

\* BIT # 25 SMITH F2 BIT DIAMETER : 0.50 inch NOZZ 14/14/ 0

MUD RHEOLOGICAL PARAMETERS : PV = 15 YP = 13 GEL = 6

* TIME *	* MEASURED *	* DEPTHS *			* DRILLING PARAMETERS *				* MUD PARAMETERS *				* GAS *				* OVERPRESSURE SURVEY *				* ACCUMULATED ON BIT *					
		VERTCL	LAGGED		ROP	WOB	RPM	TORG	PRESS	FLOW	PIT	DENSITY	TEMPERATURE	RESISTIVITY		DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST			
* Hr:mn *	* feet *	* feet *	* feet *	* ft/h *	* klbs *	rpm	ftlb	psi	gpm	* bbls *	ppg	degF	IN	OUT	* unit *		ppg	ppg	ppg	* feet *	DHr	* \$ *				
D * 0:53	* 9515.5	9514.5	9440.0	* 24.7	* 29.1	72	3300	1074	330	* 505	* 9.1	9.2	78.4	95.3	1.06	1.09	* 34	* 1.55	2.01	* 8.8	9.2	16.3	* 11.8	.42	2354	
D * 0:55	* 9516.5	9515.8	9444.0	* 53.9	* 30.1	73	3300	1079	330	* 507	* 9.1	9.1	78.6	96.0	1.06	1.06	* 146	* 1.29	2.01	* 8.8	9.2	16.3	* 13.1	.45	2134	
D * 0:55	* 9517.1	9515.8	9444.0	* 53.9	* 31.0	74	3300	1004	334	* 591	* 9.1	9.2	78.6	95.8	1.06	1.07	* 15	* 1.29	2.01	* 8.8	9.2	16.3	* 13.1	.45	2134	
D * 0:57	* 9518.1	9517.4	9448.0	* 32.7	* 32.1	73	3300	1079	329	* 509	* 9.1	9.2	78.6	95.7	1.06	1.07	* 15	* 1.45	2.01	* 8.8	9.2	16.3	* 14.7	.40	1916	
D * 0:59	* 9519.1	9517.4	9448.0	* 32.7	* 33.1	74	3300	1079	330	* 509	* 9.1	9.3	78.5	95.4	1.06	1.06	* 15	* 1.45	2.01	* 8.8	9.2	16.3	* 14.7	.51	1916	
D * 1: 2	* 9520.1	9519.4	9448.0	* 19.7	* 36.4	74	3400	1079	334	* 509	* 9.1	9.2	78.6	95.8	1.06	1.06	* 15	* 1.71	2.01	* 10.5	9.2	16.8	* 16.6	.56	1704	
D * 1: 6	* 9521.3	9520.6	9451.0	* 16.0	* 38.3	76	3400	1004	330	* 507	* 9.1	9.2	78.6	95.7	1.06	1.05	* 15	* 1.79	2.01	* 10.0	9.2	16.7	* 17.8	.63	1605	
D * 1: 8	* 9522.1	9521.4	9451.0	* 32.5	* 33.0	73	3300	1060	330	* 505	* 9.1	9.2	78.8	96.1	1.06	1.06	* 15	* 1.54	2.01	* 8.8	9.1	16.3	* 18.7	.66	1540	
D * 1: 9	* 9523.3	9522.6	9454.0	* 43.7	* 33.3	73	3300	1000	334	* 503	* 9.1	9.2	78.8	95.7	1.06	1.06	* 15	* 1.43	2.01	* 8.8	9.2	16.3	* 19.9	.69	1449	
D * 1:11	* 9524.1	9523.4	9456.0	* 27.7	* 32.0	73	3300	1004	330	* 505	* 9.1	9.2	78.8	96.1	1.06	1.06	* 15	* 1.55	2.01	* 8.8	9.2	16.3	* 20.6	.71	1401	
D * 1:12	* 9525.1	9524.4	9456.0	* 45.5	* 38.6	72	3300	1000	330	* 509	* 9.1	9.3	78.7	96.3	1.06	1.05	* 15	* 1.41	2.01	* 8.8	9.2	16.3	* 21.7	.74	1337	
D * 1:16	* 9527.0	9526.3	9450.0	* 32.0	* 35.5	72	3400	1004	333	* 595	* 9.1	9.2	78.6	96.1	1.06	1.07	* 15	* 1.53	2.01	* 8.8	9.2	16.3	* 23.6	.79	1240	
D * 1:16	* 9527.0	9526.3	9450.0	* 7.9	* 35.0	73	3300	1079	329	* 597	* 9.1	9.2	79.2	96.0	1.07	1.06	* 15	* 1.94	2.01	* 8.8	9.2	16.3	* 23.6	.80	1238	
D * 1:18	* 9528.1	9527.4	9460.0	* 40.9	* 31.0	73	3400	1079	329	* 597	* 9.1	9.2	78.6	95.7	1.06	1.07	* 15	* 1.37	2.01	* 8.8	9.1	16.3	* 24.7	.82	1188	
