* BIT # 20   SMITH F2   BIT DIAMETER : 12.25 inch   NOZZ 16/16/16   HUD RHEOLOGICAL PARAMETERS : PV = 13 YP = 14 GEL = 5 *

466510

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 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	%
16:55	7852.3	7850.9	7801.0	34.7	33.2	92	3200	1687	528	410	9.2	9.4	93.6	107.2	.73	.74	7	1.28	1.46	9.9	9.3	15.9	56.8	1.20	621
16:57	7853.2	7851.8	7802.0	44.9	27.0	93	3000	1687	528	410	9.2	9.3	93.6	106.8	.73	.74	7	1.26	1.46	10.1	9.3	16.0	57.8	1.22	612
16:57	7854.6	7852.9	7802.0	116.4	33.9	93	3200	1671	533	410	9.2	9.3	93.6	107.1	.73	.74	7	1.01	1.46	10.2	9.3	16.0	58.0	1.22	601
16:59	7855.2	7853.8	7802.0	32.6	29.7	93	3100	1671	528	414	9.2	9.3	93.6	106.8	.73	.75	7	1.37	1.46	10.2	9.3	16.0	58.9	1.25	594
17: 0	7856.4	7853.8	7804.0	32.6	31.9	96	3100	1687	528	412	9.2	9.3	93.7	107.4	.73	.74	7	1.37	1.46	10.2	9.3	16.0	58.9	1.27	594
17: 2	7857.5	7855.1	7804.0	64.8	29.3	91	2300	1671	528	412	9.2	9.3	93.7	107.8	.74	.73	7	1.18	1.46	10.7	9.3	16.1	60.2	1.30	582
17: 4	7858.1	7856.7	7806.0	17.1	28.6	91	2200	1687	528	410	9.2	9.4	93.7	107.6	.74	.74	7	1.49	1.46	10.2	9.3	16.0	61.0	1.33	571
17:10	7859.0	7856.7	7810.0	17.1	26.9	91	2100	1745	533	410	9.2	9.3	93.8	107.2	.74	.74	7	1.49	1.46	10.2	9.2	16.0	61.0	1.44	571
17:14	7860.0	7858.7	7815.0	14.7	30.9	90	2800	1754	543	416	9.2	9.4	91.5	107.0	.75	.74	7	1.52	1.46	10.2	9.3	16.0	63.0	1.51	564
17:15	7861.1	7858.7	7815.0	14.7	29.2	91	2900	1745	542	410	9.2	9.4	91.1	107.0	.75	.74	7	1.52	1.46	10.2	9.3	16.0	63.0	1.53	564
17:17	7862.1	7860.8	7817.0	61.1	29.4	92	2800	1754	543	420	9.2	9.5	90.7	106.9	.75	.75	7	1.15	1.46	10.2	9.2	16.0	65.9	1.55	547
17:27	7863.0	7861.7	7821.0	23.0	33.1	103	3500	1800	547	442	9.1	9.5	88.9	106.1	.75	.74	7	1.53	1.46	10.2	9.2	16.0	66.8	1.58	542
17:28	7864.0	7862.7	7821.0	56.6	24.9	102	3300	1795	552	438	9.2	9.4	88.5	105.6	.75	.75	7	1.21	1.46	10.5	9.2	16.1	67.8	1.60	535
17:31	7865.1	7862.7	7823.0	56.6	27.2	94	2700	1795	547	440	9.2	9.4	88.2	105.1	.75	.75	7	1.21	1.46	10.5	9.2	16.1	67.8	1.63	535
17:32	7866.5	7863.7	7823.0	26.3	23.4	92	2700	1795	547	442	9.2	9.5	88.1	105.1	.75	.74	7	1.34	1.46	9.5	9.2	15.8	68.8	1.65	529
17:32	7867.2	7865.8	7825.0	58.1	26.3	92	2800	1799	542	440	9.1	9.3	87.9	105.6	.75	.74	7	1.17	1.46	10.8	9.2	16.2	70.9	1.67	515
17:34	7868.1	7866.7	7825.0	42.1	22.3	96	3300	1799	542	440	9.2	9.4	87.8	106.1	.75	.74	7	1.19	1.46	10.6	9.2	16.1	71.8	1.69	509
17:35	7869.4	7868.0	7826.0	52.7	29.0	91	3200	1799	542	438	9.2	9.4	87.6	106.1	.75	.73	7	1.16	1.46	10.8	9.2	16.2	73.1	1.71	501
17:37	7870.3	7869.0	7826.0	45.3	25.8	98	3100	1795	547	438	9.1	9.4	87.4	106.5	.75	.74	7	1.21	1.46	10.5	9.2	16.1	74.1	1.74	496
17:38	7871.4	7869.0	7826.0	45.1	25.5	93	3200	1804	549	436	9.2	9.1	87.3	105.7	.75	.74	7	1.21	1.46	10.5	9.2	16.1	74.1	1.75	496
