

* BIT # 28 SMITH F2 BIT DIAMETER : 8.50 inch NOZZ 14/14/ 0 MUD RHEOLOGICAL PARAMETERS : PV = 16 YP = 11 GEL = 3 *

* 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		* GCS	* NORM	* PF	* ECD	* FRAC	* FEET	* TIME	* COST		
* Hr:mn	* feet	* feet	* feet	* ft/h	* klbs	* rpm	* ftlb	* psi	* gpm	* bbls	* ppg	* degF		* ohm	* unit		* ppg	* ppg	* ppg	* feet	* Dhr	* \$			
D * 20:42	* 10197.1	10189.1	9902.0	* 26.0	* 25.3	65	2900	1131	312	* 576	* 9.5	9.7	70.8	89.4	1.36	1.31	* 7	* 1.49	2.12	* 9.7	9.7	16.8	* 1.1	.01	30582
D * 20:47	* 10198.2	10190.1	9902.0	* 16.8	* 36.2	63	3100	1693	303	* 501	* 9.5	9.8	70.4	89.8	1.36	1.33	* 7	* 1.55	2.12	* 9.7	9.7	16.8	* 2.2	.07	15536
D * 20:53	* 10199.1	10190.1	9902.0	* 16.8	* 21.4	63	3200	1693	307	* 613	* 9.5	9.7	69.6	91.4	1.36	1.33	* 7	* 1.55	2.12	* 9.7	9.7	16.8	* 2.2	.17	15536
D * 20:56	* 10200.1	10191.1	9902.0	* 8.5	* 27.6	62	3300	1693	307	* 619	* 9.6	9.7	69.7	91.8	1.36	1.33	* 7	* 1.63	2.12	* 9.7	9.7	16.8	* 3.1	.22	11043
D * 20:58	* 10201.1	10193.1	9902.0	* 30.1	* 28.9	64	3200	1693	307	* 621	* 9.5	9.6	69.8	92.6	1.36	1.34	* 7	* 1.33	2.12	* 9.7	9.7	16.8	* 5.1	.25	6777
D * 21: 0	* 10202.0	10194.0	9902.0	* 21.9	* 26.1	63	3300	1693	307	* 615	* 9.5	9.6	69.9	92.6	1.36	1.33	* 7	* 1.40	2.12	* 9.7	9.7	16.8	* 6.0	.30	5749
D * 21: 4	* 10203.0	10195.0	9902.0	* 16.9	* 29.1	62	3200	1690	307	* 615	* 9.5	9.5	69.9	92.5	1.36	1.34	* 7	* 1.40	2.12	* 9.7	9.7	16.8	* 7.0	.36	4968
D * 21:27	* 10204.3	10196.2	9903.0	* 7.5	* 29.7	62	3000	1647	303	* 611	* 9.5	9.1	71.2	92.2	1.33	1.36	* 7	* 1.71	2.12	* 9.7	9.7	16.8	* 8.3	.52	4288
D * 21:30	* 10205.1	10196.2	9903.0	* 7.5	* 33.9	62	3100	1651	303	* 613	* 9.5	9.2	71.5	92.8	1.32	1.34	* 7	* 1.71	2.12	* 9.7	9.7	16.8	* 8.3	.50	4288
D * 21:34	* 10206.1	10197.1	9904.0	* 13.6	* 31.6	62	3100	1656	304	* 613	* 9.5	9.3	71.7	92.8	1.32	1.35	* 7	* 1.61	2.12	* 9.7	9.7	16.8	* 9.1	.63	3923
D * 21:36	* 10207.0	10198.1	9904.0	* 18.1	* 31.6	67	3300	1651	303	* 613	* 9.5	9.4	72.0	93.2	1.31	1.35	* 7	* 1.54	2.12	* 9.7	9.7	16.8	* 10.1	.68	3554
D * 21:39	* 10208.0	10200.0	9904.0	* 22.6	* 34.8	62	3200	1656	307	* 615	* 9.5	9.3	72.2	92.5	1.31	1.36	* 7	* 1.49	2.12	* 9.7	9.7	16.8	* 12.0	.73	3010
D * 21:42	* 10209.1	10201.0	9904.0	* 20.1	* 34.1	63	3200	1656	303	* 617	* 9.5	9.3	72.4	92.8	1.30	1.36	* 7	* 1.51	2.12	* 9.7	9.7	16.8	* 13.1	.78	2785
D * 21:45	* 10210.1	10201.0	9904.0	* 20.1	* 29.5	62	3300	1651	312	* 615	* 9.5	9.4	72.6	92.3	1.29	1.37	* 7	* 1.51	2.12	* 9.7	9.7	16.8	* 13.1	.83	2785
