466488

* BIT # 19   SMITH F2   BIT DIAMETER : 12.25 inch   NOZZ 16/16/16   MUD RHEOLOGICAL PARAMETERS : PV = 13 YP = 14 GEL = 5 *

| | | DEPTHS | | | | DRILLING PARAMETERS | | | | | MUD PARAMETERS | | | | GAS | | OVERPRESSURE SURVEY | | | ACCUMULATED ON BIT | | |
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	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 7:16	7054.4	7053.1	7024.0	38.4	16.2	89	2000	1745	570	321	9.2	9.3	79.7	93.5	.70	.69	7	1.15	1.40	10.5	9.2	15.8	774.1	27.04	167
D 7:18	7055.3	7053.1	7026.0	38.4	21.7	87	1700	1741	565	319	9.2	9.3	79.7	93.2	.70	.70	7	1.15	1.40	10.5	9.2	15.8	774.1	27.06	167
D 7:19	7056.1	7054.7	7026.0	38.3	26.5	89	1900	1736	565	319	9.2	9.3	79.7	93.0	.70	.70	7	1.08	1.40	9.7	9.2	15.6	775.7	27.09	167
D 7:22	7057.1	7054.7	7027.0	38.3	16.6	91	1900	1736	565	317	9.2	9.3	79.7	93.5	.70	.69	7	1.08	1.40	9.7	9.2	15.6	775.7	27.13	167
D 7:24	7058.1	7056.8	7028.0	35.9	25.3	89	2500	1741	564	317	9.2	9.3	79.6	93.5	.70	.69	7	1.07	1.40	9.7	9.2	15.6	777.8	27.16	166
D 7:26	7059.4	7058.1	7029.0	42.4	18.5	87	2400	1741	568	315	9.2	9.3	79.6	93.3	.70	.70	7	1.03	1.40	9.7	9.3	15.6	779.1	27.20	166
D 7:28	7060.3	7059.0	7031.0	25.4	19.0	89	2600	1741	565	313	9.2	9.3	79.7	93.3	.70	.70	7	1.18	1.40	10.3	9.2	15.8	780.0	27.23	166
D 7:28	7061.1	7059.8	7031.0	432.2	25.5	89	2800	1736	565	313	9.2	9.3	79.7	93.3	.70	.69	7	.53	1.40	9.7	9.2	15.6	780.8	27.23	166
D 7:30	7062.1	7060.7	7032.0	27.2	20.2	89	2000	1736	570	309	9.2	9.3	79.6	93.5	.70	.69	7	1.21	1.40	10.1	9.2	15.7	781.7	27.27	166
D 7:31	7063.1	7061.7	7032.0	46.7	23.5	89	2900	1736	565	311	9.2	9.3	79.7	93.2	.70	.70	7	1.06	1.40	9.7	9.2	15.6	782.7	27.29	166
D 7:40	7065.1	7063.8	7034.0	65.5	2.0	85	1400	1615	575	325	9.2	9.3	79.6	92.8	.70	.70	7	.95	1.40	9.7	9.3	15.6	784.8	27.32	166
D 7:41	7064.7	7064.7	7034.0	87.9	14.4	93	2900	1660	542	323	9.2	9.3	79.6	93.2	.70	.70	7	.69	1.40	9.7	9.3	15.6	785.7	27.33	166
D 7:43	7067.3	7066.0	7034.0	27.9	19.0	89	2600	1669	556	311	9.2	9.3	79.6	94.4	.70	.69	7	1.05	1.40	9.7	9.2	15.6	787.0	27.38	166
D 7:46	7068.0	7066.7	7034.0	15.7	18.7	88	2400	1669	556	309	9.2	9.3	79.6	93.1	.70	.70	7	1.26	1.40	9.6	9.3	15.6	787.7	27.42	166
