* BIT # 22   SMITH F3   BIT DIAMETER : 12.25 inch   NOZZ 16/16/16   MUD RHEOLOGICAL PARAMETERS : PV = 14 YP = 13 GEL = 4 *

466541

TIME	MEASURED	DEPTHS VERTCL	LAGGED	ROP	WOB	RPM	TORQ	PRESS	FLOW IN	PIT VOL	DENSITY IN	DENSITY OUT	TEMP IN	TEMP OUT	RESIST IN	RESIST OUT	GAS unit	DCS	NORM	PF	ECD	FRAC	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 23:22	8931.2	8928.1	8863.0	81.7	38.2	89	2800	1900	515	390	9.3	9.5	89.2	102.9	1.01	1.00	7	1.08	1.55	10.0	9.3	16.3	495.9	12.37	152
D 23:24	8932.3	8929.1	8863.0	28.1	35.2	87	2700	1909	516	388	9.3	9.5	89.2	103.4	1.01	.99	7	1.36	1.55	10.0	9.3	16.3	496.9	12.40	152
D 23:24	8933.0	8929.1	8866.0	28.1	33.7	88	2500	1705	512	388	9.3	9.5	89.2	103.4	1.01	.99	7	1.36	1.55	10.0	9.4	16.3	496.9	12.41	152
D 23:26	8934.5	8930.0	8866.0	90.8	38.1	87	2800	1909	512	386	9.3	9.5	89.2	104.0	1.01	.98	7	1.02	1.55	10.0	9.3	16.3	497.8	12.44	152
D 23:27	8935.5	8931.5	8866.0	41.7	36.2	88	2600	1705	516	386	9.3	9.4	89.2	104.4	1.01	.97	7	1.25	1.55	10.7	9.3	16.4	499.3	12.45	152
D 23:29	8936.9	8932.5	8868.0	97.6	34.6	88	3500	1919	516	384	9.3	9.4	89.2	104.3	1.01	.98	7	1.02	1.55	10.0	9.3	16.3	500.3	12.48	152
D 23:30	8938.0	8935.0	8868.0	68.6	37.4	88	2700	1914	516	382	9.2	9.5	89.2	104.0	1.01	.99	7	1.15	1.55	10.0	9.3	16.3	502.8	12.50	151
D 23:31	8938.1	8935.1	8871.0	2.9	36.8	88	2600	1909	516	382	9.3	9.4	89.3	104.0	1.01	.99	7	2.00	1.55	10.0	9.3	16.3	502.9	12.52	151
D 23:32	8939.2	8935.1	8871.0	2.9	34.8	88	2700	1705	516	384	9.3	9.4	89.3	104.0	1.01	.99	7	2.00	1.55	10.0	9.3	16.3	502.9	12.53	151
D 23:34	8940.2	8937.2	8871.0	32.7	35.3	89	3400	1914	512	380	9.3	9.5	89.3	103.7	1.01	.99	7	1.31	1.55	10.3	9.3	16.3	505.0	12.56	151
D 23:34	8941.2	8938.2	8871.0	100.9	36.8	87	3300	1919	513	380	9.3	9.5	89.3	103.9	1.01	.98	7	.82	1.55	10.0	9.3	16.3	506.1	12.57	151
D 23:36	8942.1	8938.2	8873.0	100.9	38.7	89	2700	1914	512	380	9.3	9.5	89.4	104.1	1.01	.99	7	.82	1.55	10.0	9.3	16.3	506.1	12.60	151
D 23:37	8943.5	8939.6	8873.0	43.8	41.1	88	2800	1909	516	378	9.3	9.5	89.3	104.2	1.01	.99	7	1.24	1.55	10.0	9.3	16.3	507.4	12.61	151
D 23:38	8944.3	8941.3	8876.0	41.9	41.2	88	2700	1914	507	380	9.2	9.4	89.4	104.7	1.01	.98	7	1.30	1.55	10.4	9.3	16.4	509.1	12.63	150
D 23:39	8945.0	8942.0	8876.0	25.2	38.6	89	2700	1914	512	376	9.3	9.4	89.5	105.1	1.01	.98	7	1.45	1.55	9.3	9.4	16.1	509.8	12.66	150
