

DRILLING TIME RECORD

Minutes per 5 feet.

2150 to 2255' 4-4-4-5-3-3-4-5-5-4-3-3-3-4-3-4-5-4-5-4-8

Minutes per foot.

2256 to 2270' 4-1-2-2-2-1-2-1-1-1-1-2-1-1

-90 2-2-2-1-1-1-1-1-2-2-2-2-1-1-1-1-2-2-2-2

-2310 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1

-30 1-2-2-2-1-2-1-2-2-2-1-1-2-1-2-2-2-2-1-2

-50 2-2-2-2-2-1-1-2-2-2-2-2-2-2-2-2-2-2-3-3

-70 3-3-1-4-1-1-2-2-3-3-2-3-4-4-4-3-3-3-3-4

-90 3-3-3-3-2-3-1-2-2-2-4-4-3-4-6-5-4-5-4-4

-2410 2-1-2-2-2-2-3-3-1-1-2-1-2-1-2-3-2-1-2-2

-30 2-1-2-3-3-2-2-2-1-2-2-3-2-2-4-4-3-4-4-2

-50 1-2-2-2-1-3-4-3-3-3-3-4-4-4-5-4-5-6-7-9

-70 9-6-8-6-16-15-9-12-12-6-7-9-8-8-8-12-12-5-9-9

-90 8-6-4-7-6-7-9-9-9-10-10-9-8-8-10-11-10-9-8-10

-2510 9-9-9-8-10-8-9-13-13-10-11-9-3-4-10-4-4-6-6-5

-30 8-5-8-7-9-7-9-8-7-4-4-8-8-4-7-8-7-6-8-7

-50 9-9-8-8-5-5-8-8-12-12-6-6-4-3-2-4-4-4-3-3

-70 3-3-2-2-2-2-2-2-2-3-3-3-4-4-4-4-4-4-4-4

-90 4-4-4-6-6-6-5-5-5-5-5-5-5-5-5-5-5-5-5-8

-2610 7-7-7-6-5-5-5-5-6-7-7-7-7-7-7-6-5-5-5-5

-30 5-5-5-5-5-5-5-7-2-2-4-5-2-4-2-2-2-3-2-3

-50 3-2-2-3-2-2-1-2-4-4-3-4-3-3-4-3-3-2-5-3

-70 2-3-2-4-3-3-2-5-3-3-4-2-3-4-3-4-4-4-3-2

-90 2-3-2-5-3-3-2-3-2-5-3-3-2-3-4-4-2-4-3-3

-2710 3-2-5-5-5-7-6-4-2-3-3-3-3-3-3-3-3-3-3-3

-30 3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-4-4

-50 7-7-10-6-6-5-5-4-3-3-8-4-4-3-3-3-3-3-3-3

-70 3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3

-90 3-3-3-6-8-3-3-3-3-3-3-5-5-5-6-6-7-6-6-6

-2810 6-6-6-8-8-4-4-5-5-10-11-12-12-15-12-13-4-4-4-4

-30 5-20-7-9-8-6-3-4-2-1-3-3-2-2-1-1-3-2-3-3

-50 7-6-7-9-8-7-8-5-5-6-5-8-8-6-6-6-6-6-7-5

-70 10-5-5-4-6-5-5-6-8-7-9-5-5-5-5-5-7-7-6-7

-90 8-8-4-4-5-8-5-7-9-6-8-10-7-10-10-15-10-10-5

-2910 5-8-7-5-5-10-10-5-2-18-20-5-2-3-3-2-3-3-6-4

-30 4-3-2-2-1-13-10-5-5-5-5-6-6-6-10-10-10-10-10

-50 10-10-10-10-10-10-6-6-7-6-10-15-15-15-15-20-5-5-3-2

-70 2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-3-3

-90 10-10-8-6-4-4-5-5-5-7-7-8-8-6-6-10-10-8-8-8

-3010 11-11-10-8-5-6-10-8-9-9-10-10-9-7-7-8-10-9-9-7

-30 7-8-3-2-5-5-5-5-6-6-6-6-6-5-6-8-7-7-7-5

-50 5-5-7-7-7-7-8-7-7-7-7-6-6-6-6-6-6-6-6-6

-70 6-6-6-4-4-4-4-4-4-4-4-4-3-3-3-3-3-3-3-3

Minutes per 5 feet.

