* BIT # 17   SMITH SDGH   BIT DIAMETER : 12.25 inch   NOZZ 16/16/16   MUD RHEOLOGICAL PARAMETERS : PV = 11 YP = 10 GEL = 4 *

466444

	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	ohm	ohm	unit		ppg	ppg	ppg	feet	DHr	$
D	10:18	5446.9	5444.0	5418.0	33.7	37.7	120	1800	1705	506	514	9.3	9.3	77.4	83.7	.67	.67	7	1.35	1.20	9.7	9.4	15.0	116.2	3.24	279
D	10:20	5447.8	5445.0	5419.0	26.8	37.0	120	1800	1696	587	512	9.3	9.4	77.4	83.7	.67	.66	7	1.41	1.20	9.7	9.4	15.0	117.2	3.27	278
D	10:25	5449.2	5446.0	5424.0	30.3	37.8	119	1800	1673	587	512	9.3	9.2	77.4	83.8	.67	.67	7	1.38	1.20	9.7	9.4	15.0	118.3	3.35	277
D	10:26	5449.7	5446.9	5424.0	14.1	37.5	119	1800	1669	587	512	9.3	9.1	77.0	83.9	.66	.66	7	1.59	1.20	9.7	9.3	15.0	119.2	3.38	276
D	10:27	5450.8	5447.8	5425.0	31.6	37.2	118	1800	1664	587	510	9.3	9.4	76.7	83.8	.66	.66	7	1.37	1.20	9.7	9.4	15.0	120.1	3.39	275
D	10:30	5452.1	5449.0	5426.0	32.5	38.0	118	1800	1678	587	516	9.3	9.2	77.0	83.6	.66	.67	7	1.39	1.20	9.7	9.3	15.0	122.0	3.44	272
D	10:31	5453.0	5449.8	5426.0	32.5	39.3	118	1900	1678	590	520	9.3	9.3	77.6	83.7	.66	.67	7	1.39	1.20	9.7	9.4	15.0	122.0	3.46	272
D	10:33	5453.7	5450.9	5427.0	33.5	38.7	117	1800	1673	587	526	9.3	9.3	77.6	83.9	.65	.67	7	1.37	1.20	9.7	9.4	15.0	123.1	3.50	271
D	10:35	5455.3	5453.1	5428.0	38.6	38.1	118	1700	1682	587	520	9.3	9.3	77.6	84.1	.65	.67	7	1.31	1.20	9.7	9.4	15.0	125.3	3.53	268
D	10:37	5455.8	5453.1	5429.0	38.6	37.7	118	1800	1687	587	522	9.3	9.3	77.7	83.8	.66	.67	7	1.31	1.20	9.7	9.3	15.0	125.3	3.56	268
D	10:39	5457.4	5454.0	5430.0	24.7	38.4	119	1800	1687	592	516	9.3	9.3	77.7	83.8	.65	.67	7	1.44	1.20	9.7	9.3	15.0	126.3	3.60	267
D	10:40	5458.0	5455.1	5431.0	37.7	40.2	118	1900	1691	591	516	9.3	9.2	77.7	83.8	.66	.67	7	1.33	1.20	9.7	9.4	15.0	127.4	3.62	266
D	10:41	5458.9	5455.7	5431.0	35.0	38.5	118	1800	1691	592	514	9.3	9.4	77.7	84.1	.66	.67	7	1.35	1.20	9.7	9.4	15.0	128.0	3.63	265
D	10:44	5460.4	5456.0	5431.0	35.5	39.3	118	1800	1700	592	518	9.3	9.4	77.7	83.8	.66	.67	7	1.34	1.20	9.7	9.3	15.0	129.1	3.68	263
D	10:45	5460.7	5458.1	5431.0	43.7	38.6	118	1800	1687	587	516	9.3	9.2	77.7	83.8	.66	.67	7	1.29	1.20	9.7	9.3	15.0	130.4	3.69	262
