* BIT # 29   SMITH F3   BIT DIAMETER :   8.50 inch   NOZZ 13/13/ 0   MUD RHEOLOGICAL PARAMETERS : PV = 17 YP = 12 GEL = 3 *

D	TIME	DEPTHS MEASURED	VERTCL	LAGGED	ROP	WOB	RPM	TORQ	PRESS	FLOW IN	PIT VOL	DENSITY IN	OUT	TEMPERATURE IN	OUT	RESISTIVITY IN	OUT	GAS unit	DCS	NORM	PF	ECD	FRAC	ACCUMULATED ON BIT FEET	TIME	COST
	Hr:mn	feet	feet	feet	ft/h	klbs	rpm	ftlb	psi	gpm	bbls	ppg	ppg	degF	degF	ohmm	ohmm	unit			ppg	ppg	ppg	feet	DHr	$
D	9:41	10500.0	10492.0	10483.0	12.1	31.2	76	3000	2402	329	554	9.4	9.7	89.3	104.5	1.25	1.24	7	1.59	2.17	8.6	9.6	16.6	132.6	11.07	558
D	9:47	10501.2	10493.2	10484.0	11.2	30.4	76	2900	2406	334	554	9.5	9.7	89.3	104.9	1.25	1.24	7	1.60	2.17	8.6	9.7	16.6	133.8	11.17	556
D	9:55	10502.1	10494.1	10486.0	6.8	32.4	72	2800	2406	331	556	9.4	9.6	89.4	104.7	1.25	1.24	7	1.76	2.17	8.6	9.6	16.6	134.7	11.25	554
D	10: 3	10503.1	10495.0	10487.0	7.2	31.2	72	3100	2392	329	554	9.5	9.6	89.5	104.2	1.25	1.24	7	1.75	2.17	8.6	9.6	16.6	135.7	11.38	554
D	10:14	10504.1	10496.0	10489.0	6.8	31.8	73	3100	2388	334	554	9.5	9.7	89.6	105.1	1.25	1.25	7	1.73	2.17	8.6	9.7	16.6	136.6	11.53	554
D	10:19	10505.0	10497.0	10490.0	10.5	29.1	75	3300	2388	329	556	9.4	9.6	89.6	105.1	1.25	1.25	7	1.64	2.17	8.6	9.6	16.6	137.6	11.62	552
D	10:26	10506.1	10498.0	10493.0	9.5	27.6	74	3200	2350	329	552	9.5	9.7	89.6	105.1	1.25	1.25	7	1.66	2.17	8.6	9.6	16.6	138.7	11.73	551
D	10:29	10507.3	10499.2	10494.0	24.7	31.6	74	3000	2345	325	554	9.5	9.7	89.6	104.5	1.25	1.25	7	1.38	2.17	8.6	9.6	16.6	139.7	11.78	548
D	10:36	10508.2	10499.2	10496.0	24.7	24.1	74	3000	2355	329	554	9.5	9.7	89.6	105.4	1.25	1.23	7	1.38	2.17	8.6	9.7	16.6	139.8	11.90	548
D	10:40	10509.0	10501.0	10496.0	12.3	32.7	73	3000	2350	329	552	9.5	9.6	89.7	105.1	1.25	1.24	7	1.61	2.17	8.6	9.7	16.6	141.6	11.97	546
D	10:49	10510.1	10502.1	10497.0	7.1	33.3	72	3200	2350	329	556	9.5	9.7	89.7	104.4	1.25	1.25	7	1.70	2.17	8.6	9.7	16.6	142.7	12.12	545
D	10:55	10511.1	10503.0	10499.0	10.0	29.0	72	3100	2350	329	558	9.4	9.7	89.7	104.7	1.25	1.25	7	1.66	2.17	8.6	9.6	16.6	143.6	12.22	544
D	11: 0	10512.0	10504.0	10499.0	12.1	30.0	72	3200	2355	329	558	9.5	9.7	89.8	105.4	1.25	1.24	7	1.60	2.17	8.6	9.7	16.6	144.6	12.30	542
D	11: 6	10513.1	10505.0	10500.0	10.9	35.2	72	3100	2360	330	558	9.4	9.7	89.8	105.1	1.25	1.24	7	1.63	2.17	8.6	9.6	16.6	145.7	12.39	541
