

* BIT # 25 SMITH F2 BIT DIAMETER : 8.50 inch NOZZ 14/14/ 0
 HUD RHEOLOGICAL PARAMETERS : PV = 12 YP = 9 GEL = 5 *

* DEPTHS		* DRILLING PARAMETERS										* MUD PARAMETERS				* GAS *				* OVERPRESSURE SURVEY				* ACCUMULATED ON BIT *			
* TIME	* MEASURED	VERTCL	LAGGED	* ROP	* WOB	RPM	TORQ	PRESS	FLOW	* PIT	* DENSITY	TEMPERATURE		RESISTIVITY		* DC	NORM	* PF	ECD	FRAC	* FEET	TIME	COST				
* Hr:mn	* feet	feet	feet	* ft/h	* klbs	rpm	ftlb	psi	gpm	* bbls	* ppq	IN	OUT	IN	OUT	* unit	* ppq	ppq	ppq	* feet	DHr	* \$					
D * 6:56	* 9683.3	9682.6	9640.0	* 23.6	* 40.6	74	3200	1799	326	* 589	* 9.1	9.2	80.9	90.7	1.13	1.15	* 16	* 1.52	2.03	* 0.8	9.2	16.4	* 179.9	5.76	263		
D * 6:58	* 9684.2	9683.5	9640.0	* 26.3	* 34.9	77	3700	1014	324	* 501	* 9.1	9.2	80.9	96.0	1.13	1.15	* 16	* 1.56	2.03	* 0.8	9.2	16.4	* 180.0	5.79	262		
D * 6:59	* 9685.1	9684.4	9642.0	* 35.2	* 34.9	77	3000	1010	326	* 577	* 9.1	9.2	81.0	96.5	1.13	1.15	* 16	* 1.45	2.03	* 0.8	9.2	16.4	* 181.6	5.81	262		
D * 7:1	* 9686.4	9685.6	9644.0	* 32.5	* 32.9	76	3600	1004	325	* 572	* 9.1	9.2	81.1	96.7	1.13	1.15	* 16	* 1.45	2.03	* 0.8	9.2	16.4	* 182.9	5.85	261		
D * 7:4	* 9687.0	9686.3	9646.0	* 14.9	* 33.9	76	3600	1010	330	* 568	* 9.1	9.2	80.9	97.1	1.13	1.14	* 16	* 1.70	2.03	* 0.8	9.2	16.4	* 183.6	5.90	261		
D * 7:6	* 9688.2	9687.5	9646.0	* 33.1	* 39.1	76	3600	1020	330	* 570	* 9.1	9.2	80.9	98.3	1.13	1.13	* 16	* 1.40	2.03	* 0.8	9.2	16.4	* 184.8	5.94	260		
D * 7:10	* 9689.2	9688.5	9650.0	* 16.2	* 34.9	76	3000	1023	327	* 560	* 9.1	9.2	81.0	99.3	1.13	1.12	* 15	* 1.70	2.03	* 0.8	9.2	16.4	* 185.8	6.00	259		
D * 7:11	* 9690.2	9689.5	9650.0	* 105.8	* 35.6	76	3600	1030	330	* 566	* 9.1	9.2	80.9	98.9	1.13	1.13	* 15	* .93	2.03	* 0.8	9.2	16.4	* 186.8	6.01	258		
D * 7:13	* 9691.0	9691.1	9652.0	* 38.9	* 35.7	76	3700	1052	325	* 566	* 9.1	9.2	81.1	98.7	1.13	1.14	* 15	* 1.40	2.03	* 0.8	9.2	16.4	* 188.4	6.05	257		
D * 7:15	* 9692.6	9691.9	9652.0	* 31.0	* 33.5	74	3000	1052	325	* 564	* 9.1	9.2	81.0	98.9	1.13	1.14	* 15	* 1.40	2.03	* 0.8	9.2	16.4	* 189.2	6.07	256		
D * 7:18	* 9693.1	9691.9	9652.0	* 31.0	* 35.0	76	3600	1052	330	* 560	* 9.1	9.1	81.0	99.1	1.13	1.16	* 15	* 1.40	2.03	* 0.8	9.2	16.4	* 189.2	6.12	256		
D * 7:21	* 9694.3	9693.4	9653.0	* 19.5	* 37.4	79	3700	1901	330	* 566	* 9.2	9.2	81.3	98.0	1.13	1.15	* 15	* 1.59	2.03	* 0.8	9.2	16.4	* 190.7	6.18	256		
D * 7:24	* 9695.1	9694.4	9654.0	* 20.4	* 35.0	77	2600	1091	330	* 566	* 9.2	9.2	81.2	98.0	1.13	1.15	* 15	* 1.52	2.03	* 0.8	9.2	16.4	* 191.7	6.22	256		
D * 7:26	* 9696.2	9695.5	9656.0	* 30.6	* 32.9	73	3500	1067	330	* 560	* 9.2	9.3	81.3	98.7	1.13	1.15	* 15	* 1.47	2.03	* 0.8	9.2	16.4	* 192.0	6.26	255		
D * 7:28	* 9697.1	9696.4	9656.0	* 28.1	* 30.5	63	2100	1911	330	* 566	* 9.2	9.3	81.4	99.1	1.13	1.15	* 15	* 1.42	2.03	* 0.8	9.2	16.4	* 193.7	6.29	254		
D * 7:29	* 9698.0	9697.5	9658.0	* 41.2	* 34.3	72	3500	1067	329	* 572	* 9.1	9.3	81.4	98.9	1.13	1.14	* 15	* 1.33	2.03	* 0.8	9.2	16.4	* 194.7	6.32	253		
