

DRILLING TIME RECORD

Jackson, Shear, & Parker
No. 1 Foster
SW SW SW Sec. 14, T. 6 S., R. 32 W.
Thomas County, Kansas

Elevation: 3021 G. L.
3023 D. F.
3026 K. B.

Rotary Total Depth: 4770

Commenced:
Completed Drilling with Rotary:

July 3, 1958
July 18, 1958

Casing: 8-5/8" @ 312 feet
4 1/2" @ 4425 feet

Contractor: Badger Drillers, Inc.
Box 287
Tulsa, Oklahoma

BIT RECORD AND DAILY DRILLING PROGRESS:

No. 1	HTC	OSC	312-1740	July 3	Set 8-5/8" @ 312 w/200 sacks cement
2	HTC	OSC	1740-2090	4	7:30 a.m. drilling @ 700
3	HTC	OSC	2090-2338	5	7:30 a.m. drilling @ 2310
4	HTC	OSC	2338-2680	6	Repairs @ 2338
5	HTC	OSC	2680-2830	7	7:30 a.m. drilling @ 2800
6	CP	EMLV	2830-3180	8	7:30 a.m. drilling @ 3210
7	HTC	OWV	3180-3442	9	7:30 a.m. drilling @ 3503
8	Reed	YSI	3442-3503	10	7:30 a.m. drilling @ 3710
9	HTC	OWV	3503-3695	11	7:30 a.m. drilling @ 3927
10	Security	M4N	3695-3927	12	7:30 a.m. drilling @ 4055
11	Security	M4N	3927-4098	13	7:30 a.m. drilling @ 4140
12	Smith	SV2	4098-4247	14	7:30 a.m. drilling @ 4288
13	HTC	OWV	4247-4462	15	7:30 a.m. drilling @ 4416
14	HTC	OWV	4462-4582	16	7:30 a.m. drilling @ 4575
15	Security	H7	4582-4634	17	7:30 a.m. drilling @ 4640
16	Security	H7	4634-4657	18	7:30 a.m. drilling @ 4703
17	HTC	W7	4657-4701	18	RTD @ 6:01 p.m. 4770
18	HTC	W7	4701-4770		

DEPTH

DRILLING TIME

1 Foot Time

3000-3010	2-1-1-1-1	1-1-1-1-1
20	1-1-1-1-1	1-1-1-1-2
30	2-2-2-1-2	2-2-4-5-5
40	5-5-5-2-2	2-2-2-2-2
50	2-2-2-2-3	3-2-2-3-2
60	2-2-2-2-2	1-1-2-1-2
70	1-1-1-2-2	1-1-1-1-1
80	1-1-1-1-1	1-1-2-2-2
90	2-1-1-1-2	2-1-2-2-3
3090-3100	3-2-3-2-1	2-3-2-2-2
10	3-2-2-2-2	3-3-3-3-3
20	3-3-3-3-3	3-3-3-2-3
30	2-3-2-3-3	3-3-3-4-3
40	4-3-3-4-4	5-5-6-5-6
50	6-6-5-4-5	3-4-4-3-4
60	4-4-4-3-3	2-4-2-4-5
70	3-5-5-4-3	3-3-3-2-2
80	2-3-2-2-3	5-4-5-6-5
90	4-5-4-3-3	4-3-3-3-2
3190-3200	3-2-2-2-2	2-1-1-2-1
10	2-2-3-3-3	3-3-2-3-4
20	3-2-2-2-2	2-1-2-3-2
30	1-2-1-1-2	2-1-1-1-2
40	2-2-3-2-1	2-2-2-2-2
50	2-2-1-2-2	2-2-2-3-2
60	2-2-2-1-2	2-2-2-2-2
70	2-2-2-2-2	2-2-2-2-3
80	3-3-4-4-3	4-3-4-4-3
90	3-3-3-3-3	4-3-3-3-3
3290-3300	3-2-3-3-3	2-2-3-3-2
10	3-3-3-3-4	4-4-4-4-4
20	5-4-5-7-4	3-3-2-3-3
30	3-4-4-3-3	3-4-3-3-4
40	4-5-4-4-4	3-3-3-2-3
50	4-3-2-3-2	3-3-3-3-4
60	4-7-8-6-5	4-3-4-4-3
70	4-3-3-4-4	5-5-4-6-7
80	6-7-5-5-4	3-4-5-4-4
90	4-4-4-4-4	3-3-3-4-3
3390-3400	4-4-5-4-3	3-5-4-4-4
10	3-3-3-3-2	2-3-3-2-2
20	2-2-2-2-2	2-2-2-2-3
30	3-4-4-3-3	3-3-3-3-4
40	6-7-6-4-4	5-6-7-7-7
50	7-10-6-5-3	5-5-8-7-9
	Tr. @ 3442	
60	4-4-5-4-5	5-4-4-5-5
70	5-5-4-7-7	6-5-6-7-9
80	6-6-5-5-5	5-4-6-6-6
90	4-3-6-6-6	5-5-8-7-8
3490-3500	11-10-7-8-8	7-7-10-7-11

