4€6456

BIT # 18   SMITH F2   BIT DIAMETER : 12.25 inch   NOZZ 16/16/16   MUD RHEOLOGICAL PARAMETERS : PV = 12 YP = 10 GEL = 4

	TIME	MEASURED	VERTCL	LAGGED	ROP	WOB	RPM	TORQ	PRESS	FLOW IN	PIT VOL	DENSITY IN	DENSITY OUT	TEMP IN	TEMP OUT	RESIST IN	RESIST OUT	GAS 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	11:52	5898.0	5908.8	5879.0	55.8	28.7	81	1600	1705	587	520	9.3	9.3	72.7	87.2	.65	.64	7	1.13	1.32	10.1	9.3	15.3	315.8	10.40	
D	11:55	5899.3	5908.8	5879.0	55.8	36.2	81	1700	1709	584	522	9.3	9.2	72.8	87.7	.65	.64	7	1.13	1.32	10.1	9.3	15.3	315.8	10.44	216
D	11:58	5900.4	5911.1	5880.0	22.1	31.1	81	1600	1709	582	520	9.3	9.3	72.8	87.3	.65	.64	7	1.40	1.32	9.7	9.3	15.2	318.1	10.49	216
D	12: 0	5901.2	5912.0	5882.0	20.6	35.9	82	1800	1700	582	524	9.3	9.2	72.9	87.4	.65	.64	7	1.40	1.32	9.7	9.4	15.2	319.0	10.54	216
D	12: 1	5902.0	5912.8	5882.0	60.1	27.0	80	1900	1714	582	526	9.3	9.3	72.8	87.4	.65	.65	7	1.08	1.32	10.5	9.3	15.5	319.7	10.55	215
D	12: 3	5903.3	5912.8	5882.0	60.1	32.3	81	1800	1709	582	530	9.3	9.2	72.9	87.1	.65	.65	7	1.08	1.32	10.5	9.4	15.5	319.7	10.58	215
D	12: 4	5904.3	5915.0	5882.0	114.2	34.0	81	1900	1709	587	532	9.3	9.3	73.0	87.1	.65	.65	7	.91	1.32	9.7	9.4	15.2	322.1	10.59	214
D	12: 5	5905.1	5915.1	5883.0	114.2	34.8	79	1900	1705	587	524	9.3	9.2	72.9	87.2	.65	.66	7	.91	1.32	9.7	9.3	15.2	322.1	10.61	214
D	12:10	5906.4	5915.9	5884.0	37.5	29.7	81	1600	1700	582	530	9.2	9.3	73.0	87.6	.65	.66	7	1.25	1.32	9.7	9.3	15.2	322.9	10.70	214
D	12:11	5907.2	5918.0	5886.0	41.8	36.1	83	2000	1714	586	526	9.3	9.2	73.1	87.4	.66	.65	7	1.20	1.32	9.5	9.4	15.2	325.0	10.72	214
D	12:12	5908.0	5918.8	5886.0	43.2	30.1	79	1800	1709	582	534	9.3	9.2	73.0	87.6	.65	.65	7	1.17	1.32	9.7	9.3	15.2	325.8	10.73	214
D	12:13	5909.2	5919.9	5887.0	120.0	30.2	82	1800	1709	582	534	9.3	9.2	73.0	87.5	.65	.65	7	.88	1.32	9.7	9.4	15.2	326.9	10.74	213
D	12:14	5910.0	5920.8	5887.0	68.4	31.5	79	1800	1709	587	530	9.3	9.3	73.0	87.2	.65	.65	7	1.03	1.32	10.9	9.3	15.6	327.8	10.75	212
D	12:15	5911.1	5921.9	5887.0	44.8	29.9	81	1800	1709	587	528	9.3	9.2	73.1	87.4	.65	.65	7	1.14	1.32	10.0	9.3	15.3	328.9	10.78	212
D	12:16	5912.2	5921.9	5887.0	44.8	23.1	80	1800	1714	586	528	9.3	9.3	73.0	87.0	.65	.66	7	1.14	1.32	10.0	9.4	15.3	328.9	10.80	212
