* BIT # 23   SMITH SDGH   BIT DIAMETER :   8.50 inch   NOZZ 13/13/13

MUD RHEOLOGICAL PARAMETERS : PV = 14   YP = 12   GEL = 4

466549

	TIME	DEPTHS MEASURED	VERTCL	LAGGED	ROP	WOB	DRILLING PARAMETERS RPM	TORQ	PRESS	FLOW IN	PIT VOL	DENSITY IN	OUT	MUD PARAMETERS TEMPERATURE IN	OUT	RESISTIVITY IN	OUT	GAS DCS	NORM	OVERPRESSURE SURVEY 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 *	5:25	8957.1	9065.1	8388.0	90.5	27.4	55	1600	1473	347	416	9.1	9.2	74.3	91.5	.77	.79	7	.98	1.56	10.0	9.1	16.3	35.1	.24	696
D *	5:25	8958.7	9066.7	8388.0	298.1	26.5	54	1600	1460	351	416	9.1	9.2	74.3	91.5	.77	.79	7	.62	1.56	10.0	9.1	16.3	36.7	.24	666
D *	5:25	8959.1	9066.7	8388.0	298.1	26.5	54	1600	1460	351	416	9.1	9.2	74.3	91.5	.77	.79	7	.93	1.56	10.0	9.1	16.3	37.1	.25	668
D *	5:26	8960.4	9068.4	8388.0	185.7	24.9	56	1500	1460	347	416	9.1	9.2	74.3	91.5	.76	.79	7	.74	1.56	10.0	9.1	16.3	38.4	.25	638
D *	5:26	8961.8	9069.8	8388.0	152.5	26.1	54	1500	1460	347	416	9.1	9.2	74.3	91.4	.76	.79	7	.79	1.56	10.0	9.1	16.3	39.0	.26	616
D *	5:27	8963.9	9070.8	8388.0	117.1	25.3	54	1500	1470	351	416	9.1	9.2	74.4	91.5	.77	.80	7	.88	1.56	10.0	9.1	16.3	40.8	.27	601
D *	5:27	8965.7	9073.7	8388.0	424.0	22.3	55	1600	1470	347	416	9.1	9.2	74.4	91.6	.77	.79	7	.48	1.56	10.0	9.1	16.3	43.7	.28	563
D *	5:27	8966.6	9074.6	8388.0	168.7	25.5	55	1600	1459	347	416	9.1	9.2	74.5	91.6	.76	.80	7	.76	1.56	10.0	9.1	16.3	44.6	.28	552
D *	5:28	8967.3	9074.6	8388.0	168.7	25.3	54	1700	1460	347	414	9.1	9.2	74.4	91.6	.76	.80	7	.76	1.56	10.0	9.1	16.3	44.6	.29	552
D *	5:28	8968.4	9076.4	8388.0	296.8	24.4	57	1900	1487	351	414	9.1	9.2	74.5	91.6	.77	.81	7	.59	1.56	10.0	9.1	16.3	46.4	.29	531
D *	5:28	8969.1	9076.4	8388.0	296.8	22.9	54	1900	1492	351	414	9.1	9.2	74.5	91.6	.76	.79	7	.59	1.56	10.0	9.1	16.3	46.4	.30	531
D *	5:29	8970.7	9078.4	8388.0	175.9	21.7	56	1900	1492	347	414	9.1	9.2	74.5	91.8	.76	.80	7	.72	1.56	10.0	9.1	16.3	48.4	.30	516
D *	5:29	8971.8	9079.8	8388.0	388.1	25.9	55	1900	1487	347	414	9.1	9.2	74.5	91.8	.76	.80	7	.53	1.56	10.0	9.1	16.3	49.0	.31	496
D *	5:29	8972.1	9080.1	8388.0	92.5	24.1	55	1800	1487	347	414	9.1	9.2	74.5	91.9	.77	.80	7	.94	1.56	10.0	9.1	16.3	50.1	.31	493