T * 1:28	* 9528.0	9527.4	9466.0	* -----	* -----	77	3400	1090	330	* 609	* 9.1	9.2	78.2	94.2	1.07	1.08	* 15	* -----	* -----	* -----	* -----	* -----	* -----	* -----	* -----	* -----
D * 1:31	* 9529.0	9528.3	9471.0	* 7.3	* 36.6	77	3500	1090	334	* 599	* 9.1	9.2	78.3	95.1	1.06	1.06	* 15	* 2.00	2.01	* 8.8	9.2	16.3	* 25.6	.95	1163	
D * 1:34	* 9530.2	9529.5	9471.0	* 33.0	* 33.1	76	3500	1000	329	* 595	* 9.1	9.3	78.3	95.2	1.06	1.06	* 15	* 1.54	2.01	* 8.8	9.1	16.3	* 26.8	.90	1118	
D * 1:35	* 9531.0	9529.5	9474.0	* 33.0	* 31.9	77	3500	1090	329	* 597	* 9.1	9.3	78.1	95.2	1.07	1.07	* 15	* 1.54	2.01	* 8.8	9.1	16.3	* 26.8	1.01	1118	
D * 1:37	* 9532.1	9531.4	9476.0	* 32.3	* 37.0	77	3600	1090	329	* 597	* 9.1	9.3	78.4	95.7	1.07	1.06	* 15	* 1.54	2.01	* 8.8	9.1	16.3	* 28.7	1.05	1051	
D * 1:39	* 9533.1	9532.4	9476.0	* 31.0	* 36.6	77	3500	1093	333	* 595	* 9.1	9.2	78.4	95.3	1.06	1.09	* 15	* 1.56	2.01	* 8.8	9.1	16.3	* 29.7	1.00	1019	
D * 1:41	* 9534.0	9533.3	9476.0	* 25.9	* 38.0	77	3600	1093	333	* 595	* 9.1	9.3	78.3	95.0	1.07	1.00	* 15	* 1.64	2.01	* 8.8	9.1	16.3	* 30.6	1.12	993	
D * 1:43	* 9535.1	9534.4	9482.0	* 37.0	* 37.0	76	3600	1090	334	* 603	* 9.1	9.2	78.3	95.3	1.07	1.07	* 15	* 1.52	2.01	* 8.8	9.2	16.3	* 31.6	1.14	964	
D * 1:46	* 9536.2	9535.5	9500.0	* 24.5	* 31.2	77	3500	1090	330	* 607	* 9.1	9.3	78.4	95.9	1.07	1.07	* 15	* 1.61	2.01	* 8.8	9.2	16.3	* 32.8	1.19	935	
D * 1:48	* 9537.1	9536.4	9500.0	* 29.3	* 30.1	80	3500	1093	332	* 603	* 9.1	9.2	78.5	95.4	1.06	1.06	* 15	* 1.57	2.01	* 8.8	9.1	16.3	* 33.7	1.22	914	
D * 1:50	* 9538.3	9537.3	9504.0	* 24.0	* 32.3	78	3500	1093	333	* 605	* 9.1	9.3	78.5	95.9	1.07	1.07	* 15	* 1.63	2.01	* 8.8	9.1	16.3	* 34.6	1.26	893	
D * 1:51	* 9539.0	9538.3	9504.0	* 52.3	* 33.2	70	3600	1093	330	* 605	* 9.1	9.3	78.5	96.2	1.06	1.06	* 15	* 1.38	2.01	* 8.8	9.1	16.3	* 35.6	1.20	870	
D * 1:55	* 9540.1	9539.4	9505.0	* 10.5	* 36.6	77	3400	1090	331	* 601	* 9.1	9.3	78.6	94.5	1.07	1.08	* 15	* 1.72	2.01	* 10.4	9.1	16.8	* 36.7	1.34	850	
D * 1:58	* 9541.0	9539.4	9508.0	* 10.5	* 34.0	77	3500	1093	329	* 599	* 9.1	9.3	78.5	95.4	1.07	1.07	* 15	* 1.72	2.01	* 10.4	9.2	16.8	* 36.7	1.39	850	
D * 2: 1	* 9542.1	9541.4	9510.0	* 25.4	* 33.5	77	3400	1093	334	* 595	* 9.1	9.3	78.4	96.2	1.07	1.06	* 15	* 1.62	2.01	* 8.8	9.1	16.3	* 38.7	1.44	815	
D * 2: 3	* 9543.0	9542.4	9510.0	* 27.5	* 35.6	77	3400	1093	329	* 597	* 9.1	9.2	78.4	96.4	1.07	1.07	* 15	* 1.59	2.01	* 8.8	9.1	16.3	* 39.6	1.47	799	
D * 2: 4	* 9544.3	9543.3	9511.0	* 49.2	* 37.0	78	3500	1093	338	* 593	* 9.1	9.3	78.3	96.2	1.07	1.06	* 15	* 1.42	2.01	* 8.8	9.1	16.3	* 40.6	1.50	782	
