

* BIT # 11 + UR SMITH DSG BIT DIAMETER : 17.50 inch NOZZ 10/18/19

MUD RHEOLOGICAL PARAMETERS : PV = 22 YP = 45 GEL = 15

466291

* TIME	* DEPTHS			* DRILLING PARAMETERS				* MUD PARAMETERS				* GAS *				* OVERPRESSURE SURVEY				* ACCUMULATED ON BIT *					
	* MEASURED	* VERTCL	* LAGGED	* ROP	* WOB	RPM	TORQ	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	* IN	* OUT	degF	IN	OUT	* unit	ppg	ppg	ppg	ppg	* feet	Dhr	\$		
D * 8:27	3802.9	3803.6	3715.0	104.3	3.7	81	1100	2306	805	492	8.9	9.0	86.7	94.5	.90	.96	4	.42	1.33	0.6	8.9	13.5	767.9	4.17	47
D * 8:28	3805.0	3805.8	3715.0	169.2	4.3	80	1100	2391	810	494	8.9	9.0	86.7	94.4	.89	.96	4	.45	1.33	0.6	8.9	13.5	770.2	4.10	47
D * 8:29	3808.0	3808.6	3719.0	97.1	4.5	82	1100	2391	810	496	8.9	9.0	86.8	94.8	.89	.95	4	.54	1.33	0.6	8.9	13.5	772.9	4.20	47
D * 8:43	3813.2	3812.7	3726.0	97.0	4.7	81	1000	2333	800	496	8.9	9.0	87.6	94.0	.91	.99	5	.49	1.33	0.6	8.9	13.5	777.0	4.23	47
D * 8:44	3814.2	3814.9	3726.0	598.2	2.1	82	1100	2337	800	494	8.9	9.0	87.6	93.6	.92	1.00	4	.22	1.33	0.6	8.9	13.5	779.3	4.24	47
D * 8:45	3817.1	3818.5	3731.0	138.5	6.4	80	1100	2337	795	492	8.9	9.0	87.6	93.6	.92	.99	4	.46	1.33	0.6	8.9	13.5	782.9	4.26	47
D * 8:46	3820.2	3820.7	3731.0	155.6	7.0	77	1300	2337	795	488	8.9	9.0	87.6	94.3	.92	.99	5	.44	1.33	0.6	8.9	13.5	785.0	4.28	47
D * 8:48	3823.1	3824.6	3737.0	128.5	7.5	78	1100	2333	795	484	8.9	9.0	86.0	93.8	.92	.99	4	.49	1.33	0.6	8.9	13.5	788.9	4.30	47
D * 8:49	3826.2	3827.5	3743.0	76.4	5.6	83	1100	2333	800	488	8.9	9.0	85.9	93.8	.92	1.00	4	.56	1.33	0.6	8.9	13.5	791.9	4.33	47
D * 8:51	3829.1	3829.6	3747.0	129.2	6.4	79	1100	2337	800	488	8.9	9.0	87.3	94.1	.93	.99	5	.51	1.33	0.6	8.9	13.5	793.9	4.36	47
D * 8:52	3832.2	3833.7	3747.0	110.1	4.6	79	1300	2346	800	486	8.9	9.0	87.6	93.9	.94	1.00	5	.52	1.33	0.6	8.9	13.5	798.1	4.38	47
D * 8:54	3835.1	3836.6	3749.0	73.7	4.6	77	1000	2337	800	488	8.9	9.0	87.6	93.6	.94	1.00	4	.57	1.33	0.6	8.9	13.5	800.9	4.42	47
D * 8:56	3838.1	3838.6	3749.0	127.4	5.8	78	1100	2346	801	486	8.9	9.0	87.7	94.0	.94	1.00	4	.50	1.33	0.6	8.9	13.5	803.0	4.44	47
D * 8:57	3841.3	3842.8	3749.0	172.8	9.1	78	1200	2342	794	486	8.9	9.0	87.7	93.8	.94	1.01	4	.44	1.33	0.6	8.9	13.5	807.1	4.46	46