17:40	7872.2	7870.9	7827.0	29.5	25.5	93	3100	1799	547	442	9.2	9.4	87.2	106.4	.75	.74	7	1.30	1.46	9.8	9.2	15.9	76.0	1.78	486
17:42	7873.2	7870.9	7828.0	29.5	25.4	92	3300	1804	546	444	9.1	9.3	87.2	107.0	.75	.73	7	1.30	1.46	9.8	9.2	15.9	76.0	1.82	486
17:42	7874.1	7872.7	7828.0	444.2	26.7	91	3300	1804	543	444	9.2	9.4	87.0	106.8	.75	.73	7	.61	1.46	10.2	9.2	16.0	77.8	1.82	476
17:43	7875.5	7874.2	7828.0	53.6	24.8	95	3300	1804	543	450	9.1	9.4	86.9	106.1	.75	.74	7	1.13	1.46	10.2	9.2	16.0	79.3	1.85	469
17:44	7876.1	7874.8	7828.0	42.1	23.6	93	3200	1804	538	450	9.1	9.4	86.9	106.2	.75	.74	7	1.22	1.46	10.4	9.2	16.1	79.9	1.86	466
17:45	7877.1	7874.8	7828.0	42.1	26.8	95	3300	1799	543	452	9.1	9.5	86.9	106.2	.75	.74	7	1.22	1.46	10.4	9.2	16.1	79.9	1.88	466
17:47	7878.2	7876.9	7828.0	54.6	29.1	98	3400	1799	543	454	9.1	9.4	86.8	106.3	.75	.73	7	1.15	1.46	10.2	9.2	16.0	82.0	1.90	456
17:49	7879.2	7877.8	7828.0	27.1	24.9	96	3300	1799	547	464	9.2	9.4	86.8	105.5	.75	.75	7	1.34	1.46	9.5	9.2	15.8	82.9	1.94	452
17:49	7880.1	7878.9	7829.0	100.8	26.5	92	3300	1804	547	464	9.2	9.4	86.7	105.8	.75	.74	7	1.01	1.46	10.2	9.2	16.0	83.8	1.94	448
17:51	7881.5	7880.1	7829.0	48.9	27.3	93	3400	1804	547	468	9.2	9.4	86.7	106.0	.75	.74	7	1.19	1.46	10.7	9.2	16.1	85.2	1.97	441
17:52	7882.2	7880.7	7829.0	48.2	27.1	92	3300	1804	552	472	9.2	9.4	86.6	106.1	.75	.74	7	1.22	1.46	10.4	9.2	16.1	85.8	1.99	439
17:54	7883.2	7880.7	7831.0	48.2	23.7	92	3300	1799	547	474	9.2	9.5	86.8	105.7	.75	.74	7	1.22	1.46	10.4	9.2	16.1	85.8	2.02	439
17:55	7884.3	7883.0	7833.0	58.9	27.1	96	3300	1804	545	480	9.2	9.4	86.7	105.8	.75	.74	7	1.16	1.46	10.2	9.2	16.0	88.1	2.04	430
17:56	7885.3	7883.0	7833.0	58.9	23.5	92	3100	1795	543	482	9.2	9.4	86.7	105.8	.75	.73	7	1.16	1.46	10.2	9.2	16.0	88.1	2.06	430
17:58	7886.0	7883.9	7833.0	44.6	22.1	94	3000	1786	547	484	9.1	9.4	86.7	105.5	.75	.74	7	1.20	1.46	10.6	9.2	16.1	89.1	2.08	426
17:59	7887.3	7886.0	7835.0	55.6	25.2	92	3100	1795	547	488	9.1	9.4	86.7	106.3	.75	.73	7	1.12	1.46	10.2	9.2	16.0	91.1	2.11	418
18: 1	7888.7	7886.0	7837.0	55.6	27.0	91	3200	1795	543	470	9.2	9.4	86.6	105.8	.75	.73	7	1.12	1.46	10.2	9.2	16.0	91.1	2.14	418
18: 2	7889.4	7888.0	7837.0	53.0	27.1	93	3400	1799	543	492	9.1	9.5	86.5	105.8	.75	.73	7	1.16	1.46	10.2	9.2	16.0	93.2	2.15	411
18: 3	7890.6	7889.2	7839.0	41.4	25.5	93	3100	1799	547	494	9.2	9.5	86.4	105.9	.75	.73	7	1.20	1.46	10.6	9.2	16.1	94.3	2.18	407
18: 5	7891.2	7889.2	7839.0	41.4	28.5	95	2600	1799	543	500	9.2	9.3	86.4	106.4	.75	.73	7	1.20	1.46	10.6	9.2	16.1	94.3	2.20	407
18:20	7892.7	7891.4	7850.0	32.0	.0	10	1000	1714	538	500	9.2	9.5	89.5	107.4	.74	.72	7	1.21	1.46	10.5	9.2	16.1	96.5	2.26	401
18:23	7895.5	7894.2	7854.0	588.2	21.4	0	-200	1745	538	500	9.2	9.5	89.9	107.3	.74	.72	7	-1.01	1.46	10.2	9.2	16.0	99.3	2.26	398