

466377

* BIT # 9 + UR SMITH DS BIT DIAMETER : 17.50 inch NOZZ 10/10/17
 MUD RHEOLOGICAL PARAMETERS : PV = 9 YP = 10 GEL = 2 *

* TIME *	* MEASURED *	* DEPTHS *			* DRILLING PARAMETERS *				* MUD PARAMETERS *				* GAS *			* OVERPRESSURE SURVEY *			* ACCUMULATED ON BIT *						
		VERTCL	LAGGED	ROP	WOB	RPM	TORG	PRESS	FLOW	PIT	DENSITY	TEMPERATURE	RESISTIVITY	GAS	DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST			
* Hr:mn *	* feet *	* feet *	* feet *	* ft/h *	* klbs *	rpm	ftlb	psi	gpm	* bbls *	ppg	degF	ohm	* unit *	ppg	ppg	ppg	* feet *	DHr	\$ *					
D * 3:57	1695.2	1693.9	1517.0	94.4	.9	71	700	1704	741	516	8.7	8.7	68.9	75.7	.84	.93	5	.40	.87	8.6	8.7	12.0	375.1	2.62	82
D * 3:58	1700.6	1696.8	1517.0	1520	1.1	75	700	1709	741	514	8.7	8.7	68.8	75.4	.84	.93	5	.04	.87	8.6	8.7	12.0	378.0	2.63	81
D * 3:58	1703.6	1702.4	1525.0	987.5	2.8	73	700	1704	741	510	8.7	8.7	68.8	75.9	.84	.91	5	.10	.87	8.6	8.7	12.0	383.6	2.63	80
D * 3:58	1708.9	1706.1	1525.0	1406		75	700	1695	741	506	8.7	8.7	68.9	76.1	.84	.92	5	-.00	.87	8.6	8.7	12.0	387.3	2.64	80
D * 3:59	1710.9	1706.1	1525.0	1406		75	700	1699	741	504	8.7	8.7	68.9	76.1	.84	.90	5	-.00	.87	8.6	8.7	12.0	387.3	2.64	80
D * 3:59	1715.3	1714.1	1532.0	587.5		42	-100	1686	741	500	8.7	8.7	68.9	76.3	.84	.90	4	.10	.87	8.6	8.7	12.0	395.3	2.64	78
D * 4: 6	1722.9	1720.6	1545.0	1979		77	600	1644	726	516	8.7	8.7	69.1	75.8	.83	.91	8	-.00	.87	8.6	8.7	12.0	401.8	2.65	77
D * 4: 7	1726.1	1723.2	1545.0	270.6		70	700	1649	726	506	8.7	8.7	69.1	75.7	.83	.92	7	-.00	.87	8.6	8.7	12.0	404.4	2.65	76
D * 4: 7	1730.0	1728.8	1555.0	697.8	4	77	700	1649	726	504	8.7	8.7	69.1	75.9	.83	.93	7	.13	.87	8.6	8.7	12.0	409.9	2.65	75
D * 4: 8	1737.8	1736.5	1562.0	400.1	1.8	77	700	1644	729	498	8.7	8.7	69.2	75.7	.83	.93	5	.24	.87	8.6	8.7	12.0	417.7	2.67	74
D * 4: 9	1740.4	1739.0	1562.0	52.8	5.5	73	900	1644	726	494	8.7	8.7	69.2	76.3	.83	.90	5	.63	.87	11.5	8.7	13.8	420.2	2.68	74
D * 4:21	1745.2	1743.9	1600.0	228.2	1.0	71	700	1636	736	516	8.7	8.7	69.4	76.2	.83	.90	8	.31	.87	8.6	8.7	12.0	425.1	2.73	73
D * 4:42	1750.2	1747.8	1739.0	6.9	7.2	74	1100	1704	741	480	8.7	8.7	70.3	78.3	.84	.85	5	1.00	.87	8.6	8.7	12.0	429.0	3.09	76
D * 4:43	1755.3	1753.9	1739.0	580.5	2.6	81	700	1723	737	482	8.7	8.7	70.3	78.1	.84	.86	5	.17	.87	8.6	8.7	12.1	435.0	3.10	75
D * 4:44	1763.6	1760.9	1740.0	762.7	2.2	83	700	1727	746	478	8.7	8.7	70.3	78.3	.85	.85	5	.17	.87	8.6	8.7	12.1	442.1	3.11	74
D * 4:44	1766.4	1764.1	1740.0	854.9	1.6	84	700	1727	746	480	8.7	8.7	70.3	78.2	.85	.85	5	.14	.87	8.6	8.7	12.1	445.3	3.12	73
D * 4:45	1771.6	1769.8	1741.0	645.9	2.2	84	600	1699	746	478	8.7	8.7	70.3	78.2	.85	.85	5	.18	.87	8.6	8.7	12.1	451.0	3.13	72
D * 4:45	1776.6	1775.4	1741.0	685.2	3.1	84	600	1699	741	478	8.7	8.7	70.3	78.2	.85	.85	5	.20	.87	8.6	8.7	12.1	456.5	3.13	71
D * 4:55	1782.6	1781.2	1743.0	1288	1.4	78	700	1699	741	500	8.7	8.7	70.7	77.4	.85	.87	9	-.00	.87	8.6	8.7	12.1	463.1	3.15	71
D * 4:55	1788.3	1784.9	1743.0	1364	-3	83	600	1789	736	496	8.7	8.7	70.8	77.7	.85	.86	9	.00	.87	8.6	8.7	12.1	466.1	3.15	70
