

\* BIT # 20 SMITH F2 BIT DIAMETER : 12.25 inch NGZZ 16/16/16

MUD RHEOLOGICAL PARAMETERS : PV = 13 YP = 14 GEL = 5

466509

* TIME	* MEASURED	* DEPTHS			* DRILLING PARAMETERS						* MUD PARAMETERS		* GAS		* OVERPRESSURE SURVEY				* ACCUMULATED ON BIT						
		* H:MM	* FEET	* FEET	* FEET	* ROP	* WOB	RPM	TORG	PRESS	FLOW	* PIT	* DENSITY	TEMPERATURE	RESISTIVITY	* GCS	NORM	PF	CCD	FRAC	* FEET	* TIME	* COST		
D * 15:32	* 7802.6	7801.2	7635.0	* 98.3	* 27.0	85	1000	1655	528	* 434	* 9.2	9.3	88.6	102.6	.75	.74	* 7	* .02	1.46	* 10.3	9.2	16.0	* 6.3	.04	4822
D * 15:33	* 7803.1	7801.8	7635.0	* 23.0	* 22.6	84	1700	1768	537	* 432	* 9.2	9.2	88.6	103.4	.75	.74	* 7	* 1.38	1.46	* 10.3	9.2	16.0	* 6.9	.06	4435
D * 15:36	* 7804.5	7801.8	7637.0	* 23.0	* 25.9	84	1800	1763	547	* 428	* 9.2	9.3	88.6	103.5	.75	.73	* 7	* 1.38	1.46	* 10.3	9.2	16.0	* 6.9	.10	4435
D * 15:36	* 7805.2	7803.2	7637.0	* 31.6	* 24.3	80	3100	1759	551	* 428	* 9.2	9.3	88.7	103.6	.75	.74	* 7	* 1.28	1.46	* 9.9	9.3	15.9	* 8.3	.11	3727
D * 15:38	* 7806.2	7804.8	7623.0	* 50.1	* 26.6	84	2600	1768	542	* 426	* 9.2	9.3	88.7	103.9	.75	.74	* 7	* 1.19	1.46	* 10.6	9.3	16.1	* 9.9	.13	3110
D * 15:39	* 7807.1	7805.7	7623.0	* 31.4	* 25.6	85	2600	1759	547	* 428	* 9.2	9.3	88.8	103.9	.75	.74	* 7	* 1.31	1.46	* 9.7	9.3	15.9	* 10.8	.16	2877
D * 15:41	* 7808.2	7806.9	7647.0	* 61.1	* 31.3	84	2900	1745	551	* 426	* 9.2	9.2	88.9	104.5	.75	.73	* 7	* 1.14	1.46	* 10.3	9.3	16.0	* 12.0	.18	2594
D * 15:42	* 7809.4	7808.1	7654.0	* 35.5	* 27.9	85	2700	1763	547	* 424	* 9.2	9.3	89.0	104.7	.75	.74	* 7	* 1.31	1.46	* 9.7	9.2	15.9	* 13.2	.21	2367
D * 15:44	* 7810.3	7808.7	7654.0	* 35.3	* 27.3	84	2800	1763	547	* 424	* 9.2	9.3	89.0	104.7	.75	.74	* 7	* 1.27	1.46	* 10.0	9.2	15.9	* 13.8	.23	2264
D * 15:44	* 7811.5	7808.7	7654.0	* 35.3	* 27.6	86	2900	1763	550	* 424	* 9.2	9.3	89.0	105.0	.75	.74	* 7	* 1.27	1.46	* 10.0	9.2	15.9	* 13.8	.24	2264
D * 15:45	* 7812.2	7810.9	7661.0	* 44.2	* 23.5	85	2700	1763	542	* 422	* 9.2	9.2	89.0	105.0	.75	.73	* 7	* 1.19	1.46	* 10.6	9.2	16.1	* 16.0	.26	1959
D * 15:46	* 7813.1	7811.7	7661.0	* 64.8	* 30.0	85	2900	1763	547	* 420	* 9.2	9.2	89.1	104.9	.75	.73	* 7	* 1.18	1.46	* 10.3	9.2	16.0	* 16.8	.27	1868
D * 15:48	* 7814.4	7813.1	7661.0	* 49.8	* 32.0	84	2800	1759	547	* 422	* 9.2	9.3	89.3	105.4	.75	.74	* 7	* 1.20	1.46	* 10.5	9.2	16.1	* 18.2	.30	1736
D * 15:49	* 7815.5	7813.1	7666.0	* 49.8	* 27.9	85	2700	1768	546	* 422	* 9.2	9.2	89.5	104.9	.75	.74	* 7	* 1.20	1.46	* 10.5	9.2	16.1	* 18.2	.33	1736