D	12:19	5913.3	5922.9	5887.0	44.5	26.7	81	1700	1705	585	530	9.3	9.3	73.1	86.7	.65	.66	7	1.15	1.32	10.0	9.3	15.3	329.9	10.85	212
D	12:22	5914.1	5924.0	5887.0	23.8	30.7	82	1700	1709	582	530	9.3	9.2	73.1	86.5	.65	.66	7	1.32	1.32	9.7	9.3	15.2	331.0	10.89	211
D	12:24	5915.3	5926.1	5887.0	27.6	27.6	13	300	1691	582	524	9.2	9.3	73.1	86.7	.66	.66	7	1.28	1.32	9.7	9.3	15.2	333.1	10.93	211
D	13:17	5916.3	5927.0	5890.0	131.3	28.2	79	1700	1714	579	534	9.3	9.3	72.2	72.4	.66	.74	7	.62	1.32	9.7	9.3	15.2	334.0	10.94	210
D	13:18	5917.0	5927.0	5890.0	102.0	33.7	81	1800	1709	580	534	9.3	9.2	72.3	72.4	.66	.73	7	.93	1.32	9.7	9.4	15.2	334.8	10.95	210
D	13:21	5918.2	5928.9	5892.0	19.5	33.0	79	1700	1700	578	540	9.3	9.2	71.9	82.5	.66	.63	7	1.37	1.32	9.7	9.3	15.2	335.9	11.00	210
D	13:22	5919.0	5928.9	5892.0	19.5	27.6	78	1700	1718	579	538	9.3	9.3	71.8	84.0	.66	.61	7	1.37	1.32	9.7	9.3	15.2	335.9	11.02	210
D	13:23	5920.4	5931.1	5892.0	88.0	29.2	81	1700	1723	582	538	9.3	9.2	71.6	85.9	.66	.62	7	.98	1.32	9.7	9.3	15.2	338.1	11.04	209
D	13:26	5921.2	5931.9	5893.0	18.3	31.5	81	1700	1714	582	540	9.3	9.2	71.4	86.0	.67	.63	7	1.39	1.32	9.7	9.3	15.2	338.9	11.08	209
D	13:29	5922.1	5932.9	5894.0	18.4	30.1	79	1700	1718	582	540	9.3	9.3	71.1	86.4	.67	.65	7	1.42	1.32	9.7	9.4	15.2	339.9	11.13	209
D	13:33	5923.1	5933.9	5897.0	15.5	31.8	81	1600	1718	582	540	9.2	9.3	70.9	86.3	.67	.66	7	1.45	1.32	9.7	9.3	15.2	340.9	11.19	209
D	13:36	5924.2	5933.9	5898.0	15.5	29.6	81	1800	1718	582	536	9.3	9.3	70.9	85.9	.67	.66	7	1.45	1.32	9.7	9.3	15.2	340.9	11.25	209
D	13:38	5925.2	5935.9	5899.0	57.8	28.0	82	1700	1723	582	536	9.3	9.3	70.8	86.4	.67	.65	7	1.07	1.32	10.6	9.3	15.5	342.9	11.27	208
D	13:39	5926.5	5937.2	5899.0	88.7	30.0	82	1700	1727	582	534	9.3	9.2	70.8	86.2	.67	.65	7	.97	1.32	9.7	9.3	15.2	344.2	11.29	208
D	13:39	5927.3	5938.1	5899.0	59.0	31.0	80	1600	1718	592	536	9.2	9.2	70.8	86.0	.67	.67	7	1.06	1.32	10.7	9.3	15.5	345.1	11.30	208
D	13:40	5928.2	5938.9	5899.0	67.3	30.7	81	2000	1727	582	536	9.2	9.2	70.8	85.7	.67	.66	7	1.03	1.32	10.9	9.3	15.6	345.9	11.31	207
D	13:42	5929.4	5938.9	5900.0	67.3	26.8	81	1800	1718	578	536	9.3	9.2	70.8	86.3	.67	.66	7	1.03	1.32	10.9	9.3	15.6	345.9	11.35	207