D * 2: 6	* 9545.3	9544.6	9511.0	* 34.6	* 33.4	78	3400	1000	334	* 595	* 9.1	9.3	78.3	94.9	1.07	1.00	* 15	* 1.51	2.01	* 8.8	9.1	16.3	* 41.9	1.53	761	
D * 2: 8	* 9546.3	9545.6	9512.0	* 30.3	* 37.2	78	3500	1004	329	* 595	* 9.1	9.3	78.3	94.6	1.07	1.09	* 15	* 1.55	2.01	* 8.8	9.2	16.3	* 42.9	1.56	746	
D * 2: 9	* 9547.0	9546.3	9513.0	* 36.5	* 38.4	78	3600	1004	330	* 595	* 9.1	9.3	78.2	94.4	1.07	1.09	* 15	* 1.53	2.01	* 8.8	9.1	16.3	* 43.6	1.58	736	
D * 2:11	* 9548.0	9547.3	9513.0	* 34.0	* 34.5	77	3600	1000	329	* 595	* 9.1	9.3	78.3	95.7	1.07	1.07	* 15	* 1.52	2.01	* 8.8	9.2	16.3	* 44.6	1.61	722	
D * 2:13	* 9549.2	9548.5	9514.0	* 44.7	* 34.7	78	3600	1000	329	* 591	* 9.1	9.3	78.4	95.2	1.07	1.00	* 15	* 1.43	2.01	* 8.8	9.1	16.3	* 45.8	1.63	705	
D * 2:14	* 9550.2	9549.4	9514.0	* 52.1	* 34.6	77	3600	1004	334	* 593	* 9.1	9.3	78.3	95.7	1.07	1.07	* 15	* 1.39	2.01	* 8.8	9.2	16.3	* 46.6	1.65	694	
D * 2:15	* 9551.2	9549.4	9516.0	* 52.1	* 34.2	78	3600	1074	329	* 509	* 9.1	9.3	78.4	96.1	1.07	1.00	* 15	* 1.39	2.01	* 8.8	9.2	16.3	* 46.6	1.60	694	
D * 2:16	* 9552.1	9551.4	9516.0	* 54.0	* 34.4	76	3600	1000	333	* 591	* 9.1	9.3	78.4	95.9	1.07	1.07	* 15	* 1.37	2.01	* 8.8	9.1	16.3	* 48.7	1.70	667	
D * 2:19	* 9553.5	9552.8	9518.0	* 34.4	* 38.7	75	3600	1000	334	* 591	* 9.1	9.3	78.6	95.3	1.07	1.00	* 15	* 1.53	2.01	* 8.8	9.2	16.3	* 50.1	1.74	652	
D * 2:21	* 9554.7	9554.0	9518.0	* 37.0	* 36.5	77	3500	1079	334	* 593	* 9.1	9.3	78.6	95.7	1.07	1.07	* 15	* 1.50	2.01	* 8.8	9.2	16.3	* 51.3	1.77	639	
D * 2:22	* 9555.3	9554.0	9519.0	* 37.0	* 33.0	75	3500	1079	329	* 593	* 9.1	9.3	78.4	95.9	1.07	1.00	* 15	* 1.50	2.01	* 8.8	9.1	16.3	* 51.3	1.70	639	
D * 2:24	* 9556.2	9555.5	9519.0	* 32.2	* 36.7	77	3500	1079	334	* 593	* 9.1	9.3	78.5	95.1	1.07	1.07	* 15	* 1.51	2.01	* 8.8	9.2	16.3	* 52.0	1.82	624	
T * 2:34	* 9556.0	9555.5	9523.0	* -----	* -----	53	1900	1000	334	* 501	* 9.1	9.3	78.6	94.9	1.07	1.00	* 15	* -----	* -----	* -----	* -----	* -----	* -----	* -----	* -----	* -----
D * 2:34	* 9557.9	9557.2	9523.0	* 31.5	* 3.1	71	2100	1070	333	* 579	* 9.1	9.3	78.6	94.9	1.07	1.00	* 15	* 1.39	2.01	* 8.8	9.2	16.3	* 54.5	1.87	608	
D * 2:35	* 9558.5	9557.6	9523.0	* 22.2	* 33.4	72	3200	1102	334	* 572	* 9.1	9.3	78.6	94.0	1.07	1.09	* 15	* 1.57	2.01	* 8.8	9.2	16.3	* 54.9	1.89	605	
D * 2:36	* 9559.0	9558.3	9523.0	* 37.4	* 30.6	74	3300	1090	333	* 568	* 9.1	9.3	78.5	94.9	1.07	1.09	* 15	* 1.43	2.01	* 8.8	9.2	16.3	* 55.6	1.91	598	
D * 2:40	* 9560.4	9559.7	9526.0	* 23.5	* 33.0	78	3700	1093	336	* 562	* 9.1	9.3	78.6	95.2	1.07	1.00										