D * 15:50	* 7816.2	7814.9	7666.0	* 67.7	* 24.9	83	2600	1763	547	* 422	* 9.2	9.2	89.6	105.1	.75	.74	* 7	* 1.18	1.46	* 10.3	9.2	16.0	* 20.0	.34	1586
D * 15:53	* 7817.9	7816.5	7671.0	* 42.9	* 26.1	83	2800	1768	551	* 420	* 9.2	9.3	89.7	105.2	.75	.74	* 7	* 1.23	1.46	* 10.3	9.2	16.0	* 21.6	.38	1470
D * 15:53	* 7818.1	7816.7	7671.0	* 51.3	* 32.4	82	2900	1768	556	* 422	* 9.2	9.3	89.7	105.2	.75	.73	* 7	* 1.20	1.46	* 10.6	9.2	16.1	* 21.8	.38	1458
D * 15:54	* 7819.0	7817.7	7659.0	* 44.5	* 27.6	84	2700	1759	547	* 418	* 9.2	9.2	89.9	106.0	.75	.73	* 7	* 1.23	1.46	* 10.3	9.2	16.0	* 22.8	.40	1400
D * 15:56	* 7820.2	7817.7	7659.0	* 44.5	* 26.0	85	2700	1768	547	* 418	* 9.2	9.2	90.1	105.4	.75	.74	* 7	* 1.23	1.46	* 10.3	9.3	16.0	* 22.8	.43	1400
D * 15:58	* 7821.8	7820.5	7679.0	* 48.7	* 28.8	84	2700	1763	547	* 420	* 9.2	9.3	90.1	105.5	.74	.74	* 26	* 1.21	1.46	* 10.4	9.2	16.0	* 25.6	.47	1255
D * 15:59	* 7822.3	7820.5	7679.0	* 48.7	* 30.5	85	2800	1759	548	* 420	* 9.2	9.2	90.3	106.1	.74	.73	* 20	* 1.21	1.46	* 10.4	9.3	16.0	* 25.6	.48	1255
D * 16: 0	* 7823.3	7822.0	7688.0	* 53.7	* 28.7	85	2700	1759	547	* 418	* 9.2	9.3	90.3	106.0	.74	.73	* 10	* 1.18	1.46	* 10.7	9.2	16.1	* 27.1	.50	1190
D * 16: 1	* 7824.1	7822.8	7688.0	* 53.7	* 23.1	85	2600	1759	547	* 422	* 9.2	9.4	90.5	105.6	.74	.74	* 7	* 1.18	1.46	* 10.7	9.2	16.1	* 27.1	.53	1190
D * 16: 3	* 7825.1	7822.8	7675.0	* 28.3	* 25.4	85	2700	1763	542	* 420	* 9.2	9.3	90.6	105.9	.74	.73	* 7	* 1.32	1.46	* 9.6	9.3	15.8	* 27.9	.55	1161
D * 16: 5	* 7826.3	7825.0	7701.0	* 45.1	* 28.4	84	2700	1759	547	* 422	* 9.2	9.3	90.8	106.0	.74	.73	* 7	* 1.18	1.46	* 10.7	9.3	16.1	* 30.1	.58	1082
D * 16: 7	* 7827.5	7826.1	7696.0	* 24.8	* 24.3	89	2700	1754	542	* 422	* 9.2	9.4	91.0	106.4	.74	.73	* 7	* 1.32	1.46	* 9.6	9.2	15.8	* 31.2	.63	1047
D * 16: 9	* 7828.3	7826.9	7696.0	* 37.6	* 24.1	84	2700	1759	546	* 420	* 9.2	9.3	91.1	106.7	.74	.73	* 7	* 1.21	1.46	* 10.5	9.3	16.1	* 32.0	.65	1024
D * 16:25	* 7830.1	7828.5	7731.0	* 39.4	* 22.5	92	3100	1682	528	* 436	* 9.2	9.3	92.3	106.8	.72	.74	* 7	* 1.13	1.46	* 10.2	9.3	16.0	* 33.6	.69	980
D * 16:25	* 7831.0	7829.7	7734.0	* 103.8	* 31.2	91	3000	1664	538	* 434	* 9.2	9.4	92.3	105.9	.72	.74	* 7	* 1.03	1.46	* 10.2	9.2	16.0	* 34.8	.70	948
D * 16:28	* 7832.3	7830.9	7736.0	* 28.2	* 20.8	92	3100	1678	533	* 426	* 9.2	9.4	92.4	106.5	.72	.74	* 7	* 1.36	1.46	* 9.4	9.3	15.8	* 36.0	.74	919
D * 16:29	* 7833.2	7831.9	7736.0	* 67.1	* 26.8	92	3300	1673	533	* 424	* 9.2	9.3	92.4	107.4	.72	.73	* 7	* 1.12	1.46	* 10.2	9.2	16.0	* 37.0	.76	897