3070 to 3100' 18-37-45-32-43-37

-3200 33-36-46-53-45-42-43-40-40-35-45-?-25-30-80-114-104-81-59-87

-3300 ?-21-60-67-40-80-100-?-10-8-8-8-8-6-7-31-10-12-18-18

-3400 18-11-12-11-11-11-17-23-22-40-25-65-55-70-95-75-77-80-80-65

-3500 20-32-37-45-40-45-43-67-70-42-33-45-37-31-27-30-26-37-38-62

-3600 49-44-32-15-20-20-20-25-40-15-12-20-38-39-65-65-65-70-55-35

-3700 20-40-77-88-90-?-40-35-50-45-30-30-30-40-30-45-45-?-65

-3800 48-59-58-60-47-53-73-79-95-90-62-57-70-80-82-68-52-60-60-43

-3920 55-50-45-45-45-45-40-25-65-60-40-35-35-?-45-45-45-45-55-48-45-45-

Service Drlg. Co., No. 1 Beeson, NE NE NW 8-3S-38W, Cheyenne Co., Kans.

Minutes per 2 feet.

3960 to 3980 23-32-40-32-35-37-33-23-8-29-28-75-36-24-34-36-36-33-27-20  
-4000 18-20-22-15-30-35-10-15-27-37-35-31-36-32-35-35-32-33-35-35  
-40 34-11-37-32-36-35-45-40-45-45-37-38-35-40-40-35-35-35-35-?  
-80 27-47-52-59-63-45-45-27-25-25-22-20-20-20-20-18-15-15-20-20  
-4100 16-18-9-16-15-16-23-23-25-20

Minutes per foot.

4100 to 4120 7-7-8-8-8-8-8-8-8-8-8-13-12-12-12-12-12-11-8  
-40 14-12-14-14-15-14-10-14-11-10-8-9-12-13-12-13-10-15-10-13  
-60 12-13-14-16-10-11-15-16-9-11-12-11-14-11-12-10-10-10-15-11  
-80 14-12-13-12-13-15-15-15-11-9-10-10-10-10-10-12-16-10-12  
-4200 13-12-10-11-12-12-15-12-13-14-14-14-15-14-14-14-14-14-14  
-20 8-6-10-14-21-17-15-29-27-24-23-24-27-27-28-30-33-14-14-14  
-40 14-10-10-12-14-16-16-16-16-16-16-21-20-20-23-18-14-14-14-17  
-60 18-17-10-11-9-11-11-9-10-14-21-21-22-22-20-26-29-29-20-18  
-80 17-16-14-16-14-14-13-13-13-14-6-3-4-4-4-4-4-4-4  
-4300 4-4-4-4-4-4-4-4-4-4-4-10-7-10-10-6-6-7  
-20 7-10-12-12-12-12-12-12-12-10-10-12-12-12-12-18-18-13-13-13  
-40 12-12-11-11-11-12-6-10-13-16-14-22-14-12-14-14-17-15-14-16  
-60 16-17-18-13-13-14-10-17-18-10-14-7-9-8-7-8-10-12-12-11-14  
-80 14-14-14-14-13-14-15-15-15-15-15-15-18-17-18-14-11-12-12  
-4400 12-11-11-11-11-11-11-11-10-12-12-12-8-11-11-6-4-5-10-12  
-20 11-12-12-8-8-8-8-7-7-8-8-10-18-16-16-13-15-12-10-6  
-40 7-10-11-9-10-11-9-11-10-10-12-10-14-11-11-9-9-11-7-11  
-60 12-13-13-15-15-15-20-18-18-19-17-17-23-17-18-12-11-12-12-13  
-80 22-15-18-15-20-17-18-18-17-17-17-20-20-18-16-16-18-17-16-15  
-4500 14-10-8-10-10-10-13-12-17-15-15-10-9-9-17-20-16-19-16-17  
-20 18-18-19-19-18-13-17-13-13-19-19-20-22-20-18-18-14-11-16-13  
-40 11-14-13-12-18-17-20-20-20-20-20-14-14-17-15-15-12-12-10-10  
-60 12-15-15-11-10-10-14-10-10-10-10-12-12-12-15-15-15-15-16-25  
-80 26-14-23-24-25-25-26-14-11-16-24-16-18-14-14-17-14-17-15-16  
-4600 14-18-14-18-19-19-17-15-11-14-12-10-11-14-23-16-14-14-14-11  
-20 11-12-12-17-18-20-11-13-13-13-11-11-16-14-18-16-17-15-15-15  
-40 13-12-12-12-14-14-14-14-14-12-12-12-6-5-5-5-9-6-4-8  
-60 8-8-10-12-11-11-11-11-11-11-8-11-14-14-15-15-15-15-15-13  
-80 12-6-5-5-5-6-9-7-7-8-10-12-13-14-14-14-12-10-12-11  
-4700 11-9-11-12-12-12-18-15-17-17-21-15-10-17-18-19-18-21-21-20  
-20 20-18-16-19-15-13-12-10-10-15-8-10-13-13-13-20-17-16-14-13  
-40 10-10-8-9-10-10-16-15-15-15-15-15-15-11-10-11-13-13-11-11  
-60 10-11-10-10-10-10-?-17-17-17-13-17-16-17-14-17-18-16-16-16  
-80 17-14-10-23-23-20-23-20-22-14-22-20-19-20-20-19-18-18-15-7  
-4800 9-10-15-11-12-12-11-11-10-13-15-15-19-16-12-13-13-17-20-20  
-20 15-15-17-18-18-11-11-16-15-15-15-18-15-16-17-15-17-17-17-17  
-40 15-17-17-21-15-17-17-17-17-17-17-17-17-18-19-33-17-30-25-25  
-60 23-21-29-28-25-26-25-29-27-29-21-27-28-?-24-22-22-29-33-40  
-80 33-34-37-?-36-16-20-22-25-25-32-20-25-23-20-25-20-10-20-22  
-4900 27-23-28-28-27-27-23-25-30-30-35-?-10-15-18-18-19-16-13-6  
-20 10-10-18-15-14-14-13-16-20-18-18-17-15-13-8-14-13-17-18-22  
-40 19-17-18-13-9-11-18-13-10-9-13-10-9-16-13-21-16-17-14-14  
-60 15-15-10-12-14-15-19-21-14-9-10-10-12-12-10-14-15-15-15-15  
-80 16-14-20-14-18-25-21-14-16-12-14-16-15-16-14-18-22-20-18-13  
-5000 12-14-14-13-10-14-15-27-25-13-13-17-25-20-20-20-20-17-16-17  
-20 17-23-16-16-18-13-17-17-17-13-22-60-41-30-23-8-10-10-12-7  
-40 7-9-11-15-15-7-8-12-17-13-10-6-3-7-15-18-14-20-18-17