D * 21:49	* 10211.2	10203.2	9905.0	* 17.1	* 32.2	61	3300	1656	307	* 613	* 9.5	9.4	72.9	93.3	1.29	1.36	* 7	* 1.54	2.12	* 9.7	9.7	16.8	* 15.2	.90	2421
D * 21:53	* 10212.2	10203.2	9905.0	* 17.1	* 30.4	62	3100	1661	307	* 615	* 9.5	9.4	73.0	92.7	1.28	1.40	* 7	* 1.54	2.12	* 9.7	9.7	16.8	* 15.2	.96	2421
D * 21:56	* 10213.0	10204.1	9905.0	* 15.6	* 33.6	65	3200	1661	307	* 619	* 9.5	9.1	73.2	93.4	1.28	1.39	* 7	* 1.56	2.12	* 9.7	9.7	16.8	* 16.2	1.00	2294
D * 22: 2	* 10214.0	10206.0	9916.0	* 9.4	* 34.3	62	3100	1661	306	* 617	* 9.5	9.2	73.4	92.8	1.28	1.37	* 6	* 1.74	2.12	* 9.7	9.7	16.8	* 18.0	1.11	2089
D * 22: 7	* 10215.0	10207.0	9984.0	* 12.7	* 35.5	63	3100	1656	307	* 615	* 9.5	9.2	73.7	92.2	1.28	1.38	* 6	* 1.66	2.12	* 9.7	9.7	16.8	* 19.0	1.19	1993
D * 22:13	* 10216.1	10207.0	10193.0	* 12.7	* 34.3	62	3200	1665	303	* 615	* 9.5	9.2	73.9	93.1	1.28	1.35	* 6	* 1.66	2.12	* 9.7	9.7	16.8	* 19.0	1.29	1993
D * 22:17	* 10217.0	10209.0	10198.0	* 13.7	* 34.0	63	3200	1665	307	* 607	* 9.5	9.3	73.9	92.8	1.27	1.34	* 7	* 1.62	2.12	* 9.7	9.7	16.8	* 21.0	1.36	1831
D * 22:21	* 10218.1	10210.1	10198.0	* 19.2	* 33.4	63	3200	1665	303	* 599	* 9.5	9.4	74.0	93.2	1.25	1.34	* 7	* 1.52	2.12	* 9.7	9.7	16.8	* 22.1	1.42	1750
D * 22:23	* 10219.0	10211.0	10199.0	* 18.5	* 34.7	64	3100	1670	307	* 599	* 9.5	9.4	74.1	93.1	1.25	1.35	* 7	* 1.52	2.12	* 9.7	9.7	16.8	* 23.0	1.47	1690
D * 22:27	* 10220.1	10212.1	10200.0	* 17.3	* 34.5	65	3200	1670	303	* 619	* 9.5	9.3	74.5	88.4	1.25	1.39	* 7	* 1.55	2.12	* 9.7	9.7	16.8	* 24.1	1.53	1622
D * 22:30	* 10221.0	10212.1	10202.0	* 17.3	* 33.6	62	3100	1665	307	* 623	* 9.5	9.3	74.5	92.3	1.25	1.33	* 7	* 1.55	2.12	* 9.7	9.7	16.8	* 24.1	1.58	1622
D * 22:32	* 10222.0	10214.0	10203.0	* 25.3	* 32.8	62	3300	1670	307	* 637	* 9.5	9.4	74.6	93.2	1.25	1.32	* 7	* 1.43	2.12	* 9.7	9.7	16.8	* 26.0	1.62	1516
D * 22:36	* 10223.2	10215.1	10203.0	* 20.3	* 32.7	62	3300	1670	307	* 637	* 9.5	9.4	74.7	93.6	1.25	1.33	* 7	* 1.49	2.12	* 9.7	9.7	16.8	* 27.2	1.67	1459
D * 22:40	* 10224.0	10216.0	10203.0	* 11.2	* 34.2	65	3300	1670	307	* 643	* 9.5	9.4	75.0	93.6	1.26	1.34	* 7	* 1.67	2.12	* 9.7	9.7	16.8	* 28.0	1.75	1425
D * 22:47	* 10225.5	10216.0	10203.0	* 11.2	* 31.8	62	3300	1675	307	* 639	* 9.5	9.3	75.3	93.7	1.27	1.36	* 7	* 1.67	2.12	* 9.7	9.7	16.8	* 28.0	1.86	1425
D * 22:50	* 10226.0	10218.0	10203.0	* 9.5	* 36.3	64	3300	1670	307	* 639	* 9.5	9.4	75.5	93.5	1.27	1.34	* 7	* 1.72	2.12	* 9.7	9.7	16.8	* 30.0	1.92	1352
D * 22:58	* 10227.1	10218.0	10205.0	* 9.5	* 33.6	62	3300	1670	307	* 639	* 9.5	9.4	75.8	94.0	1.28	1.33	* 7	* 1.72	2.12	* 9.7	9.7	16.8	* 30.0	2.04	1352
