Chief Drilling Co., Inc.
#1 Klenk
NE SW NW Sec. 3-10S-23W
Graham County, Kansas

Elev.: 2438 K.B.
R.T.D.: 3975 feet, D & A

DRILLING TIME LOG

DEPTH	TIME		REMARKS
3300 - 3310	1-1-1-1-1	2-2-1-2-2	
3320	3-2-3-1-1	2-2-2-1-2	
3330	1-1-1-2-1	1-1-1-2-1	
3340	1-1-1-1-1	2-2-3-3-2	
3350	2-3-2-2-3	3-3-4-3-3	
3360	3-3-3-2-3	3-3-2-3-3	
3370	2-2-2-3-2	1-3-3-2-3	
3380	2-2-2-3-2	2-2-3-2-2	
3390	1-2-1-1-1	1-2-1-1-1	
3400	1-2-2-2-3	3-3-2-3-4	
3400 - 3410	3-3-3-3-4	5-3-3-3-3	
3420	4-3-3-4-5	3-3-3-4-3	
3430	3-4-5-5-5	4-3-3-3-2	
3440	3-3-2-3-3	3-2-2-2-1	
3450	1-1-1-2-1	½-½-1-2-2	
3460	3-2-2-2-3	4-4-3-3-3	
3470	3-3-1-1-3	4-4-3-4-3	
3480	5-2-1-2-1	1-1-1-1-2	
3490	1-1-2-2-2	3-5-2-2-2	
3500	3-3-4-2-3	5-5-4-5-6	
3500 - 3510	6-5-4-5-5	3-4-6-5-3	
3520	4-5-6-9-6	5-6-8-8-7	
3530	5-4-6-7-4	5-4-2-2-2	
3540	3-2-3-3-2	3-3-2-4-5	
3550	5-4-6-5-4	2-2-3-3-4	
3560	4-4-3-3-3	2-3-4-6-6	
3570	5-5-4-2-2	1-1-1-2-2	
3580	2-2-3-4-6	6-7-8-8-5	
3590	5-2-2-4-4	6-5-6-6-5	
3600	6-4-4-4-6	7-10-11-10-4	
3600 - 3610	6-7-8-4-3	4-3-3-6-3	
3620	3-2-4-4-4	4-5-6-6-7	
3630	5-6-5-4-3	3-3-3-4-3	
3640	4-2-2-2-3	2-4-8-10-10	
3650	10-9-7-9-5	8-6-12-11-15	
3660	10-15-12-7-9	13-14-17-4-7	
3670	9-2-1-½-½	2-1-2-1-1	Trip @ 3661
3680	2-3-2-3-7	5-4-5-3-2	
3690	½-½-½-½-1	1-½-½-1-1	
3700	1-1-2-1-1	1-3-3-2-2	

Chief Drilling Co., Inc.
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NE SW NW Sec. 3-10S-23W
Graham County, Kansas
Drilling Time Log

Depth	Time		Remarks
3700 - 3710	3-2-3-2-2	2-1-2-2-2	
3720	2-3-3-4-2	3-3-3-2-1	
3730	5-5-6-7-9	6-3-3-3-5	
3740	4-3-3-4-3	3-4-2-5-5	
3750	5-7-7-12-11	12-12-8-5-6	
3760	6-9-10-5-7	6-6-10-13-16	
3770	9-7-8-9-9	9-9-10-10-10	
3780	11-9-11-14-11	5-7-4-5-4	Trip @ 3775
3790	3-3-4-4-5	11-7-9-11-10	
3800	10-8-5-4-5	14-8-10-14-9	
3800 - 3810	9-11-14-14-13	14-14-13-14-13	
3820	10-10-13-12-13	10-7-5-12-12	
3830	11-7-7-6-7	9-10-5-5-4	Circ. @ 3825
3840	5-5-6-9-6	10-10-7-12-11	
3850	13-9-7-5-4	4-9-5-7-8	
3860	11-10-10-7-5	6-9-9-10-12	
3870	11-10-11-12-9	10-10-10-12-13	
3880	12-10-9-3-8	13-12-8-4-3	
3890	5-4-5-4-5	10-6-9-10-9	
3900	13-13-13-12-14	13-12-12-10-6	
3900 - 3910	13-11-5-5-5	5-5-6-10-15	
3920	15-15-13-7-5	4-5-5-5-8	Trip @ 3917
3930	7-7-8-7-8	7-8-9-8-9	
3940	10-8-6-7-6	5-6-6-5-6	
3950	6-8-7-8-6	6-6-7-10-6	
3960	10-8-6-8-8	6-5-7-7-9	
3970	7-9-10-9-9	10-8-10-9-8	
3975, RTD	8-9-10-7-7		D & A, Sept. 7, 1964