

* BIT # 0 SMITH F3J BIT DIAMETER : 12.25 inch NOZZ 13/13/13 MUD RHEOLOGICAL PARAMETERS : PV = 3 YP = 1 GEL = 0 *

		DEPTHS			DRILLING PARAMETERS						MUD PARAMETERS				GAS		OVERPRESSURE SURVEY				ACCUMULATED ON BIT				
TIME	MEASURED	VERTCL	LAGGED	ROP	WOB	RPM	TORG	PRESS	FLOW	PIT	DENSITY	TEMPERATURE		RESISTIVITY		GAS	DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST	
Hr:mn	feet	feet	feet	ft/h	kips	rpm	ftlb	psi	gpm	bbls	ppg	IN	OUT	IN	OUT	unit			ppg	ppg	ppg	feet	Dir	\$	
D * 5:9	* 3463.8	3463.2	3377.0	* 402.0	* 3.4	92	900	1664	474	* 546	* 8.6	8.6	58.0	66.6	.20	.21	* 3	* .30	1.00	* 0.6	0.6	13.8	* 1356.	16.91	66
D * 5:9	* 3467.1	3466.8	3377.0	* 864.3	* 6.9	93	900	1668	477	* 544	* 8.6	8.6	58.0	66.5	.20	.21	* 3	* .29	1.01	* 0.6	0.6	13.8	* 1360.	16.91	65
D * 5:10	* 3470.0	3469.3	3377.0	* 744.8	* 5.0	92	900	1668	468	* 544	* 8.6	8.6	58.0	66.3	.20	.21	* 3	* .30	1.01	* 0.6	0.6	13.8	* 1362.	16.92	65
D * 5:11	* 3474.5	3473.2	3377.0	* 592.5	* 6.9	91	900	1673	468	* 542	* 8.6	8.6	57.9	66.3	.20	.21	* 3	* .36	1.01	* 0.6	0.6	13.8	* 1366.	16.93	65
D * 5:11	* 3477.3	3476.2	3377.0	* 326.2	* .3	92	800	1678	479	* 544	* 8.6	8.6	57.9	66.2	.20	.21	* 3	* .35	1.01	* 0.6	0.6	13.8	* 1369.	16.93	65
D * 5:11	* 3480.6	3479.9	3377.0	* 625.8	* 3.6	91	900	1678	468	* 542	* 8.6	8.6	57.9	66.0	.20	.21	* 3	* .31	1.01	* 0.6	0.6	13.8	* 1373.	16.94	65
D * 5:11	* 3483.8	3482.9	3377.0	* 548.5	* 1.2	91	900	1683	468	* 542	* 8.6	8.6	58.0	65.9	.20	.21	* 3	* .28	1.01	* 0.6	0.6	13.8	* 1376.	16.94	65
D * 5:12	* 3486.7	3486.2	3377.0	* 797.4	* 2.2	91	900	1683	473	* 542	* 8.6	8.6	58.0	65.9	.20	.21	* 3	* .24	1.01	* 0.6	0.6	13.8	* 1379.	16.95	65
D * 5:25	* 3489.5	3488.9	3377.0	* 772.7	* -1.1	70	900	1780	479	* 566	* 8.6	8.6	57.8	66.5	.20	.21	* 3	* .80	1.01	* 0.6	0.6	13.8	* 1382.	16.96	64
D * 5:25	* 3493.6	3492.0	3377.0	* 795.9	* 1.0	96	1000	1814	479	* 564	* 8.6	8.6	57.8	66.5	.20	.21	* 3	* .17	1.01	* 0.6	0.6	13.8	* 1387.	16.96	64
D * 5:26	* 3498.0	3497.4	3377.0	* 1013.	* 1.2	95	1000	1818	491	* 562	* 8.6	8.6	57.8	66.3	.20	.21	* 3	* .19	1.01	* 0.6	0.6	13.8	* 1390.	16.97	64
D * 5:26	* 3502.4	3501.9	3377.0	* 702.1	* .6	95	1000	1818	488	* 568	* 8.6	8.6	57.9	66.3	.20	.21	* 3	* .22	1.01	* 0.6	0.6	13.8	* 1395.	16.97	64
D * 5:26	* 3505.3	3505.0	3377.0	* 804.1	* 3.4	93	1200	1823	484	* 558	* 8.6	8.6	57.9	66.3	.20	.21	* 3	* .23	1.01	* 0.6	0.6	13.8	* 1398.	16.98	64
D * 5:27	* 3507.2	3506.3	3377.0	* 237.2	* 12.1	91	1700	1828	493	* 556	* 8.6	8.6	57.9	66.2	.20	.21	* 3	* .50	1.01	* 0.6	0.6	13.8	* 1399.	16.99	64
D * 5:31	* 3510.2	3510.1	3377.0	* 27.5	* 23.2	92	1200	1775	489	* 550	* 8.6	8.6	57.8	66.0	.20	.21	* 3	* 1.08	1.01	* 0.6	0.6	13.8	* 1403.	17.06	64
D * 5:33	* 3512.0	3512.0	3377.0	* 62.1	* 30.9	91	1300	1809	493	* 540	* 8.6	8.6	57.8	65.9	.20	.21	* 3	* 1.16	1.01	* 0.6	0.6	13.8	* 1405.	17.07	64
D * 5:36	* 3514.6	3514.2	3378.0	* 51.2	* 28.8	92	1200	1814	488	* 548	* 8.6	8.6	57.7	66.2	.20	.21	* 3	* 1.19	1.01	* 0.6	0.6	13.8	* 1407.	17.13	64
D * 5:39	* 3517.0	3516.0	3392.0	* 48.5	* 29.1	35	100	1814	488	* 548	* 8.6	8.6	57.8	66.3	.20	.21	* 3	* 1.22	1.01	* 0.6	0.6	13.8	* 1409.	17.18	64

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