D *	5:30	8973.2	9081.1	8388.0	96.2	28.5	54	2000	1492	351	414	9.1	9.2	74.5	91.9	.77	.81	7	.93	1.56	10.0	9.1	16.3	51.1	.32	483
D *	5:31	8975.0	9082.2	8388.0	72.4	26.2	54	1900	1492	351	414	9.1	9.2	74.5	91.8	.77	.80	7	.99	1.56	10.0	9.1	16.3	52.2	.34	475
D *	5:31	8975.3	9082.2	8388.0	72.4	21.3	54	1600	1492	348	414	9.1	9.2	74.5	91.8	.77	.81	7	.99	1.56	10.0	9.1	16.3	52.2	.34	475
D *	6:8	8976.2	9084.1	8389.0	39.8	19.0	52	1500	1318	338	376	9.1	9.0	75.8	93.1	.76	.72	7	.98	1.56	10.0	9.1	16.3	54.1	.36	459
D *	6:9	8977.8	9085.8	8390.0	65.1	17.6	52	100	1332	343	376	9.1	9.1	75.8	91.1	.77	.71	7	.93	1.56	10.0	9.1	16.3	55.8	.37	448
D *	6:16	8978.3	9086.2	8390.0	29.5	20.9	52	1500	1435	351	376	9.1	9.1	75.7	91.2	.78	.68	7	1.06	1.56	10.0	9.1	16.3	56.2	.40	445
D *	6:16	8979.5	9086.2	8390.0	29.5	21.7	52	1500	1426	351	392	9.1	9.1	75.8	91.4	.77	.67	7	1.06	1.56	10.0	9.1	16.3	56.2	.41	445
D *	6:16	8980.4	9088.4	8390.0	516.0	20.4	52	1500	1403	351	390	9.1	9.1	75.7	91.5	.78	.66	7	.39	1.56	10.0	9.1	16.3	58.4	.41	429
D *	6:17	8981.0	9088.4	8390.0	516.0	19.6	54	1500	1431	356	388	9.1	9.1	75.8	91.0	.78	.66	7	.39	1.56	10.0	9.1	16.3	58.4	.42	429
D *	6:17	8982.1	9090.1	8390.0	153.3	23.9	52	1500	1445	356	388	9.1	9.1	75.8	90.9	.78	.65	7	.71	1.56	10.0	9.1	16.3	60.1	.42	418
D *	6:18	8984.0	9092.0	8390.0	217.4	19.6	52	1400	1450	353	388	9.1	9.1	75.7	90.6	.77	.65	7	.62	1.56	10.0	9.1	16.3	62.0	.43	405
D *	6:18	8985.3	9093.3	8390.0	144.5	16.7	52	1400	1431	351	388	9.1	9.1	75.7	89.7	.77	.66	7	.70	1.56	10.0	9.1	16.3	63.3	.44	397
D *	6:18	8986.2	9094.1	8390.0	90.3	17.1	55	1500	1450	356	384	9.1	9.1	75.7	89.6	.78	.63	7	.81	1.56	10.0	9.1	16.3	64.1	.44	393
D *	6:19	8987.4	9095.4	8390.0	175.8	21.5	53	1500	1426	356	384	9.1	9.1	75.7	90.8	.78	.62	7	.69	1.56	10.0	9.1	16.3	65.4	.45	385
D *	6:19	8988.6	9096.2	8390.0	109.8	19.8	54	1500	1445	373	384	9.1	9.1	75.7	92.1	.78	.60	7	.81	1.56	10.0	9.1	16.3	66.2	.46	381
D *	6:20	8989.0	9096.2	8390.0	109.8	20.6	52	1500	1445	356	384	9.1	9.2	75.8	92.4	.78	.60	7	.81	1.56	10.0	9.1	16.3	66.2	.46	381
D *	6:21	8990.2	9098.2	8390.0	66.5	21.0	52	1500	1450	351	382	9.1	9.2	75.8	93.4	.78	.59	7	.92	1.56	10.0	9.1	16.3	68.2	.48	371
D *	6:22	8991.3	9099.3	8390.0	55.8	21.0	52	1500	1440	352	380	9.1	9.2	75.8	94.0	.77	.59	7	.99	1.56	10.0	9.1	16.3	69.3	.50	366