D 23:41	8946.0	8943.0	8878.0	57.6	37.0	88	2800	1909	516	376	9.3	9.5	89.6	104.8	1.01	.98	7	1.18	1.55	10.0	9.3	16.3	510.8	12.68	150
D 23:42	8947.1	8944.1	8878.0	58.7	43.5	88	2900	1919	516	374	9.3	9.3	89.5	104.8	1.01	.98	7	1.17	1.55	10.3	9.3	16.3	511.9	12.69	150
D 23:42	8948.1	8944.1	8878.0	58.7	46.4	90	2800	1909	516	378	9.3	9.3	89.5	105.2	1.01	.98	7	1.19	1.55	10.0	9.3	16.3	511.9	12.70	150
D 23:46	8949.6	8946.6	8880.0	23.8	44.1	87	2700	1914	512	386	9.3	9.3	89.1	104.7	1.02	.99	7	1.51	1.55	10.0	9.3	16.3	514.4	12.77	150
D 23:47	8950.2	8947.2	8880.0	41.3	41.7	87	2800	1909	513	386	9.3	9.3	88.9	104.6	1.02	.98	7	1.32	1.55	10.3	9.3	16.3	515.1	12.78	150
D 23:48	8951.0	8947.2	8882.0	41.3	41.1	88	2800	1914	516	390	9.3	9.3	88.6	104.3	1.02	1.00	7	1.32	1.55	10.3	9.3	16.3	515.1	12.81	150
D 23:50	8952.5	8949.3	8882.0	68.5	40.0	89	2900	1909	512	394	9.2	9.3	88.4	104.2	1.02	.99	7	1.19	1.55	10.0	9.3	16.3	517.1	12.83	149
D 23:51	8953.3	8949.3	8884.0	68.5	39.4	73	2500	1389	512	396	9.2	9.3	88.2	104.6	1.03	.98	7	1.19	1.55	10.0	9.3	16.3	517.1	12.85	149
D 23:54	8954.2	8951.2	8884.0	22.7	37.0	80	3100	2058	534	402	9.2	9.3	87.8	104.7	1.04	.98	7	1.37	1.55	9.9	9.3	16.3	519.0	12.90	149
D 23:56	8955.0	8951.2	8887.0	22.7	40.9	81	3100	2058	503	404	9.2	9.3	87.5	104.6	1.04	.98	7	1.37	1.55	9.9	9.3	16.3	519.0	12.93	149
D 0: 3	8956.8	8953.8	8889.0	50.9	51.3	84	3400	1886	508	430	9.2	9.3	86.4	103.4	1.05	1.00	7	1.08	1.55	10.0	9.3	16.3	521.6	12.96	149
D 0: 5	8957.5	8954.5	8889.0	22.1	39.2	82	3200	2153	538	432	9.2	9.3	86.1	103.0	1.05	1.00	7	1.47	1.55	10.0	9.3	16.3	522.3	12.99	149
D 0: 6	8958.3	8955.3	8889.0	48.3	36.9	84	3200	1994	534	430	9.2	9.4	86.0	103.2	1.06	1.00	7	1.22	1.55	10.0	9.3	16.3	523.1	13.01	149
D 0: 8	8959.3	8956.3	8889.0	33.5	33.9	83	3200	2003	521	430	9.2	9.4	85.7	102.7	1.06	1.00	7	1.30	1.55	10.4	9.3	16.4	524.1	13.04	149
D 0: 9	8960.4	8957.4	8892.0	84.0	40.3	83	3500	2059	525	430	9.2	9.4	85.5	102.6	1.06	1.00	7	1.11	1.55	10.0	9.3	16.3	525.2	13.06	149
D 0:11	8961.2	8958.2	8892.0	23.1	40.4	84	3400	2064	534	430	9.2	9.3	85.2	103.9	1.06	.99	7	1.47	1.55	10.0	9.3	16.3	526.0	13.09	149
D 0:12	8962.4	8959.4	8892.0	112.3	39.7	84	3300	2064	530	430	9.2	9.3	85.1	104.0	1.07	.98	7	.99	1.55	10.0	9.3	16.3	527.2	13.10	148