D * 4:56	1791.9	1790.6	1744.0	784.8	2.0	79	700	1695	741	490	8.7	8.7	70.8	77.7	.85	.84	8	.16	.87	8.6	8.7	12.1	471.8	3.16	69
D * 4:56	1797.1	1795.9	1744.0	752.5	1.2	80	600	1709	742	488	8.7	8.7	70.8	77.8	.85	.85	7	.14	.87	8.6	8.7	12.1	477.0	3.17	69
D * 4:56	1800.2	1798.9	1744.0	813.2	1.4	82	700	1789	741	486	8.7	8.7	70.8	77.8	.85	.84	7	.13	.87	8.6	8.7	12.1	480.1	3.17	68
D * 4:57	1808.0	1806.8	1746.0	1186	1.0	77	600	1789	741	480	8.7	8.7	70.7	77.8	.85	.85	5	.09	.87	8.6	8.7	12.1	488.0	3.18	67
D * 5: 7	1812.0	1809.0	1747.0	197.4	.6	69	600	1542	702	582	8.7	8.7	71.0	77.0	.85	.85	9	-.00	.87	8.6	8.7	12.1	491.9	3.19	67
D * 5: 8	1820.0	1815.9	1747.0	773.4	-.9	71	600	1547	702	492	8.7	8.7	71.0	77.3	.85	.85	8	.00	.87	8.6	8.7	12.1	497.1	3.20	66
D * 5: 8	1820.0	1818.8	1747.0	802.3	1.4	71	600	1537	708	490	8.7	8.7	71.0	77.3	.85	.85	8	.09	.87	8.6	8.7	12.1	500.0	3.20	66
D * 5: 8	1827.1	1825.8	1747.0	1488		73	600	1537	702	484	8.7	8.7	70.2	77.4	.85	.85	7	.00	.87	8.6	8.7	12.1	507.0	3.20	65
D * 5: 9	1831.3	1829.0	1747.0	567.6	.6	74	700	1542	702	480	8.7	8.7	71.1	77.5	.85	.85	7	.13	.88	8.6	8.7	12.1	510.2	3.22	65
D * 5:10	1838.5	1835.3	1747.0	282.2	.6	78	700	1547	703	478	8.7	8.7	71.0	77.6	.85	.84	7	.07	.88	8.6	8.7	12.1	518.5	3.23	64
D * 5:19	1843.0	1840.6	1747.0	545.7	2	77	700	1598	717	482	8.7	8.7	71.1	77.4	.85	.85	7	-.00	.88	8.6	8.7	12.1	521.8	3.24	63
D * 5:19	1845.1	1843.4	1747.0	527.2	-1.5	79	700	1602	717	482	8.7	8.7	71.1	77.3	.84	.85	7	-.00	.88	8.6	8.7	12.1	524.6	3.24	63
D * 5:20	1851.6	1850.3	1747.0	833.7	1.7	71	600	1611	717	478	8.7	8.7	71.1	77.7	.84	.85	7	.00	.88	8.6	8.7	12.1	531.5	3.25	62
D * 5:20	1855.7	1854.5	1747.0	588.7	2.8	70	700	1611	717	476	8.7	8.7	71.1	77.8	.84	.85	7	.18	.88	8.6	8.7	12.1	535.7	3.25	62
D * 5:21	1860.9	1859.3	1748.0	1230	3.2	73	700	1611	717	474	8.7	8.7	71.1	77.7	.84	.84	7	.06	.88	8.6	8.7	12.1	540.5	3.26	61
D * 5:21	1866.3	1864.8	1748.0	466.5	2.6	70	700	1611	717	472	8.7	8.7	71.1	77.8	.84	.84	7	.21	.88	8.6	8.7	12.1	546.0	3.27	61
D * 5:30	1870.6	1869.4	1748.0	687.0	.0	75	700	1611	702	506	8.7	8.7	71.1	77.8	.84	.85	9	.16	.88	8.6	8.7	12.1	550.6	3.27	60
D * 5:30	1875.6	1874.2	1748.0	777.5	1.9	75	700	1635	721	494	8.7	8.7	71.2	77.3	.85	.86	8	.13	.88	8.6	8.7	12.2	555.4	3.28	60
D * 5:31	1881.4	1880.1	1748.0	1846	.0	77	600	1630	724	494	8.7	8.7	71.1	77.5	.85	.85	7	.09	.88	8.6	8.7	12.2	561.3	3.28	59
D * 5:31	1886.7	1885.4	1748.0	1843	4.3	77	700	1630	725	488	8.7	8.7	71.1	77.4	.84	.85	7	.11	.88	8.6	8.7	12.2	566.6	3.28	59
D * 5:32	1893.7	1890.8	1748.0	777.3	.6	77	700	1635	720	486	8.7	8.7	71.1	77.6	.84	.84	7	.11	.88	8.6	8.7	12.2	572.0	3.29	58
D * 5:32	1895.7	1894.0	1748.0	248.8	2.7	74	700	1635	722	480	8.7	8.7	71.1	77.8	.84	.85	7	.32	.88	8.6	8.7	12.2	575.2	3.30	58
D * 5:33	1900.8	1898.4	1748.0	667.6	1.6	77	700	1635	727	478	8.7	8.7	71.1	77.8	.85	.85	7	.15	.88	8.6	8.7	12.2	579.6	3.31	57
D * 5:40	1905.9	1904.7	1748.0	1731	2.3	78	700	1737	746	482	8.7	8.7	71.2	77.4	.85	.87	8	.02	.88	8.6	8.7	12.2	585.9	3.32	57

CROSS OUT
 VALUES
 WOB 20 to 1 klbs