* 8.6	8.6	57.6	65.9	.21	.23	* 3	* 1.11	.93	* 8.6	8.6	13.2	* 386.5	5.64	123
D * 3:25	* 2497.5	2497.3	2473.0	* 30.4	* 15.7	87	700	1693	504	* 524	* 8.6	8.6	57.7	65.8	.21	.23	* 3	* 1.13	.93	* 8.6	8.6	13.2	* 389.7	5.73	123
D * 3:31	* 2500.2	2500.2	2477.0	* 28.5	* 11.0	89	700	1697	504	* 528	* 8.6	8.6	57.6	65.8	.21	.23	* 3	* 1.12	.93	* 8.6	8.6	13.2	* 392.6	5.84	124
D * 3:35	* 2503.4	2503.4	2480.0	* 60.5	* 13.8	88	800	1697	509	* 532	* 8.6	8.6	57.7	65.6	.21	.22	* 4	* .96	.93	* 8.6	8.6	13.2	* 395.8	5.91	123
D * 3:40	* 2505.0	2505.0	2482.0	* 25.3	* 15.6	89	800	1697	504	* 536	* 8.6	8.6	57.7	65.9	.21	.22	* 4	* 1.19	.93	* 8.6	8.6	13.2	* 397.4	5.98	123
D * 3:46	* 2507.5	2507.2	2485.0	* 29.5	* 16.0	87	800	1782	509	* 544	* 8.6	8.6	57.7	65.8	.21	.22	* 4	* 1.16	.93	* 8.6	8.6	13.2	* 399.6	6.08	123
D * 3:52	* 2510.1	2510.1	2487.0	* 21.9	* 13.2	88	800	1782	504	* 546	* 8.6	8.6	57.7	65.9	.21	.22	* 3	* 1.21	.93	* 8.6	8.6	13.2	* 402.5	6.19	124
D * 3:58	* 2512.7	2512.0	2490.0	* 21.0	* 17.7	89	700	1782	507	* 560	* 8.6	8.6	57.7	66.0	.21	.22	* 3	* 1.25	.93	* 8.6	8.6	13.2	* 404.4	6.29	124
D * 4: 5	* 2515.1	2514.1	2494.0	* 23.5	* 16.0	87	800	1782	509	* 577	* 8.6	8.6	57.7	65.9	.21	.22	* 4	* 1.21	.93	* 8.6	8.6	13.2	* 406.5	6.40	124
D * 4:11	* 2517.5	2517.3	2497.0	* 27.2	* 16.0	91	700	1787	505	* 576	* 8.6	8.6	57.7	66.0	.21	.22	* 3	* 1.19	.93	* 8.6	8.6	13.2	* 409.7	6.50	124
D * 4:15	* 2520.4	2520.2	2498.0	* 29.4	* 14.0	88	800	1664	504	* 568	* 8.6	8.6	57.7	65.9	.21	.22	* 3	* 1.12	.93	* 8.6	8.6	13.2	* 412.6	6.58	124
D * 4:42	* 2522.6	2522.1	2508.0	* 29.0	* 15.0	89	800	1628	498	* 534	* 8.6	8.6	57.8	65.7	.21	.22	* 4	* 1.12	.93	* 8.6	8.6	13.2	* 414.5	6.71	125
D * 4:47	* 2525.2	2524.0	2510.0	* 31.3	* 13.0	93	700	1625	488	* 530	* 8.6	8.6	57.9	65.8	.21	.22	* 4	* 1.11	.93	* 8.6	8.6	13.2	* 416.4	6.79	125
D * 4:52	* 2527.6	2527.1	2512.0	* 29.4	* 12.9	91	800	1625	489	* 528	* 8.6	8.6	57.9	65.9	.21	.22	* 4	* 1.09	.93	* 8.6	8.6	13.2	* 419.5	6.88	125
D * 4:59	* 2530.1	2530.1	2514.0	* 31.0	* 14.1	91	700	1638	493	* 526	* 8.6	8.6	58.0	65.8	.21	.22	* 4	* 1.11	.93	* 8.6	8.6	13.2	* 422.5	6.98	125
D * 5: 4	* 2532.6	2532.1	2516.0	* 26.9	* 14.5	89	700	1625	494	* 528	* 8.6	8.6	58.0	65.9	.21	.22	* 4	* 1.15	.93	* 8.6	8.6	13.2	* 424.5	7.07	125
D * 5:10	* 2535.0	2534.1	2520.0	* 21.7	* 12.5	89	800	1625	489	* 514	* 8.6	8.6	58.0	65.9	.21	.22	* 4	* 1.19	.93	* 8.6	8.6	13.2	* 426.5	7.17	125
D * 5:17	* 2542.2	2542.2	2520.0	* 148.5	* 14.3	92	700	1638	489	* 504	* 8.6	8.6	58.1	65.9	.21	.22	* 4	* .76	.93	* 10.3	8.6	14.0	* 434.6	7.28	124
D * 5:18	* 2542.5	2542.2	2520.0	* 148.5	* 13.9	89	700	1638	494	* 508	* 8.6	8.6	58.1	65.9	.21	.22	* 4	* .76	.93	* 10.3	8.6	14.0	* 434.6	7.29	124
D * 5:24	* 2545.1	2544.1	2520.0	* 21.4	* 12.7	91	800	1625	489	* 500	* 8.6	8.6	58.1	65.8	.21	.22	* 4	* 1.20	.93	* 8.6	8.6	13.2	* 436.9	7.39	124
D * 5:30	* 2547.5	2547.1	2521.0	* 25.5	* 15.3	89	800	1638	499	* 502	* 8.6	8.6	58.2	65.7	.21	.22	* 4	* 1.17	.93	* 8.6	8.6	13.2	* 439.9	7.49	124