CHIEF DRILLING CO., INC.
RIEDEL #1
NW SW SW SECTION 6-10S-24W
GRAHAM COUNTY, KANSAS

Elev.: 2463 KB
R.T.D.: 4000'

DRILLING TIME LOG

DEPTH	TIME		REMARKS
3200 - 3210	3-3-3 1/2-3 1/2-4	3-4-3-2-3	
3220	2 1/2-3-2 1/2-3-2 1/2	3-3 1/2-3-4-3	
3230	2-3-2-2-2	3-2-2-1-2 1/2	
3240	2-1 1/2-2-2-1	1 1/2-2 1/2-2-2-2	
3250	2-3-2 1/2-1 1/2-2	2-2-2-2-3	
3260	3-4-2-2-2	2-3-1 1/2-1 1/2-2	
3270	3-3-3-3-3	2-1-1-2-1	
3280	1-2-2-3-2 1/2	1-2 1/2-2-3-2	
3290	2-2-3-2-2	2-3-3-5-5	
3300	3-2-4-4-2	2-2-2-1-1	
3300 - 3310	1-2-2-2-1	3-2-2-2-2	
3320	1-3-2-2-3	2-1-5-4-3	
3330	2-2-2-2-2	1-1/2-1-1/2-1	
3340	1-1-2-1-1	2-1-3-3-2	
3350	2-1-2-1 1/2-1 1/2	2-1-2-2-2	
3360	1-2-2-2-1	2-1-1-1-2	
3370	3-2-3-3-2	2-2-2-2-3	
3380	3-2-3-3-3 1/2	2 1/2-1 1/2-2 1/2-4 1/2-2 1/2	
3390	3-2 1/2-3 1/2-4-3	3-1-2-4-4	
3400	3-3-2-2	3-2-2-2-1	
3400 - 3410	2-1-1-1/2-1/2	1-2-1-1-1	
3420	1-1-1-1-2	3-2-2-2-4	
3430	2-4-2-3-3	3-3-2-2-3	
3440	3-5-3-4-3	4-3-2-4-4	
3450	4-3-2-2-2	3-2-2-3-4	
3460	2-3-4-3-3	4-4-3-3-3	Trip @ 3452
3470	4-3-3-4-3	2-3-4-3-2	
3480	2-2-2-2-4	3-4-3-6-5	
3490	5-3-3-3-5	5-3-4-3-4	
3500	4-4-3-4-3	4-4-3-4-4	
3500 - 3510	4-3-3-3-3	1-1-1-3-4	
3520	5-4-5-3-4	3-3-3-3-3	
3530	4-3-4-4-5	4-5-4-5-4	
3540	5-4-5-5-4	4-5-3-4-5	
3550	5-4-4-4-3	4-4-3-2-2	
3560	2-3-2-3-5	6-6-5-5-4	
3570	4-5-5-8-5	7-3-2-1-2	
3580	1-2-1-1-3	3-1-2-1-2	
3590	2-1-1-3-4	5-4-3-3-3	
3600	2-3-2-2-2	1-2-3-1-4	

Chief Drilling Co., Inc.
Riedel #1
NW SW SW Section 6-10S-24W
Graham County, Kansas
Drilling Time Log

DEPTH	TIME		REMARKS
3600 - 3610	2-2-3-3-4	1-2-2-2-4	
3620	5-5-5-5-6	5-5 1/2-3 1/2-3-4	
3630	4-4-4-3-3	3-3-3-3-3	
3640	3-5-5-5-5	4-5-3-1 1/2-1/2	
3650	1-1/2-1 1/2-3-4	3-2-3-2-2	
3660	2-5-7-7-9	7-7-10-14-15	
3670	6-5-6-6-6	4-6-6-6-7	
3680	6-5-3-7-7	7-5-4-4-2	
3690	1-1-1-2-1 1/2	2-3 1/2-3-2-1 1/2	
3700	2 1/2-5 1/2-7 1/2-9-10	9-6-8-7-5	
3700 - 3710	6-5-3-2-2	2-2-2-2-2	
3720	1-2-1-2-2	2-3-3-2-4	
3730	3-4-3-4-5	3-2-2-2-3	
3740	5-4-3-3-6	7-8-9-12-7	
3750	6-7-6-8-10	10-10-6-6-6	
3760	6-6-6-7-7	5-7-8-9-10	
3770	11-13-8-8-5	7-7-7-8-5	DST #1 @ 3764 - Circ.
3780	3-2 1/2-1 1/2-2 1/2-2	2-7-8-8-9	DST #2 @ 3775 - Circ.
3790	9-8-8-8-8	8-9-8-8-9	
3800	11-6-6-7-7	8-8-6-9-8	
3800 - 3810	7-7-7-8-5	6-5-6-5-4	Circ. @ 3804
3820	5-6-5-5-6	6-5-6-6-6	DST #3 @ 3820 Circ
3830	5-8-7-7-7	8-8-7-7-8	
3840	6-6-8-9-8	7-10-6-7-7	Circ. @ 3840
3850	5-4-4-3-3	4-4-4-5-4	
3860	3-3-5-6-3	3-4-4-5-4	
3870	7-6-5-6-5	5-6-6-6-5	
3880	6-7-6-6-6	6-6-5-6-5	
3890	6-7-6-6-7	7-5-2-8-6	
3900	6-7-6-5-5	5-5-6-7-6	
3900 - 3910	3-3-5-6-5	7-6-7-5-5	
3920	6-6-6-6-7	8-8-8-8-7	DST #4 @ 3914
3930	7-5-6-7-6	6-6-5-6-6	
3940	5-6-5-5-5	9-8-8-8-8	DST #5 @ 3936 - Circ.
3950	8-6-6-7-4	5-4-4-6-7	
3960	8-9-9-9-10	6-10-6-5-6	DST #6 @ 3958 - Circ.
3970	6-9-6-5-6	5-5-5-7-8	
3980	5-8-8-8-9	7-7-6-6-6	
3990	5-8-6-6-7	7-6-8-8-5	
4000	7-6-9-8-10	8-7-5-6-4	Circ @ 4000, RTD, D&A