D * 23: 5	* 10228.0	10220.0	10207.0	* 8.4	* 36.6	63	3300	1670	303	* 637	* 9.5	9.3	76.1	94.1	1.28	1.32	* 7	* 1.76	2.12	* 9.7	9.7	16.8	* 32.0	2.15	1293
D * 23:10	* 10229.2	10221.1	10209.0	* 12.1	* 34.2	62	3200	1670	307	* 635	* 9.5	9.4	76.3	94.0	1.29	1.32	* 7	* 1.66	2.12	* 9.7	9.7	16.8	* 33.1	2.24	1259
D * 23:14	* 10230.2	10222.0	10210.0	* 13.5	* 31.9	62	3200	1670	307	* 635	* 9.5	9.4	76.6	93.8	1.29	1.31	* 7	* 1.60	2.12	* 9.7	9.7	16.8	* 34.0	2.31	1234
D * 23:18	* 10231.1	10223.0	10211.0	* 17.1	* 33.4	63	3200	1661	306	* 637	* 9.5	9.4	76.7	93.6	1.29	1.32	* 7	* 1.52	2.12	* 9.7	9.7	16.8	* 35.1	2.37	1203
D * 23:31	* 10232.0	10223.0	10213.0	* 17.1	* .0	61	3100	1620	303	* 635	* 9.5	9.4	77.1	93.2	1.30	1.30	* 7	* 1.52	2.12	* 9.7	9.7	16.8	* 35.1	2.38	1203
D * 23:31	* 10233.2	10225.1	10213.0	* 26.9	* 36.6	63	3000	1620	306	* 633	* 9.5	9.4	77.2	93.2	1.30	1.29	* 7	* 1.42	2.12	* 9.7	9.7	16.8	* 37.2	2.39	1137
D * 23:33	* 10234.1	10226.0	10214.0	* 26.6	* 38.4	61	3000	1620	302	* 631	* 9.5	9.4	77.2	93.4	1.30	1.29	* 7	* 1.42	2.12	* 9.7	9.7	16.8	* 38.1	2.42	1114
D * 23:38	* 10235.4	10227.4	10215.0	* 19.3	* 40.7	61	3100	1620	307	* 621	* 9.5	9.4	77.4	94.3	1.30	1.27	* 7	* 1.53	2.12	* 9.7	9.7	16.8	* 39.4	2.49	1082
D * 23:40	* 10236.1	10227.4	10215.0	* 19.3	* 35.1	60	3000	1623	306	* 623	* 9.5	9.4	77.4	94.5	1.30	1.29	* 7	* 1.53	2.12	* 9.7	9.7	16.8	* 39.4	2.53	1082
D * 23:47	* 10237.2	10229.1	10216.0	* 8.9	* 39.2	61	3000	1620	303	* 619	* 9.5	9.3	77.7	95.0	1.29	1.28	* 7	* 1.77	2.12	* 9.7	9.7	16.8	* 41.2	2.66	1050
D * 23:55	* 10238.1	10229.1	10219.0	* 8.9	* 35.7	64	3000	1620	303	* 615	* 9.5	9.3	78.0	95.1	1.29	1.28	* 7	* 1.77	2.12	* 9.7	9.7	16.8	* 41.2	2.70	1050
D * 0: 1	* 10239.0	10231.0	10221.0	* 9.4	* 38.2	61	3000	1620	303	* 615	* 9.5	9.4	78.3	94.9	1.29	1.26	* 7	* 1.75	2.12	* 9.7	9.7	16.8	* 43.0	2.80	1023
D * 0: 7	* 10240.1	10231.0	10223.0	* 9.4	* 36.0	61	3100	1620	307	* 613	* 9.5	9.4	78.6	95.3	1.29	1.25	* 7	* 1.75	2.12	* 9.7	9.7	16.8	* 43.0	2.99	1023
D * 0:15	* 10241.0	10232.0	10224.0	* 8.8	* 34.7	59	3100	1623	303	* 609	* 9.5	9.3	78.9	95.2	1.28	1.26	* 7	* 1.78	2.12	* 9.7	9.7	16.8	* 44.0	3.11	1009
D * 0:20	* 10242.0	10233.0	10225.0	* 7.7	* 35.7	59	3100	1623	303	* 613	* 9.5	9.3	79.2	94.5	1.29	1.26	* 7	* 1.83	2.12	* 10.4	9.7	17.0	* 45.0	3.19	998
D * 0:23	* 10243.1	10234.0	10226.0	* 12.8	* 35.5	62	3000	1614	307	* 609	* 9.5	9.3	79.2	95.0	1.28	1.27	* 7	* 1.65	2.12	* 9.7	9.7	16.8	* 46.0	3.25	982
D * 0:26	* 10244.1	10236.1	10226.0	* 21.3	* 36.																				