D	10:47	5461.8	5458.8	5433.0	44.0	39.1	119	1800	1700	587	516	9.3	9.3	77.7	84.1	.66	.67	7	1.28	1.20	9.7	9.4	15.0	131.0	3.72	261
D	10:48	5462.7	5459.9	5434.0	32.9	38.3	118	1800	1700	587	514	9.3	9.3	77.7	84.2	.66	.67	7	1.35	1.20	9.7	9.4	15.0	132.2	3.74	259
D	10:59	5463.8	5460.8	5438.0	36.0	38.0	115	1700	1727	591	530	9.3	9.3	77.7	84.5	.66	.67	7	1.34	1.20	9.7	9.4	15.0	133.0	3.80	258
D	11:1	5464.9	5462.1	5440.0	18.2	37.8	116	1800	1727	589	530	9.3	9.3	77.8	84.6	.66	.66	7	1.50	1.20	9.7	9.4	15.0	134.3	3.84	258
D	11:3	5465.8	5462.8	5440.0	30.0	34.8	115	1700	1714	587	528	9.3	9.3	77.7	85.0	.66	.66	7	1.36	1.20	9.7	9.4	15.0	135.1	3.86	257
D	11:5	5467.3	5463.8	5441.0	27.0	34.2	115	1900	1718	592	532	9.3	9.4	77.7	85.2	.66	.66	7	1.30	1.20	9.7	9.4	15.0	136.1	3.90	256
D	11:5	5467.8	5465.5	5441.0	60.0	31.7	114	1800	1709	592	530	9.3	9.4	77.8	85.1	.66	.67	7	1.14	1.20	9.8	9.4	15.1	137.0	3.91	254 **
D	11:6	5468.9	5466.2	5441.0	181.1	38.1	120	1800	1714	587	526	9.3	9.1	77.8	85.1	.66	.67	7	.82	1.20	9.7	9.4	15.0	138.5	3.92	253
D	11:7	5469.8	5466.9	5442.0	40.1	37.0	115	1700	1718	591	532	9.3	9.2	77.9	85.1	.66	.67	7	1.21	1.20	9.7	9.4	15.0	139.1	3.94	252
D	11:9	5470.8	5467.8	5443.0	36.8	35.4	115	1700	1718	587	532	9.3	9.3	78.0	84.8	.67	.67	7	1.30	1.20	9.7	9.4	15.0	140.1	3.97	251
D	11:12	5471.8	5468.8	5445.0	30.6	37.9	115	1800	1718	587	534	9.3	9.3	78.0	84.7	.66	.67	7	1.34	1.20	9.7	9.4	15.0	141.1	4.02	250
D	11:13	5472.8	5470.5	5445.0	30.3	39.3	115	1800	1709	596	528	9.3	9.2	78.0	84.8	.67	.67	7	1.35	1.20	9.7	9.4	15.0	142.0	4.04	248
D	11:16	5473.8	5470.7	5447.0	22.2	35.1	116	1700	1714	587	530	9.3	9.2	78.0	85.0	.67	.66	7	1.44	1.20	9.7	9.4	15.0	143.0	4.09	246
D	11:19	5475.3	5471.8	5448.0	23.6	33.6	115	1700	1709	587	532	9.3	9.3	78.1	85.2	.67	.66	7	1.42	1.20	9.7	9.4	15.0	144.0	4.14	247
D	11:19	5475.9	5473.1	5448.0	27.5	33.4	116	1700	1709	587	532	9.3	9.3	78.2	85.2	.67	.66	7	1.36	1.20	9.7	9.4	15.0	145.3	4.14	246
D	11:21	5476.9	5473.8	5448.0	67.0	33.3	118	1800	1714	587	532	9.3	9.3	78.2	85.2	.67	.66	7	1.10	1.20	10.1	9.4	15.2	146.1	4.17	245
D	11:22	5478.3	5476.0	5449.0	108.9	34.8	115	1700	1714	587	534	9.3	9.2	78.2	85.1	.67	.67	7	.97	1.29	9.7	9.4	15.0	148.3	4.19	243