D	11: 7	10514.1	10505.0	10501.0	10.9	28.4	0	-200	2364	329	558	9.5	9.7	89.9	104.9	1.25	1.25	7	1.63	2.17	8.6	9.6	16.6	145.7	12.41	541
D	11:11	10515.0	10506.0	10501.0	52.7	33.2	73	2000	2364	329	572	9.5	9.7	89.9	104.2	1.25	1.25	7	1.03	2.17	8.6	9.6	16.6	146.7	12.42	538
D	11:12	10516.0	10508.0	10501.0	52.1	31.4	72	2000	2364	329	568	9.4	9.7	89.8	104.4	1.25	1.25	7	1.19	2.17	8.6	9.6	16.6	148.6	12.44	531
D	11:20	10517.0	10508.0	10502.0	52.1	30.0	71	2900	2364	329	554	9.5	9.7	89.8	103.8	1.25	1.27	7	1.19	2.17	8.6	9.7	16.6	148.6	12.50	531
D	11:26	10518.0	10510.0	10502.0	8.9	32.7	77	3000	2364	329	554	9.5	9.7	89.7	104.5	1.25	1.24	7	1.69	2.17	8.6	9.7	16.6	150.6	12.61	529
D	11:35	10519.2	10511.0	10504.0	7.7	36.5	72	3000	2369	330	558	9.5	9.7	89.6	105.2	1.25	1.24	7	1.75	2.17	8.6	9.7	16.6	151.7	12.76	528
D	11:45	10520.1	10512.0	10505.0	5.8	35.1	73	2900	2369	334	546	9.5	9.7	89.7	104.9	1.25	1.24	7	1.83	2.17	8.6	9.7	16.6	152.7	12.90	528
D	11:51	10521.0	10513.0	10507.0	9.6	34.3	75	3100	2374	330	550	9.5	9.7	89.7	104.7	1.25	1.25	7	1.68	2.17	8.6	9.7	16.6	153.6	12.99	527
D	11:57	10522.2	10513.0	10507.0	9.6	32.6	74	3000	2369	330	550	9.4	9.7	89.8	105.3	1.25	1.24	7	1.68	2.17	8.6	9.6	16.6	153.6	13.09	527
D	12: 3	10523.2	10515.2	10508.0	9.1	34.2	72	3000	2355	329	548	9.5	9.8	89.8	105.5	1.25	1.24	7	1.70	2.17	8.6	9.6	16.6	155.0	13.20	525
D	12: 9	10524.1	10515.2	10509.0	9.1	30.1	72	3000	2355	330	548	9.4	9.7	90.0	104.9	1.25	1.25	7	1.70	2.17	8.6	9.6	16.6	155.8	13.29	525
D	12:12	10525.1	10517.0	10510.0	17.2	31.2	74	3200	2350	330	548	9.5	9.7	90.0	104.6	1.25	1.25	7	1.49	2.17	8.6	9.6	16.6	157.6	13.35	522
D	12:18	10526.1	10518.0	10511.0	9.7	33.8	72	3100	2350	329	548	9.5	9.8	90.0	104.7	1.25	1.25	7	1.68	2.17	8.6	9.7	16.6	158.6	13.45	521
D	12:21	10527.2	10519.1	10511.0	21.5	32.6	76	3000	2345	330	550	9.5	9.7	89.9	104.5	1.25	1.26	7	1.44	2.17	8.6	9.7	16.6	159.7	13.50	519
D	12:25	10528.0	10520.0	10512.0	13.8	35.5	71	3200	2350	328	546	9.5	9.7	89.9	104.7	1.25	1.24	7	1.57	2.17	8.6	9.7	16.6	160.6	13.56	517
D	12:31	10529.2	10521.2	10514.0	12.9	33.8	71	3200	2355	329	548	9.4	9.7	89.8	104.7	1.25	1.25	7	1.60	2.17	8.6	9.6	16.6	161.8	13.65	515
D	12:35	10530.0	10522.0	10516.0	10.9	32.8	71	3200	2355	329	546	9.5	9.7	89.7	104.3	1.25	1.24	7	1.64	2.17	8.6	9.7	16.6	162.6	13.73	515
D	12:38	10531.2	10523.1	10516.0	24.6	32.8	71	3200	2355	329	548	9.5	9.7	89.8	105.1	1.26	1.24	7	1.38	2.17	8.6	9.6	16.6	163.7	13.77	512