D 7:48	7069.2	7066.7	7034.0	15.7	21.5	89	2200	1664	556	309	9.2	9.3	79.6	93.4	.70	.70	7	1.26	1.40	9.6	9.3	15.6	787.7	27.44	166
D 7:49	7070.1	7068.8	7035.0	53.1	19.4	89	2300	1660	556	303	9.2	9.3	79.7	92.9	.70	.70	7	.98	1.40	9.7	9.2	15.6	789.8	27.46	165
D 7:54	7071.1	7069.8	7035.0	12.3	21.6	99	2400	1678	556	313	9.2	9.3	79.7	92.7	.70	.70	7	1.34	1.40	9.7	9.3	15.6	790.8	27.54	165
D 7:56	7073.0	7071.1	7037.0	36.0	16.4	99	2200	1682	556	311	9.2	9.3	79.7	93.0	.70	.70	7	1.09	1.40	9.7	9.3	15.6	792.1	27.58	165
D 7:56	7073.1	7071.1	7038.0	36.0	18.2	100	2600	1682	556	311	9.2	9.3	79.7	93.0	.70	.70	7	1.09	1.40	9.7	9.3	15.6	792.1	27.59	165
D 7:57	7074.1	7072.8	7038.0	80.7	22.3	99	2300	1682	556	311	9.2	9.3	79.7	93.1	.70	.69	7	.94	1.40	9.7	9.3	15.6	793.8	27.61	165
D 7:59	7075.7	7072.8	7038.0	80.7	13.4	100	2400	1682	556	315	9.2	9.3	79.7	93.2	.70	.70	7	.94	1.40	9.7	9.3	15.6	793.8	27.63	165
D 8: 0	7076.1	7074.8	7038.0	23.3	23.9	99	2900	1678	556	319	9.2	9.4	79.8	93.4	.70	.69	7	1.25	1.40	9.7	9.3	15.6	795.8	27.65	165
D 8: 2	7077.4	7076.0	7039.0	49.5	16.3	101	2000	1682	556	317	9.2	9.3	79.7	92.7	.70	.70	7	1.04	1.40	9.7	9.3	15.6	797.0	27.68	165
D 8: 5	7078.0	7076.0	7040.0	49.5	18.8	85	3500	1664	551	313	9.2	9.3	79.8	92.7	.70	.70	7	1.04	1.40	9.7	9.3	15.6	797.0	27.73	165
D 8: 6	7079.0	7077.8	7040.0	83.6	18.6	93	2000	1673	561	311	9.2	9.3	79.7	92.7	.70	.70	7	.88	1.40	9.7	9.3	15.6	798.0	27.76	165
D 8: 7	7080.2	7078.9	7041.0	58.1	15.1	94	2100	1682	551	309	9.2	9.3	79.7	93.2	.70	.70	7	.96	1.40	9.7	9.3	15.6	799.9	27.76	165
D 8: 9	7081.0	7078.9	7042.0	58.1	12.7	101	1800	1682	556	305	9.2	9.3	79.7	93.1	.70	.70	7	.96	1.40	9.7	9.3	15.6	799.9	27.80	165
D 8:13	7082.3	7081.0	7044.0	22.0	18.4	99	2100	1691	556	309	9.2	9.3	79.7	92.7	.70	.70	7	1.18	1.40	10.3	9.3	15.8	802.0	27.86	165
D 8:14	7083.1	7081.8	7044.0	30.6	21.6	93	2000	1678	556	311	9.2	9.3	79.7	92.7	.70	.70	7	1.10	1.40	9.7	9.3	15.6	802.8	27.89	165
D 8:16	7084.1	7081.8	7044.0	30.6	22.7	95	1900	1678	556	311	9.2	9.3	79.7	92.5	.70	.70	7	1.10	1.40	9.7	9.3	15.6	802.8	27.92	165
D 8:17	7085.2	7083.9	7045.0	98.2	22.7	95	2600	1687	556	309	9.2	9.3	79.7	92.8	.70	.70	7	.85	1.40	9.7	9.3	15.6	804.9	27.93	164
D 8:19	7086.3	7084.8	7045.0	33.8	16.2	96	2100	1682	556	309	9.2	9.3	79.7	92.6	.70	.70	7	1.08	1.40	9.7	9.3	15.6	805.8	27.96	164