D	13:46	5930.1	5940.2	5903.0	36.0	35.9	81	1700	1727	586	542	9.3	9.1	70.8	85.9	.67	.65	7	1.19	1.32	9.6	9.3	15.2	347.2	11.41	207
D	13:47	5931.4	5942.1	5905.0	79.5	33.0	82	1700	1727	582	544	9.2	9.2	70.8	86.4	.67	.65	7	1.03	1.32	10.9	9.3	15.6	349.1	11.43	207
D	13:48	5932.1	5942.9	5905.0	57.1	35.5	80	1900	1727	582	542	9.3	9.2	70.8	86.7	.67	.65	7	1.11	1.32	10.3	9.3	15.4	349.9	11.44	206
D	13:49	5933.2	5943.9	5905.0	60.0	29.4	82	1800	1732	586	546	9.3	9.2	70.9	86.5	.67	.65	7	1.08	1.32	10.5	9.3	15.5	350.9	11.46	206
D	13:50	5934.5	5943.9	5905.0	60.8	27.1	79	1800	1723	582	544	9.3	9.2	70.9	86.6	.67	.65	7	1.08	1.32	10.5	9.3	15.5	350.9	11.48	206
D	13:51	5935.2	5945.9	5905.0	62.1	28.4	82	1900	1723	582	544	9.3	9.1	71.0	86.6	.67	.66	7	1.05	1.32	10.7	9.3	15.5	352.3	11.49	205
D	13:52	5936.1	5946.8	5906.0	72.0	31.2	82	1600	1723	587	548	9.3	9.2	70.9	86.4	.67	.66	7	1.03	1.32	10.9	9.3	15.6	353.8	11.51	205
D	13:53	5937.9	5948.7	5906.0	114.9	34.2	79	1600	1718	582	544	9.2	9.2	71.0	86.6	.67	.66	7	.93	1.32	9.7	9.3	15.2	355.7	11.52	204
D	13:58	5938.2	5948.7	5911.0	114.9	35.0	79	1700	1723	582	546	9.3	9.2	71.1	86.4	.67	.65	7	.93	1.32	9.7	9.4	15.2	355.7	11.60	204
D	13:59	5939.1	5949.0	5911.0	51.9	31.4	81	1800	1723	582	548	9.2	9.2	71.1	86.9	.67	.65	7	1.14	1.32	10.0	9.3	15.3	356.0	11.62	204
D	14: 0	5940.3	5949.8	5912.0	51.9	31.2	81	1700	1718	587	546	9.3	9.2	71.1	87.1	.67	.65	7	1.14	1.32	10.0	9.3	15.3	356.8	11.64	204
D	14: 1	5941.5	5952.3	5912.0	88.3	34.0	83	1700	1723	582	544	9.3	9.2	71.2	87.2	.67	.65	7	.99	1.32	9.7	9.3	15.2	359.3	11.66	203
D	14: 3	5942.3	5953.0	5913.0	20.8	34.6	80	1800	1723	582	544	9.3	9.2	71.2	87.5	.67	.66	7	1.38	1.32	9.7	9.4	15.2	360.0	11.69	203
D	14: 7	5943.5	5954.2	5914.0	18.5	35.7	80	1900	1718	582	548	9.3	9.5	71.4	87.2	.67	.69	7	1.44	1.32	9.7	9.3	15.2	361.2	11.76	203
D	14:10	5944.0	5954.8	5915.0	18.5	35.5	79	1800	1709	586	548	9.3	9.5	71.5	86.8	.67	.70	7	1.58	1.32	9.7	9.3	15.2	361.8	11.81	203
D	14:13	5945.2	5955.9	5896.0	23.1	30.0	79	1800	1709	582	548	9.3	9.2	71.6	85.9	.67	.69	7	1.35	1.32	9.7	9.3	15.2	362.9	11.86	203
D	14:16	5946.1	5956.9	5917.0	17.5	34.7	81	1800	1709	587	538	9.3	9.2	71.7	86.1	.67	.67	7	1.43	1.32	9.7	9.3	15.2	363.9	11.91	203