D * 7:31	* 9699.4	9697.5	9659.0	* 41.2	* 33.4	72	3600	1062	329	* 572	* 9.2	9.3	81.5	98.0	1.13	1.15	* 15	* 1.33	2.03	* 0.8	9.2	16.4	* 194.7	6.35	253		
D * 7:32	* 9700.4	9699.7	9659.0	* 67.2	* 35.4	72	3500	1062	329	* 572	* 9.2	9.3	81.3	99.6	1.13	1.14	* 15	* 1.20	2.04	* 0.8	9.2	16.4	* 197.0	6.37	251		
D * 7:33	* 9701.1	9700.4	9659.0	* 44.3	* 36.4	74	3600	1067	330	* 574	* 9.2	9.3	81.5	99.7	1.14	1.13	* 15	* 1.35	2.04	* 0.8	9.2	16.4	* 197.7	6.38	251		
D * 7:35	* 9702.1	9701.4	9660.0	* 30.4	* 36.3	71	3400	1067	330	* 574	* 9.2	9.3	81.3	99.9	1.13	1.14	* 15	* 1.44	2.04	* 0.8	9.3	16.4	* 198.7	6.41	250		
D * 7:37	* 9703.3	9702.6	9660.0	* 43.1	* 35.0	72	3600	1062	325	* 574	* 9.2	9.2	81.5	100.0	1.14	1.14	* 15	* 1.37	2.04	* 0.8	9.2	16.4	* 199.8	6.44	249		
D * 7:39	* 9704.2	9703.5	9661.0	* 22.3	* 33.2	70	3500	1062	330	* 572	* 9.2	9.3	81.5	100.0	1.14	1.14	* 15	* 1.55	2.04	* 0.8	9.3	16.4	* 200.0	6.40	249		
D * 7:41	* 9705.1	9704.4	9663.0	* 23.9	* 31.7	71	3500	1062	330	* 572	* 9.2	9.3	81.6	100.4	1.14	1.14	* 15	* 1.50	2.04	* 0.8	9.2	16.4	* 201.7	6.52	248		
D * 7:43	* 9706.0	9706.1	9664.0	* 56.0	* 34.5	71	3500	1062	330	* 572	* 9.2	9.3	81.6	100.4	1.14	1.14	* 15	* 1.25	2.04	* 0.8	9.3	16.4	* 203.4	6.55	247		
D * 7:44	* 9707.1	9706.4	9664.0	* 18.2	* 34.9	1	200	1920	330	* 572	* 9.2	9.2	81.7	100.5	1.14	1.15	* 15	* 1.57	2.04	* 0.8	9.2	16.4	* 203.7	6.56	247		
D * 7:47	* 9708.0	9707.4	9666.0	* 20.2	* 35.2	73	3400	1067	329	* 572	* 9.2	9.3	81.8	100.0	1.14	1.15	* 15	* 1.53	2.04	* 0.8	9.2	16.4	* 204.6	6.61	246		
D * 7:49	* 9709.2	9707.4	9668.0	* 20.2	* 35.6	72	3500	1062	329	* 572	* 9.2	9.3	81.7	100.0	1.14	1.15	* 15	* 1.53	2.04	* 0.8	9.2	16.4	* 204.6	6.65	246		
D * 7:51	* 9710.0	9709.3	9668.0	* 36.8	* 34.1	73	3500	1062	329	* 572	* 9.1	9.2	81.9	100.0	1.14	1.14	* 15	* 1.40	2.04	* 0.8	9.2	16.4	* 206.6	6.60	245		
D * 7:54	* 9711.4	9709.3	9670.0	* 36.8	* 32.0	74	3600	1057	329	* 576	* 9.2	9.3	81.9	100.1	1.14	1.15	* 15	* 1.40	2.04	* 0.8	9.3	16.4	* 206.6	6.73	245		
D * 7:58	* 9712.1	9711.4	9675.0	* 9.9	* 31.6	76	3900	1001	329	* 577	* 9.2	9.3	82.0	99.7	1.14	1.15	* 15	* 1.00	2.04	* 10.1	9.3	16.8	* 208.7	6.79	245		
D * 8:1	* 9713.7	9711.4	9677.0	* 9.9	* 34.9	71	3300	1001	330	* 579	* 9.2	9.3	82.0	99.0	1.14	1.15	* 15	* 1.00	2.04	* 10.1	9.3	16.8	* 208.7	6.84	245		
D * 8:2	* 9714.2	9713.5	9677.0	* 37.1	* 36.3	0	-100	1010	334	* 579	* 9.2	9.3	82.0	99.0	1.14	1.16	* 15	* 1.33	2.04	* 0.8	9.3	16.4	* 210.0	6.86	243		
D * 8:9	* 9717.6	9716.9	9678.0	* 441.0	* 19.5	71	1000	1770	321	* 577	* 9.2	9.3	82.1	99.5	1.15	1.16	* 15	* .16	2.04	* 0.8	9.2	16.4	* 214.2	6.87	241		
D * 8:10	* 9718.0	9717.3	9679.0	* 10.6	* 33.4	73	3400	1004	324	* 593	* 9.1	9.2	82.0	99.2	1.15	1.16	* 15	* 1.57	2.04	* 0.8	9.2	16.4	* 214.6	6.89	241		
D * 8:11	* 9719.2	9718.5	9679.0	* 82.4	* 32.3	69	3200	1033	325	* 589	* 9.2	9.3	81.9	97.1	1.15	1.10	* 15	* 1.12	2.04	* 0.8	9.2	16.4	* 215.0	6.90	239		
D * 8:13	* 9720.6	9719.9	9679.0	* 44.5	* 33.1	66	3100	1030	325	* 501	* 9.2	9.3	82.0	98.7	1.15	1.16	* 15	* 1.29	2.04	* 0.8	9.2	16.4	* 217.1	6.93	238		

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