D 0:14	8963.1	8959.4	8894.0	112.3	42.3	84	3400	2064	530	434	9.2	9.3	84.9	104.5	1.07	.98	7	.99	1.55	10.0	9.3	16.3	527.2	13.14	148
D 0:16	8964.2	8960.1	8897.0	15.0	38.4	84	3300	2069	534	436	9.2	9.4	84.6	104.8	1.07	.98	7	1.57	1.55	10.0	9.3	16.3	527.9	13.17	148
D 0:17	8965.7	8961.2	8897.0	41.3	36.2	84	3300	2073	530	440	9.2	9.4	84.4	104.0	1.07	.99	7	1.27	1.55	10.6	9.3	16.4	529.0	13.20	148
D 0:18	8966.5	8963.5	8897.0	75.8	48.4	85	3500	2069	534	442	9.2	9.4	84.4	104.2	1.07	.98	7	1.16	1.55	10.0	9.3	16.3	531.3	13.21	148
D 0:19	8967.2	8964.2	8899.0	38.1	45.8	86	3500	2069	534	444	9.2	9.4	84.3	104.7	1.07	.98	7	1.43	1.55	9.4	9.3	16.2	532.0	13.23	148
D 0:21	8968.1	8964.2	8899.0	39.1	39.7	84	3400	2073	534	446	9.2	9.4	84.2	104.6	1.07	.98	7	1.43	1.55	9.4	9.3	16.2	532.0	13.26	148
D 0:23	8969.2	8965.1	8901.0	33.8	39.6	84	3400	2064	533	450	9.2	9.4	84.1	104.3	1.07	.99	7	1.37	1.55	9.9	9.3	16.3	532.9	13.29	148
D 0:24	8970.1	8967.1	8901.0	34.0	43.4	84	3500	2064	534	454	9.2	9.4	84.0	104.0	1.07	.99	7	1.36	1.55	10.0	9.3	16.3	534.9	13.31	148
D 0:25	8971.0	8968.0	8903.0	63.5	42.2	83	3400	2069	530	456	9.2	9.4	83.9	103.5	1.07	1.00	7	1.17	1.55	10.0	9.3	16.3	535.9	13.33	147
D 0:27	8972.2	8969.2	8903.0	42.3	42.7	84	3400	2069	530	458	9.2	9.4	83.8	103.5	1.07	1.00	7	1.30	1.55	10.4	9.3	16.4	537.0	13.36	147
D 0:29	8973.2	8970.2	8906.0	38.0	37.6	82	3300	2064	530	466	9.2	9.4	83.8	103.9	1.07	.99	7	1.30	1.55	9.8	9.3	16.3	538.0	13.39	147
D 0:31	8974.8	8971.8	8906.0	42.9	42.9	83	3300	2073	535	476	9.2	9.4	83.6	103.5	1.08	1.00	7	1.31	1.55	10.3	9.3	16.4	539.7	13.43	147
D 0:32	8975.5	8971.8	8909.0	42.9	38.9	83	3200	2073	534	476	9.2	9.4	83.5	103.7	1.08	.99	7	1.31	1.55	10.3	9.3	16.4	539.7	13.45	147
D 0:34	8976.7	8973.7	8909.0	39.7	43.5	84	3300	2069	530	480	9.2	9.4	83.4	104.2	1.08	1.00	7	1.34	1.55	10.1	9.3	16.3	541.5	13.48	147
D 0:36	8977.1	8973.7	8911.0	39.7	46.0	83	3100	2064	534	484	9.2	9.4	83.3	103.5	1.08	.99	7	1.34	1.55	10.1	9.3	16.3	541.5	13.51	147
D 0:38	8978.0	8974.1	8911.0	11.1	42.8	84	3400	2064	534	490	9.2	9.4	83.3	103.6	1.08	1.00	7	1.70	1.55	10.0	9.3	16.3	541.9	13.53	147
D 0:39	8979.1	8976.1	8914.0	38.2	46.3	84	3300	2055	534	400	9.2	9.3	83.3	103.1	1.08	1.00	7	1.34	1.55	10.1	9.3	16.3	543.9	13.56	147