

WALTERS DRILLING CO., etal
TILLEY #1
C SW/4 SE/4 Section 8-17S-24W
Ness County, Kansas

DRILLING TIME LOG

<u>From-To</u>	<u>Minutes</u>	<u>Remarks</u>
3500-10	3-2-1-2-2-2-3-4-4-4	
10-20	3-2-3-3-4-3-4-3-2-3	
20-30	2-4-5-4-2-2-2-1-2-2	
30-40	2-2-2-2-2-2-4-3-3-2	
40-50	2-4-3-4-5-5-5-5-2-4	
50-60	5-4-4-3-5-4-3-4-3-4	
60-70	4-4-4-4-3-3-3-5-4-3	
70-80	2-1-1-1-1-1-1-1-1-2	
80-90	3-3-1-1-1-1-3-1-1-1	
90-3600	1-1-1-1-1-1-1-1-1-3-4	
3600-10	3-3-3-3-5-3-5-4-4-3	
10-20	4-3-4-4-4-4-4-4-5-8	
20-30	7-6-5-6-6-6-2-1-2-2	
30-40	2-5-4-5-5-6-3-4-2-3	
40-50	3-1-3-2-2-2-2-1-1-1	
50-60	1-1-3-3-5-3-2-2-2-2	
60-70	3-2-2-1-2-2-2-2-2-1	
70-80	2-6-4-5-2-2-2-4-4-5	
80-90	1-3-3-6-2-4-4-5-3-4	
90-3700	3-3-4-4-5-5-8-5-7-5	
3700-10	5-5-2-3-3-3-5-3-3-5	
10-20	5-7-6-10-6-5-3-2-3-5	
20-30	6-7-5-2-3-3-6-8-7-3	
30-40	4-4-4-4-5-8-9-9-10-10	
40-50	10-10-7-8-10-14-13-15-15-13	Trip @ 3750'
50-60	7-5-4-4-2-2-2-2-2-2	
60-70	3-4-5-6-5-3-2-2-2-2	
70-80	2-2-2-3-3-8-6-6-2-3	
80-90	7-5-3-2-2-3-3-2-2-1	
90-3800	1-2-2-2-3-4-4-4-4-5	
3800-10	6-5-4-4-4-4-4-4-4-4	
10-20	5-3-3-4-2-2-3-2-3-4	
20-30	3-3-2-5-7-6-8-7-5-3	
30-40	4-5-4-3-3-3-4-4-8-8	
40-50	7-7-6-7-6-6-6-6-7-8	
50-60	6-8-9-5-3-3-3-3-4-3	
60-70	3-4-9-6-6-4-7-7-6-6	
70-80	5-7-8-6-6-7-6-7-9-7	
80-90	7-7-7-8-8-7-8-9-12-10	
90-3900	8-11-10-6-5-5-6-5-7-9	
3900-10	7-4-7-9-10-7-10-12-5-8	
10-20	8-12-8-6-7-6-7-4-5-5	
20-30	5-4-5-6-8-11-11-11-14-12	
30-40	13-11-9-14-11-7-7-7-7-7	
40-50	6-4-4-4-3-5-5-7-10-9	
50-60	9-7-6-6-4-7-9-9-9-8	
60-70	8-8-7-7-6-7-9-9-7-9	
70-80	6-4-4-4-4-1-1-1-1-1	
80-90	1-2-2-3-5-7-7-9-9-10	
90-4000	8-9-7-8-9-10-10-8-6-7	Trip @ 3935', Strap D.P.

WALTERS DRILLING CO.,
TILLEY #1
DRILLING TIME LOG

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<u>From-To</u>	<u>Minutes</u>	<u>Remarks</u>
4000-10	6-8-8-8-6-7-6-5-9-10	
10-20	11-10-10-11-7-9-12-11-10-11	
20-30	12-8-7-5-5-4-5-12-13-12	
30-40	9-10-15-14-9-14-11-13-13-12	
40-50	13-7-13-14-13-5-4-4-4-4	Trip @ 4045'
50-60	5-4-4-5-6-4-5-7-7-7	
60-70	6-7-8-8-8-8-8-8-8-10	
70-80	10-10-8-5-3-3-4-4-4-4	
80-90	5-6-6-8-8-9-9-8-8-10	
90-4100	10-10-10-10-10-10-10-10-10-10	
4100-10	5-4-5-7-6-5-4-6-8-9	
10-20	9-10-10-11-11-9-10-10-9-9	
20-30	9-8-9-12-10-8-12-12-7-5	
30-40	12-13-12-7-5-6-7-8-10-10	
40-50	9-8-6-9-9-12-9-9-7-8	
50-60	13-11-12-12-15-11-4-6-14-8	Trip @ 4160'
60-70	4-5-3-4-6-7-6-5-5-5	
70-80	5-5-4-5-5-4-3-3-5-7	
80-90	6-7-6-5-5-3-4-6-6-4	
90-4200	5-4-5-3-5-4-4-5-5-5	
4200-10	5-5-6-4-6-5-4-6-4-5	
10-20	4-5-4-5-5-5-6-5-5-4	
20-30	5-5-5-3-5-5-5-5-5-5	
30-40	7-5-8-8-6-5-5-6-6-6	
40-50	6-7-7-7-6-6-6-6-6-6	
50-60	8-9-9-8-10-9-8-8-8-7	
60-70	7-7-11-9-6-10-10-7-7-11	
70-80	7-7-6-5-5-5-5-5-5-6	
80-90	7-7-7-10-11-10-7-8-8-8	
90-4300	8-8-7-9-9-6-8-9-7-8	
4300-10	8-8-7-8-8-7-8-7-8-8	
10-20	8-7-8-10-9-9-8-7-8-9	
20-30	7-8-8-7-7-7-7-8-8-8	
30-40	7-8-7-7-9-8-7-7-7-7	
40-50	7-7-7-7-10-7-7-7-7-6	
50-60	6-6-6-4-2-3-3-3-5-12	
60-70	9-4-9-9-10-10-9-9-9-10	
70-80	9-8-4-5-5-9-10-6-6-8	
80-90	9-9-9-6-6-4-6-7-7-8	
90-4400	11-9-9-9-9-7-7-11-11-11	
4400-10	10-9-10-10-9-6-6-6-7-7	
10-20	9-9-6-7-6-6-7-7-7-8	
20-30	8-8-7-7-7-10-10-10-8-8	
30-40	10-12-10-4-5-5-5-5-5-4	
40-50	6-7-6-4-6-7-6-6-5-5	
50-60	6-5-5-6-4-3-3-3-3-14	
60-70	8-9-8-9-13-12-9-8-13-11	
70-73	8-8-10	
Total Depth - 4473'		Circ. @ 4452' Core 4459-68', 4468-73' D.S.T. #1 4465-73'.