D	12:41	10532.2	10524.2	10516.0	23.3	33.9	72	3200	2355	329	550	9.4	9.7	89.7	105.2	1.26	1.25	7	1.41	2.17	8.6	9.6	16.6	164.8	13.82	510
D	12:44	10533.1	10525.0	10517.0	14.4	36.9	71	3200	2360	325	550	9.5	9.7	89.7	105.2	1.26	1.24	7	1.56	2.17	8.6	9.6	16.6	165.6	13.87	508
D	12:47	10534.1	10525.0	10518.0	14.4	29.1	71	3000	2369	329	550	9.5	9.7	89.6	105.3	1.25	1.24	7	1.56	2.17	8.6	9.6	16.6	165.6	13.93	508
D	12:54	10535.0	10527.0	10519.0	7.8	36.3	71	3000	2360	328	546	9.5	9.7	89.7	105.2	1.26	1.26	7	1.77	2.17	8.6	9.7	16.6	167.6	14.05	506
D	13: 3	10536.1	10528.1	10519.0	7.3	28.5	71	3200	2369	329	546	9.4	9.7	89.8	105.5	1.26	1.25	7	1.78	2.17	8.6	9.6	16.6	168.7	14.19	506
D	13: 9	10537.1	10529.0	10520.0	10.4	32.4	71	3200	2364	329	544	9.5	9.7	89.8	105.1	1.26	1.24	7	1.65	2.17	8.6	9.6	16.6	169.6	14.29	505
D	13:12	10538.2	10530.1	10521.0	19.8	34.6	71	2900	2369	334	542	9.4	9.7	89.9	105.8	1.26	1.24	7	1.48	2.18	8.6	9.6	16.6	170.7	14.34	503
D	13:19	10539.0	10531.0	10522.0	7.8	28.1	71	3100	2360	329	554	9.5	9.7	90.0	104.3	1.26	1.26	7	1.74	2.18	8.6	9.6	16.6	171.6	14.46	503
D	13:25	10540.0	10532.0	10523.0	10.1	31.9	72	3000	2369	329	556	9.5	9.8	90.0	105.1	1.25	1.24	7	1.66	2.18	8.6	9.7	16.6	172.6	14.55	502
D	13:33	10541.0	10533.0	10525.0	7.3	34.3	71	3200	2378	329	556	9.4	9.7	90.0	104.8	1.26	1.26	7	1.76	2.18	8.6	9.6	16.6	173.6	14.69	502
D	13:40	10542.0	10534.0	10526.0	8.8	37.5	72	3200	2378	329	558	9.6	9.7	90.1	105.0	1.26	1.25	7	1.78	2.18	8.6	9.8	16.6	174.6	14.80	502
D	13:44	10543.1	10535.0	10527.0	15.9	31.7	72	3100	2364	329	558	9.6	9.8	90.1	105.5	1.26	1.25	7	1.51	2.18	8.6	9.8	16.6	175.7	14.87	500
D	13:50	10544.2	10536.1	10529.0	10.2	34.6	72	3100	2369	330	556	9.6	9.7	90.1	105.4	1.26	1.25	7	1.64	2.18	8.6	9.8	16.6	176.7	14.97	499
D	13:57	10545.0	10537.0	10531.0	7.3	29.9	72	3200	2364	334	558	9.6	9.7	90.2	105.5	1.26	1.25	7	1.73	2.18	8.6	9.8	16.6	177.6	15.09	499
D	14: 5	10546.0	10538.0	10533.0	7.8	31.1	72	3200	2374	334	556	9.6	9.7	90.3	105.6	1.26	1.24	7	1.71	2.18	8.6	9.8	16.6	178.6	15.22	499
D	14:11	10547.2	10539.1	10534.0	11.2	29.7	73	3100	2378	329	552	9.6	9.8	90.3	104.7	1.26	1.26	7	1.61	2.18	8.6	9.8	16.6	179.7	15.32	498
D	14:36	10548.7	10539.1	10538.0	11.2	32.5	72	2200	2388	321	564	9.6	9.8	90.1	103.4	1.26	1.26	7	1.61	2.18	8.6	9.8	16.6	179.7	15.57	498

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