D *	6:23	8992.2	9099.3	8390.0	55.8	21.2	52	1500	1445	356	378	9.1	9.1	75.8	96.7	.77	.61	7	.99	1.56	10.0	9.1	16.3	69.3	.52	366
D *	6:24	8993.5	8990.0	8390.0	48.2	22.9	53	1500	1440	356	378	9.1	9.1	75.8	97.3	.77	.62	7	1.09	1.56	10.0	9.1	16.3	70.2	.53	362
D *	6:25	8995.1	8992.9	8392.0	589.1	22.9	51	1700	1450	351	376	9.1	9.1	75.8	97.1	.78	.62	7	.34	1.55	10.0	9.1	16.3	73.1	.54	349
D *	6:25	8996.1	8993.9	8392.0	280.7	25.4	51	1600	1435	351	376	9.1	9.1	75.8	97.1	.77	.62	7	.56	1.55	10.0	9.1	16.3	74.1	.54	344
D *	6:25	8997.5	8993.9	8392.0	280.7	21.6	51	1600	1445	356	376	9.1	9.0	75.9	97.1	.77	.63	7	.56	1.55	10.0	9.1	16.3	74.1	.55	344
D *	6:26	9000.2	8996.9	8392.0	225.6	17.6	55	1600	1459	356	376	9.1	9.0	75.9	97.1	.76	.63	6	.57	1.55	10.0	9.1	16.3	77.1	.55	332
D *	6:26	9002.0	8999.7	8392.0	246.8	19.6	55	1700	1459	351	376	9.1	9.0	76.0	97.0	.75	.63	6	.58	1.55	10.0	9.1	16.3	79.9	.56	328
D *	6:26	9002.8	9000.6	8392.0	234.4	23.2	54	1600	1440	353	376	9.1	9.0	76.0	96.6	.75	.63	6	.59	1.55	10.0	9.1	16.3	80.8	.57	317
D *	6:27	9003.7	9001.5	8376.0	100.9	20.9	55	1600	1435	356	374	9.1	9.0	76.0	96.5	.76	.63	6	.83	1.55	10.0	9.1	16.3	81.7	.57	314
D *	6:27	9004.1	9001.8	8376.0	183.9	19.4	55	1500	1445	356	374	9.1	9.0	76.0	96.5	.75	.64	6	.65	1.55	10.0	9.1	16.3	82.0	.58	313
D *	6:27	9005.2	9002.9	8376.0	598.2	23.3	55	1700	1445	356	374	9.1	9.0	76.0	96.4	.75	.63	6	.36	1.55	10.0	9.1	16.3	83.1	.58	309
D *	6:28	9008.1	9004.8	8376.0	178.2	21.2	54	1500	1464	356	374	9.1	9.0	76.1	95.8	.76	.65	6	.67	1.55	10.0	9.1	16.3	86.1	.59	299
D *	6:28	9009.6	9007.4	8376.0	279.1	14.7	56	1900	1464	356	374	9.1	9.0	76.2	95.7	.74	.64	6	.58	1.55	10.0	9.1	16.3	87.6	.60	294
D *	6:33	9012.5	9009.8	8500.0	200.3	17.2	52	1500	1295	343	380	9.1	9.1	76.6	94.6	.74	.64	7	.57	1.55	10.0	9.1	16.3	90.1	.61	286
D *	6:34	9020.9	9015.2	8500.0	1244.4	18.8	60	1400	1351	343	380	9.1	9.1	76.6	94.6	.74	.64	7	.15	1.55	10.0	9.1	16.3	95.4	.61	270
D *	6:34	9028.6	9026.3	8500.0	1943.7	15.8	60	1700	1426	343	378	9.1	9.1	76.7	94.4	.73	.64	7	.03	1.56	10.0	9.1	16.3	106.5	.62	242
D *	6:34	9029.3	9027.0	8500.0	378.2	19.4	62	1800	1398	343	378	9.1	9.1	76.6	94.2	.73	.63	7	.43	1.56	10.0	9.1	16.3	107.2	.62	241