40 to 5080' 15-13-13-11-21-14-14-14-16-19-12-12-12-9-12-13-12-14-10-10  
 -80 12-18-15-17-15-10-10-15-15-15-15-15-15-15-15-15-17-16-18  
 -8100 19-20-24-14-24-37-26-27-24-23-21-23-22-22-21-28-21-24-21-21  
 -820 12-20-22-16-13-30-23-21-21-21-29-28-22-20-18-22-27-23-23-22  
 -40 21-35-14-10-14-14-11-7-9-9-9-9-10-14-14-12-14-13-12-16  
 -60 13-9-13-23-16-14-20-14-20-14-18-15-18-18-17-17-16-17-18-19  
 -80 15-18-17-15-18-12-21-18-10-8-7-10-8-7-5-5-8-6-5-6  
 -8200 11-9-9-10-21-16-21-7-18-20-23-30-20-19-19-19-18-24-23-25  
 -20 23-23-23-25-20-25-26-22-19-8-10-17-23-25-12-12-11-6-9-16  
 -40 20-22-18-20-20-20-20-6-9-22-37-27-16-9-11-11-11-10-7-8  
 -60 8-39-20-21-7-13-25-21-15-20-27-20-8-9-23-48-25-15-11-6  
 -80 9-11-9-17-18-19-25-18-24-23-16-13-16-10-10-49-21-12-13-20  
 -5300 20-20-18-17-15-29-16-17-26-20-19-17-24-24-22-30-21-45-42-28  
 -20 27-34-25-26-19-30-23-7-7-12-13-12-12-13-11-11-11-13-14-14  
 -40 15-15-13-14-15-10-10-10-10-10-12-12-10-8-10-10-10-7-8-10  
 -60 10-15-11-14-12-10-10-13-10-15-14-16-13-15-13-16-12-17-18-22  
 -80 14-12-14-16-8-10-10-16-16-15-21-30-17-23-17-12-11-11-20-18  
 -92 22-15-28-9-14-9-11-19-15-15-11-11 (5392' T.D.)

DRILL STEM TESTS

- Test No. 1, 2376 to 2390'. Misrun. Could'nt get to bottom after lost circ.
- Test No. 2, 4540 to 4595'. Open 1 hr; sl blow for 6 min, then died. Rec 90' drilling mud & 1' dead black oil. FP 0#; SIP 650#.
- Test No. 3, 4598 to 4650'. Open 1 hr; sl blow for 5 min, then died. Rec 45' muddy water. FP 0#; SIP 1150# (15 min).

BIT RECORD

1	HTC	9"	OSC3	220-2271'	2051'
2	"	"	OSC1	-2617	346
3	CP	"	ES5	-2806	189
4	"	"	"	-2946	140
5	HTC	"	OSC	-3158	212
6	"	"	"	-3202	44
7	"	"	OSQ2	-3237	35
8	"	"	OW	-3460	223
9	"	"	"	-3630	170
10	"	"	"	-3770	140
11	"	"	"	-3944	174
12	"	"	"	-4048	104
13	"	"	"	-4258	210
14	"	"	"	-4500	242
15	"	"	"	-4595	95
16	"	"	"	-4747	152
17	"	"	OVS	-4891	144
18	"	"	OW	-5013	122
19	"	"	"	-5122	109
20	"	"	W7	-5247	125
21	"	"	"	-5302	55
22	"	"	"	-5392 T.D.	90