D * 8:57	3844.0	3844.6	3749.0	517.4	6.2	79	1000	2351	795	488	8.9	9.0	87.7	94.0	.94	1.00	4	.24	1.33	0.6	8.9	13.5	809.0	4.47	46
D * 9:11	3847.8	3849.1	3761.0	1120.	2.9	84	1200	2302	790	488	8.9	9.0	87.6	93.1	.97	1.01	5	.89	1.33	0.6	8.9	13.5	813.4	4.49	46
D * 9:12	3850.1	3850.6	3761.0	235.7	-6	82	1300	2290	790	484	8.9	9.0	87.7	92.9	.97	1.01	5	.80	1.33	0.6	8.9	13.5	815.0	4.50	46
D * 9:13	3853.2	3853.6	3765.0	160.7	1.9	78	1100	2290	800	486	8.9	9.0	87.7	92.8	.98	1.01	4	.36	1.34	0.6	8.9	13.5	817.9	4.51	46
D * 9:14	3856.0	3856.6	3765.0	219.1	5.2	82	1400	2290	788	488	8.9	9.0	87.6	92.9	.98	1.01	5	.37	1.34	0.6	8.9	13.5	821.0	4.53	46
D * 9:15	3859.3	3860.5	3769.0	157.9	3.5	81	1300	2293	790	490	8.9	9.0	87.5	93.6	.98	1.00	5	.41	1.34	0.6	8.9	13.5	824.9	4.55	46
D * 9:16	3862.3	3863.8	3769.0	171.2	2.9	81	1200	2302	790	492	8.9	9.0	87.5	93.6	.98	1.00	4	.42	1.34	0.6	8.9	13.5	828.2	4.57	46
D * 9:17	3865.8	3866.9	3774.0	216.2	3.7	79	1200	2302	790	494	8.9	9.0	87.4	93.6	.98	1.00	4	.39	1.34	0.6	8.9	13.5	831.2	4.58	46
D * 9:18	3868.4	3867.8	3774.0	256.7	2.3	80	1100	2306	790	490	8.9	9.0	87.4	93.8	.99	1.00	4	.35	1.34	0.6	8.9	13.5	832.1	4.59	46
D * 9:28	3872.1	3871.7	3780.0	867.3	-4.7	82	900	2355	795	506	8.9	9.0	81.6	93.6	.98	.98	7	.12	1.34	0.6	8.9	13.5	836.0	4.60	45
D * 9:29	3874.4	3875.5	3780.0	265.2	-4	78	1000	2342	800	506	8.9	9.0	87.8	93.6	.98	.98	7	.80	1.34	0.6	8.9	13.5	839.0	4.61	45
D * 9:29	3877.2	3878.7	3780.0	337.1	-2.0	77	900	2351	805	504	8.9	9.0	87.3	93.7	.98	.98	7	.80	1.34	0.6	8.9	13.5	843.1	4.62	45
D * 9:33	3881.2	3882.6	3789.0	1056.	3.5	79	1700	2351	798	498	8.9	9.0	87.4	93.7	.98	.97	4	.12	1.34	0.6	8.9	13.5	846.9	4.68	45
D * 9:34	3883.1	3884.5	3789.0	182.5	6.3	78	1100	2337	795	500	8.9	9.0	87.4	94.2	.98	.97	4	.42	1.34	0.6	8.9	13.5	848.9	4.69	45
D * 9:35	3886.1	3886.9	3793.0	239.5	2.8	81	1000	2342	800	500	8.9	9.0	87.5	94.1	.98	.96	4	.35	1.34	0.6	8.9	13.5	851.2	4.70	45
D * 9:36	3889.2	3890.7	3798.0	108.7	7.6	81	1100	2337	800	496	8.9	9.0	87.4	94.5	.98	.96	5	.53	1.34	0.6	8.9	13.5	855.1	4.73	45
D * 9:38	3892.4	3893.8	3798.0	134.5	3.8	81	1100	2342	800	496	8.9	9.0	87.5	94.5	.98	.95	4	.46	1.34	0.6	8.9	13.5	858.1	4.76	45
D * 9:40	3895.1	3896.6	3804.0	121.2	7.2	78	1100	2342	795	496	8.9	9.0	87.4	94.6	.98	.95	3	.40	1.34	0.6	8.9	13.5	860.9	4.79	45