D	11:23	5478.8	5476.0	5449.0	108.9	34.7	116	1700	1714	587	534	9.3	9.2	78.2	85.1	.67	.67	7	.97	1.29	9.7	9.4	15.0	148.3	4.20	243
D	11:24	5479.9	5477.3	5450.0	43.6	34.9	115	1700	1705	587	532	9.3	9.3	78.3	85.2	.67	.66	7	1.23	1.29	9.7	9.4	15.0	149.6	4.22	241
D	11:26	5480.9	5477.8	5451.0	29.7	33.4	115	1700	1723	587	528	9.3	9.3	78.4	85.5	.67	.66	7	1.32	1.29	9.7	9.4	15.0	150.1	4.25	241
D	11:29	5481.8	5479.0	5452.0	35.2	37.6	114	1700	1718	587	534	9.3	9.3	78.4	85.6	.67	.67	7	1.28	1.29	9.7	9.4	15.0	151.3	4.29	240
D	11:29	5483.0	5480.8	5452.0	178.3	35.2	116	1900	1727	587	534	9.3	9.3	78.4	85.6	.67	.67	7	.85	1.29	9.7	9.4	15.0	153.0	4.30	238
D	11:30	5484.1	5480.8	5453.0	178.3	34.7	115	1800	1723	587	534	9.3	9.1	78.5	85.7	.67	.67	7	.85	1.29	9.7	9.4	15.0	153.0	4.31	238
D	11:30	5485.5	5483.2	5453.0	735.1	31.4	114	1800	1727	587	536	9.3	9.2	78.4	85.5	.67	.66	7	.43	1.29	9.7	9.4	15.0	155.5	4.31	234
D	11:30	5487.4	5485.2	5453.0	221.9	34.9	113	3100	1718	587	536	9.3	9.2	78.5	85.6	.67	.67	7	.77	1.29	9.7	9.4	15.0	157.4	4.33	232
D	11:31	5489.9	5486.2	5453.0	280.2	30.8	71	1100	1700	587	536	9.3	9.3	78.5	85.5	.67	.66	7	.68	1.29	9.7	9.4	15.0	158.5	4.33	230
D	11:34	5491.3	5489.0	5455.0	38.8	22.8	97	1600	1687	580	538	9.3	9.3	78.6	85.9	.67	.65	7	.09	1.29	9.7	9.4	15.0	161.3	4.37	227
D	11:35	5492.1	5489.9	5455.0	117.1	34.7	120	1100	1682	579	534	9.3	9.3	78.6	86.2	.67	.66	7	.90	1.29	9.7	9.3	15.0	162.1	4.38	226
D	11:41	5493.0	5490.8	5458.0	82.3	10.6	122	1900	1727	587	536	9.3	9.2	78.6	86.1	.67	.66	7	.83	1.29	9.7	9.4	15.0	163.0	4.39	225
D	11:42	5494.3	5492.0	5458.0	78.6	33.6	123	1800	1754	592	530	9.3	9.2	78.6	85.3	.67	.66	7	1.09	1.29	10.2	9.4	15.2	164.3	4.41	224
D	11:42	5495.3	5492.0	5459.0	78.6	34.3	125	2100	1754	595	526	9.3	9.3	78.6	85.3	.67	.67	7	1.09	1.29	10.2	9.4	15.2	164.3	4.41	224
D	11:44	5495.7	5493.0	5459.0	81.5	34.0	126	1900	1759	592	518	9.3	9.3	78.6	85.2	.67	.67	7	1.06	1.29	10.4	9.4	15.3	165.3	4.44	223
D	11:45	5496.9	5494.3	5460.0	48.2	35.4	127	1900	1760	596	514	9.3	9.2	78.6	85.1	.67	.67	7	1.23	1.29	9.7	9.4	15.0	166.6	4.45	222
D	11:45	5499.0	5496.7	5460.0	147.0	32.7	124	1900	1763	596	514	9.3	9.3	78.6	85.0	.67	.67	7	.91	1.29	9.7	9.4	15.0	169.0	4.46	219