D 8:21	7087.1	7087.0	7047.0	33.8	17.2	96	1900	1678	556	309	9.2	9.3	79.7	92.8	.71	.70	7	1.08	1.40	9.7	9.3	15.6	805.8	28.00	164
D 8:23	7088.2	7085.8	7049.0	23.0	13.2	92	2400	1682	556	305	9.2	9.3	79.6	92.7	.70	.70	7	1.20	1.40	10.1	9.2	15.7	806.8	28.02	164
D 8:25	7089.3	7087.9	7051.0	26.5	18.3	100	1800	1682	556	299	9.2	9.2	79.7	92.5	.70	.70	7	1.16	1.40	10.5	9.3	15.8	808.9	28.07	164
D 8:34	7090.1	7088.7	7055.0	5.3	28.0	77	1900	1664	549	295	9.2	9.3	79.6	93.5	.70	.69	7	1.55	1.40	9.7	9.2	15.6	809.7	28.22	165
D 9: 8	7091.0	7088.7	7068.0	5.3	25.5	85	2300	1606	542	275	9.2	9.3	79.8	93.4	.70	.70	7	1.55	1.40	9.7	9.3	15.6	809.7	28.53	165
D 9:11	7092.0	7090.7	7070.0	23.7	19.7	82	2400	1606	542	275	9.2	9.3	79.9	93.0	.70	.70	7	1.22	1.40	10.0	9.3	15.7	811.7	28.57	166
D 9:11	7093.4	7090.7	7070.0	23.7	24.4	85	2300	1606	542	279	9.2	9.4	79.9	93.0	.70	.70	7	1.22	1.40	10.0	9.3	15.7	811.7	28.58	166
D 9:13	7094.2	7092.8	7070.0	23.5	21.0	83	2600	1606	542	279	9.2	9.4	79.8	93.1	.70	.70	7	1.23	1.40	10.0	9.2	15.7	813.8	28.61	166
D 9:15	7095.1	7093.8	7071.0	30.1	23.2	85	2400	1579	542	281	9.2	9.3	79.9	93.7	.70	.69	7	1.14	1.40	10.6	9.3	15.9	814.8	28.64	166
D 9:16	7096.1	7094.7	7071.0	51.3	26.2	82	2800	1601	542	283	9.2	9.3	79.9	93.2	.70	.70	7	.99	1.40	9.7		9.3	15.6	815.7	28.66	165
D 9:18	7097.0	7095.7	7073.0	24.7	17.9	83	2400	1597	542	287	9.2	9.3	79.9	93.3	.71	.70	7	1.20	1.40	10.1	9.3	15.7	816.7	28.70	165
D 9:20	7098.6	7097.3	7075.0	48.7	20.9	84	2500	1610	532	293	9.2	9.3	80.0	93.4	.70	.70	7	1.01	1.40	9.7	9.3	15.6	818.3	28.73	165
D 9:21	7099.4	7098.1	7075.0	113.4	26.0	85	2700	1610	534	291	9.2	9.4	80.0	93.4	.70	.70	7	.85	1.40	9.7	9.3	15.6	819.1	28.73	165
D 9:22	7100.0	7098.7	7075.0	39.5	30.9	83	2000	1606	542	291	9.2	9.4	79.9	93.1	.71	.70	7	1.11	1.40	10.8	9.3	15.9	819.7	28.75	165
D 9:24	7101.4	7098.7	7077.0	39.5	20.8	85	2600	1606	542	299	9.2	9.4	79.9	92.9	.71	.70	7	1.11	1.40	10.8	9.3	15.9	819.7	28.78	165
D 9:24	7102.0	7100.7	7077.0	347.8	25.5	87	2600	1606	542	299	9.3	9.3	79.9	92.9	.70	.71	7	.60	1.40	9.7	9.3	15.6	821.7	28.78	165
D 9:26	7103.0	7100.7	7078.0	347.8	23.1	84	2500	1606	543	307	9.3	9.3	79.7	93.6	.71	.70	7	.60	1.40	9.7	9.3	15.6	821.7	28.81	165