D * 9:40	3898.4	3899.0	3804.0	516.6	1.8	80	1000	2337	799	496	8.9	9.0	87.5	94.9	.98	.94	4	.22	1.34	0.6	8.9	13.5	863.3	4.80	45
D * 9:41	3901.2	3900.9	3808.0	146.8	3.2	80	1200	2337	805	496	8.9	9.0	87.5	95.1	.98	.93	4	.23	1.34	0.6	8.9	13.5	867.0	4.81	45
D * 9:54	3906.0	3907.5	3808.0	891.1	2.2	81	1100	2284	790	498	8.9	9.0	88.9	94.0	.97	.93	7	.13	1.34	0.6	8.9	13.5	871.0	4.83	45
D * 9:54	3907.5	3907.9	3808.0	215.3	-1.3	82	1000	2289	790	498	8.9	9.0	86.1	93.8	.97	.93	7	.80	1.34	0.6	8.9	13.5	872.2	4.83	45
D * 9:55	3910.3	3911.8	3809.0	303.5	.6	79	1400	2284	785	496	8.9	9.0	87.3	94.7	.97	.93	5	.80	1.34	0.6	8.9	13.5	876.1	4.84	44
D * 9:56	3913.1	3914.6	3809.0	143.8	.8	76	1100	2280	795	494	8.9	9.0	87.4	94.2	.97	.93	5	.33	1.34	0.6	8.9	13.5	878.9	4.85	44
D * 9:57	3916.4	3917.9	3814.0	334.1	3.2	77	1200	2284	785	492	8.9	9.0	87.8	94.2	.97	.93	5	.30	1.34	0.6	8.9	13.5	882.3	4.87	44
D * 9:58	3921.7	3922.9	3814.0	459.6	2.4	79	1000	2284	790	490	8.9	9.0	87.8	94.4	.97	.92	4	.22	1.34	0.6	8.9	13.5	887.3	4.89	44
D * 9:58	3923.0	3924.0	3814.0	283.3	3.8	82	1100	2284	785	490	8.9	9.0	87.8	94.5	.97	.92	4	.32	1.34	0.6	8.9	13.5	888.4	4.89	44
D * 9:58	3926.4	3926.5	3814.0	535.7	3.2	78	1000	2284	785	486	8.9	9.0	87.8	94.5	.97	.93	4	.20	1.34	0.6	8.9	13.5	890.9	4.90	44
D * 9:59	3928.0	3929.3	3814.0	500.7	1.8	77	1100	2284	785	488	8.9	9.0	87.8	94.6	.97	.93	3	.20	1.34	0.6	8.9	13.5	893.6	4.90	44
D * 10:12	3931.8	3932.9	3826.0	918.6	-2.2	85	900	2293	790	478	8.9	9.0	87.8	93.3	.96	.95	9	.80	1.34	0.6	8.9	13.5	897.3	4.92	44
D * 10:12	3937.5	3933.5	3826.0	312.8	1.5	82	1100	2289	790	474	8.9	9.0	87.9	94.1	.96	.94	8	.80	1.34	0.6	8.9	13.5	897.9	4.92	44
D * 10:13	3940.1	3940.7	3830.0	270.7	2.6	82	1100	2284	784	468	8.9	9.0	87.8	94.2	.96	.94	8	.29	1.34	0.6	8.9	13.5	905.0	4.93	43
D * 10:13	3943.8	3943.7	3830.0	545.4	3.6	78	1200	2284	790	474	8.9	9.0	87.9	94.5	.96	.94	8	.23	1.34	0.6	8.9	13.5	908.0	4.94	43
D * 10:13	3946.2	3947.3	3830.0	644.0	1.8	82	1100	2280	785	480	8.9	9.0	87.3	94.1	.96	.94	7	.18	1.34	0.6	8.9	13.5	911.6	4.95	43
D * 10:14	3949.2	3950.6	3830.0	283.2	1.1	79	1000	2284	784	484	8.9	9.0	87.8	94.5	.96	.94	5	.29	1.34	0.6	8.9	13.6	915.0	4.96	43