TOOT-A-CHLOR CHLORIDE ANALYSIS

Permit 960

BY: DR. CHARLES H. TOOTLE, P. E.

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PERMIT 960; MESA PETROLEUM COMPANY; BUCKEYE CELLULOSE CORPORATION WELL NO. 23-1; WILDCAT; NE/4 SECTION 23, TOWNSHIP 6 SOUTH, RANGE 7 WEST; FRANKLIN COUNTY; FLORIDA.

DEPTH (FT.)	LOG RESISTIVITY (ILD)	POROSITY ESTIMATED (FRAC.)	TEMP (F.)	WATER RESISTIVITY (OHMS)	CHLORIDES AS NACL (PPM)	WATER QUALITY (COLOR)
300	80	.6	83	28.8	145.8656	BLUE
350	70	.6	83.5	25.2	166.7619	BLUE
400	55	.6	84	19.8	213.4993	BLUE
450	400	.6	84.5	144	26.34828	BLUE
500	80	.55	85	24.2	170.6958	BLUE
550	90	.52	85.5	24.336	168.6204	BLUE
600	40	.41	86	6.724	647.7715	GREEN
650	23	.45	86.5	4.6575	946.9949	GREEN
700	9.2	.45	87	1.863	2547.867	YELLOW
750	7.5	.42	87.5	1.323	3626.363	YELLOW
800	13	.45	88	2.6325	1751.063	GREEN
850	8.5	.45	88.5	1.72125	2718.089	YELLOW
900	9	.3	89	.8100001	5958.047	RED
950	5.6	.35	89.5	.686	7050.227	RED
1000	6.1	.22	90	.29524	16973.46	RED
1050	3.2	.25	90.5	.2	25473.8	RED
1100	2	.43	91	.3698	13243.82	RED
1150	2.1	.39	91.5	.3194099	15353.48	RED
1200	2	.37	92	.2738	17942.09	RED
1250	1.2	.3	92.5	.108	50425.98	RED
1300	1	.45	93	.2025	24338.05	RED
1350	1.8	.23	93.5	.09522	57560.4	RED
1400	1.4	.39	94	.21294	22823.94	RED
1450	.95	.42	94.5	.16758	29697.19	RED
1500	1.3	.54	95	.37908	12321.3	RED
1550	.85	.41	95.5	.142885	35237.55	RED
1600	.88	.39	96	.133848	37757.02	RED
1650	.8	.42	96.5	.14112	35318.17	RED
1700	.8	.39	97	.12168	41627.2	RED
1750	1.1	.28	97.5	.08624	61461.18	RED
1800	1	.37	98	.1369	35927.95	RED
1850	1.1	.36	98.5	.14256	34093.36	RED
1900	1.1	.37	99	.15059	31826.69	RED

1900	1.1	.37	99	.113925	43602.46	RED
1950	.93	.35	99.5	.07595	69078.4	RED
2000	.62	.35	100	8.624701E-02	59347.33	RED
2050	.63	.37	100.5	.06656	79473.53	RED
2100	.65	.32	101	.101306	48768.53	RED
2150	.74	.37	101.5	7.949701E-02	64070.68	RED
2200	.73	.33	102	.089088	55894.78	RED
2250	.87	.32	102.5	.13068	35788.65	RED
2300	1.2	.33	103	9.147601E-02	53618.37	RED
2350	.84	.33	103.5	.099072	48651.49	RED
2400	.43	.48	104	.0735	68184.75	RED
2450	.6	.35	104.5	.068208	73890.61	RED
2500	.87	.28	105	.0855	56683.3	RED
2550	.95	.3	105.5	.06292	80189.75	RED
2600	1.3	.22	106	.045292	116362.2	RED
2650	.67	.26	106.5	.05292	96782.08	RED
2700	1.2	.21	107	.072075	67499.41	RED
2750	.75	.31	107.5	.13872	31640.13	RED
2800	1.2	.34	108	.0468	109688.4	RED
2850	.52	.3	108.5	5.009401E-02	100906.1	RED
2900	.46	.33	109	.102675	44003.95	RED
2950	.75	.37	109.5	.14112	30373.87	RED
3000	.45	.56	110	.079763	58204.08	RED
3050	.83	.31	110.5	.15884	26238.85	RED
3100	1.1	.38	111	.16928	24262.18	RED
3150	.8	.46	111.5	.047081	105024.8	RED
3200	.89	.23	112	.056108	85414.12	RED
3250	.83	.26	112.5	.03125	166484	RED
3300	.5	.25	113	.037004	136403.4	RED
3350	.44	.29	113.5	.044573	109586.2	RED
3400	.53	.29	114	.03744	133226.9	RED
3450	.65	.24	114.5	.044573	108489.4	RED
3500	.53	.29	115			