

DRILLING TIME LOG

McClean No. 1
 C SW SW Sec. 34-22S-22W
 Hodgeman County, Kansas

Depth Minutes Remarks

1' Intervals:

3500 - 3510	3-2-2-4-2/1-1-2-2-2	
20	3-3-2-2-2/1-1-1-1-1	
30	2-2-1-1-1/2-5-5-5-3	
40	3-2-2-3-3/4-3-3-2-3	
50	3-5-3-4-6/4-6-5-6-5	
60	5-6-4-4-4/3-4-3-5-2	
70	5-6-5-4-1/2-2-3-2-2	
80	2-2-2-1-1/1-2-1-2-4	
90	3-1-1-2-3/3-7-5-4-4	
3600	8-6-5-4-6/4-6-3-9-8	
3600 - 3610	8-8-8-8-5/6-8-7-9-6	
20	5-4-2-7-9/2-4-4-3-4	
30	4-4-4-3-4/3-4-5-3-3	
40	4-4-3-4-4/3-5-3-4-3	
50	4-3-3-3-4/4-3-3-3-3	
60	3-2-3-3-3/3-3-4-6-4	
70	5-2-3-3-3/3-2-4-4-4	
80	3-3-3-3-3/4-3-3-3-6	
90	4-2-2-2-4/12-11-8-5-3	
3700	6-3-4-5-5/4-3-3-3-2	
3700 - 3710	4-4-5-4-6/5-4-3-4-3	
20	4-3-5-4-3/3-4-3-3-2	
30	2-3-2-3-2/2-2-2-2-2	
40	2-2-4-5-5/3-4-3-5-8	
50	8-7-6-6-3/3-4-13-13-8	
60	6-6-8-6-6/5-5-6-4-3	
70	4-6-9-6-8/7-4-4-4-3	
80	3-3-3-3-2/3-3-2-2-3	
90	4-4-5-4-4/5-2-2-2-2	
3800	2-1-2-1-2/1-1-1-2-1	

Trip @ 3766

Depth	Minutes	Remarks
3800 - 3810	2-2-1-2-1/3-3-5-4-4	
20	4-5-3-4-5/6-5-4-3-4	
30	5-4-4-2-3/2-4-6-8-5	
40	5-5-4-2-4/3-4-8-9-10	1' Kelly Correction @ 3836
50	8-8-9-9-8/9-10-5-5-8	
60	3-4-3-5-4/9-9-4-4-6	
70	5-5-4-4-4/3-2-1-4-5	
80	6-5-7-8-8/9-10-11-11-10	
90	10-11-5-11-10/7-13-10-4-3	
3900	6-13-14-10-14/12-14-16-13-7	
3900 - 3910	8-8-12-16-4/3-3-5-2-3	Trip for Bit at 3904
20	3-3-4-5-5/7-7-7-5-5	
30	5-8-9-10-10/10-11-9-8-10	
40	7-4-4-7-5/4-3-2-2-3	
50	3-7-6-4-4/3-3-4-7-5	
60	4-4-5-4-3/3-4-2-4-2	
70	5-4-4-3-8/12-11-12-10-12	
80	10-11-10-4-3/10-9-7-8-12	
90	11-6-4-4-3/3-4-3-4-7	
4000	7-5-6-5-6/7-8-9-10-9	
4000 - 4010	10-9-9-4-9/10-11-12-7-4	
20	6-11-11-8-3/5-7-9-10-10	
30	9-10-10-11-8/13-12-13-12-13	
40	16-15-6-5-7/8-4-4-2-2	
50	9-9-3-1-2/9-12-9-4-4	
60	5-6-11-10-12/12-9-7-6-7	
70	7-13-14-14-10/5-4-2-4-5	
80	5-9-7-6-6/8-6-6-7-5	Trip for Bit at 4079
90	5-5-6-5-6/7-6-6-6-8	
4100	7-7-7-7-5/5-4-4-5-4	
4100 - 4110	3-4-6-7-7/7-7-7-7-7	
20	8-6-7-7-8/8-5-4-4-5	
30	5-4-6-6-7/4-5-6-5-6	
40	6-5-6-6-5/6-6-6-7-6	
50	8-6-9-8-9/9-7-5-7-10	
60	8-5-3-11/9-9-5-7-8-9	
70	10-13-10-11-7/3-3-5-11-12	
80	11-11-12-12-12/4-9-11-8-3	
90	4-3-4-9-7/8-9-10-9-11	
4200	11-9-8-4-8/12-10-8-5-7	

Depth	Minutes	Remarks
4200 - 4210	10-13-10-9-10/11-14-13-9-6	
20	11-13-12-9-14/8-4-5-4-12	
30	5-4-8-12-12/9-9-11-12-13	Trip for Bit at 4231
40	15-7-6-6-8/7-6-7-8-7	
50	7-7-8-7-9/8-8-9-0-7	
60	4-4-5-9-10/8-9-10-10-9	
70	10-9-8-10-10/11-11-9-12-8	
80	5-6-5-6-6/9-8-10-9-8	
90	11-10-10-10-10/11-10-10-11-10	
4300	11-9-9-10-9/9-11-8-7-7	
4300 - 4310	7-7-8-7-6/6-7-6-10-6	
20	7-5-7-8-8/8-8-9-10-7	
30	10-9-8-10-9/9-10-7-7-5	
40	4-4-4-4-3/3-3-4-7-9	
50	13-12-12-9-12/11-7-11-14-9	
60	7-8-4-10-13/11-14-12-9-9	
70	13-13-11-5-5/6-10-14-13-15	
80	9-14-7-8-9/8-6-5-8-8	Trip for Bit at 4372
90	8-9-9-9-10/9-8-7-7-8	
4400	8-7-5-6-7/7-8-8-6-6	
4400 - 4410	8-10-9-13-9/7-8-5-6-6	
20	8-7-7-7-7/7-5-5-6-3	
30	3-3-2-3-5/5-8	
4427	<u>Rotary Total Depth</u>	