D * 16:30	* 7834.1	7832.7	7736.0	* 59.3	* 31.6	90	3200	1682	535	* 422	* 9.2	9.3	92.4	107.2	.72	.73	* 7	* 1.19	1.46	* 10.6	9.2	16.1	* 37.9	.77	876
D * 16:31	* 7835.1	7832.7	7723.0	* 59.3	* 27.2	92	3200	1678	537	* 420	* 9.2	9.4	92.4	106.5	.72	.74	* 7	* 1.19	1.46	* 10.6	9.3	16.1	* 37.9	.79	876
D * 16:32	* 7836.3	7835.0	7723.0	* 54.7	* 25.3	96	3200	1682	533	* 418	* 9.2	9.3	92.5	106.9	.72	.73	* 7	* 1.17	1.46	* 10.8	9.2	16.1	* 40.1	.82	834
D * 16:33	* 7837.1	7835.8	7723.0	* 54.7	* 27.2	93	3200	1678	532	* 416	* 9.2	9.3	92.5	107.0	.72	.73	* 7	* 1.17	1.46	* 10.8	9.3	16.1	* 40.1	.83	834
D * 16:35	* 7838.5	7837.1	7743.0	* 42.4	* 27.5	91	3300	1678	533	* 414	* 9.2	9.4	92.5	107.1	.72	.73	* 7	* 1.24	1.46	* 10.3	9.2	16.0	* 42.2	.87	795
D * 16:37	* 7839.3	7838.0	7752.0	* 29.4	* 26.6	92	3100	1682	533	* 416	* 9.2	9.3	92.6	106.6	.73	.74	* 7	* 1.33	1.46	* 9.5	9.2	15.8	* 43.1	.89	782
D * 16:38	* 7840.1	7838.8	7752.0	* 87.3	* 29.6	91	3200	1687	536	* 412	* 9.2	9.3	92.6	106.6	.72	.74	* 7	* 1.03	1.46	* 10.2	9.2	16.0	* 43.9	.90	769
D * 16:40	* 7841.7	7839.8	7759.0	* 87.3	* 20.9	92	3200	1682	533	* 412	* 9.2	9.4	92.8	107.3	.73	.73	* 7	* 1.03	1.46	* 10.2	9.2	16.0	* 43.9	.93	769
D * 16:41	* 7842.3	7840.3	7759.0	* 46.1	* 27.9	94	3100	1678	533	* 412	* 9.2	9.4	92.9	107.3	.72	.73	* 7	* 1.25	1.46	* 10.1	9.2	16.0	* 45.4	.96	745
D * 16:43	* 7843.5	7842.1	7762.0	* 37.5	* 30.4	91	3300	1687	537	* 410	* 9.2	9.4	93.0	107.7	.73	.73	* 7	* 1.29	1.46	* 9.9	9.2	15.9	* 47.2	.99	721
D * 16:44	* 7844.1	7842.7	7762.0	* 37.0	* 27.9	92	3200	1642	533	* 410	* 9.2	9.3	93.0	108.1	.73	.73	* 7	* 1.29	1.46	* 9.9	9.2	15.9	* 47.8	1.01	713
D * 16:46	* 7845.2	7843.9	7766.0	* 42.8	* 30.2	93	3300	1687	528	* 412	* 9.2	9.4	93.0	107.5	.72	.74	* 7	* 1.24	1.46	* 10.3	9.2	16.0	* 49.0	1.03	698
D * 16:47	* 7846.0	7844.7	7766.0	* 41.2	* 29.6	94	3300	1687	533	* 412	* 9.2	9.3	93.1	107.0	.73	.74	* 7	* 1.26	1.46	* 10.1	9.3	16.0	* 49.8	1.05	688
D * 16:48	* 7847.4	7844.7	7762.0	* 41.2	* 29.5	91	3000	1682	534	* 412	* 9.2	9.3	93.3	107.4	.73	.74	* 7	* 1.26	1.46	* 10.1	9.3	16.0	* 49.8	1.07	688
D * 16:49	* 7848.1	7846.8	7762.0	* 70.9	* 28.4	94	3300	1691	528	* 418	* 9.2	9.3	93.3	107.2	.73	.74	* 7	* 1.14	1.46	* 10.2	9.2	16.0	* 51.9	1.08	662
D * 16:50	* 7849.2	7846.8	7762.0	* 70.9	* 28.2	92	2700	1678	533	* 408	* 9.2	9.3	93.4	107.3	.73	.74	* 7	* 1.14	1.46	* 10.2	9.2	16.0	* 51.9	1.11	662
D * 16:51	* 7850.1	7848.7	7784.0	* 36.1	* 27.2	91	2400	1691	538	* 408	* 9.2	9.3	93.4	107.1	.73	.74	* 7	* 1.28	1.46	* 10.8	9.3	15.9	* 53.8	1.13	642
D * 16:53	*																								