DEPTH

DRILLING TIME

3500-3510	11-13-11-5-5	4-4-3-3-4
	Tr. @ 3503	
20	3-3-4-3-4	3-4-6-6-6
30	6-6-6-6-5	6-6-5-6-6
40	5-6-6-5-5	5-5-5-5-5
50	4-4-4-4-4	3-3-4-3-3
60	3-2-2-2-3	3-4-3-4-4
70	4-5-5-4-4	4-3-3-3-4
80	4-8-8-6-6	4-5-4-5-5
90	5-5-5-4-5	4-5-5-5-5
3590-3600	4-4-3-4-4	4-5-5-3-3
10	6-5-7-9-7	5-5-7-5-5
20	4-4-4-4-6	8-8-7-6-6
30	4-5-5-7-6	4-3-4-3-4
40	4-3-3-3-6	4-4-4-3-3
50	3-6-4-6-7	5-5-5-3-4
60	8-8-8-7-7	6-7-9-8-7
70	7-8-5-6-7	4-5-8-8-9
80	9-9-6-7-8	8-5-5-5-6
90	8-7-8-8-5	6-7-5-5-10
3690-3700	8-5-10-10-10	6-6-5-5-6
	Tr. @ 3695	
10	4-3-4-5-3	4-3-4-3-4
20	5-5-5-6-4	4-3-4-3-3
30	3-2-2-2-2	2-2-1-2-2
40	4-4-3-3-5	5-6-7-5-5
50	5-6-5-4-3	4-5-8-7-7
60	6-5-4-3-3	1-1-1-4-6
70	4-4-3-3-2	3-4-4-3-3
80	3-4-4-3-3	4-4-4-5-7
90	6-4-5-5-6	7-3-2-5-6
3790-3800	7-7-4-3-3	4-4-4-4-5
10	4-4-5-6-3	3-2-1-2-2
20	2-2-3-4-3	3-4-4-4-3
30	4-4-5-4-4	4-5-4-4-5
40	4-5-4-3-3	4-2-2-1-2
50	3-4-5-6-4	4-4-5-4-4
60	3-2-3-6-5	5-4-4-6-5
70	5-6-6-7-7	8-8-7-6-6
80	7-8-6-5-5	5-6-5-4-3
90	2-3-3-5-5	4-5-4-5-6
3890-3900	5-4-4-6-8	8-8-6-5-4
10	4-4-4-4-5	4-7-6-6-7
20	8-5-5-4-4	4-4-5-4-5
30	5-4-4-4-4	5-4-5-4-5
	Circ. @ 3927	
40	5-4-3-2-3	3-3-4-4-4
50	4-3-2-3-3	3-4-3-4-8
60	7-2-2-3-4	4-4-7-4-5
70	5-5-3-3-3	4-4-3-3-4
80	3-4-4-5-5	5-4-3-4-4
90	4-4-4-5-5	7-7-7-7-5
3990-4000	5-4-3-3-4	5-5-5-3-8

<u>DEPTH</u>	<u>DRILLING TIME</u>	<u>DEPTH</u>	<u>DRILLING TIME</u>
4000-4010	7-4-5-5-8 8-7-7-6-7	4500-4510	3-3-2-3-2 3-3-5-4-4
20	7-7-4-5-8 5-3-4-3-4	20	4-3-5-3-5 2-3-4-5-4
30	3-4-4-3-3 4-3-3-4-5	30	6-5-4-5-3 4-4-5-4-5
40	5-5-7-8-7 4-4-4-3-4	40	6-6-4-6-6 5-7-9-3-3
	Circ. @ 4040	50	2-3-3-3-5 6-9-7-7-7
50	5-7-5-5-5 5-5-4-7-5	60	7-6-6-8-7 5-10-10-9-8
60	7-10-10-11-11 13-13-13-4-9	70	7-6-8-6-8 5-6-6-8-15
70	16-14-9-5-9 10-16-8-8-8	80	12-12-10-17-18 11-15-8-9-23
80	9-6-7-8-10 14-13-17-13-7	90	20-22-9-14-15 15-16-14-15-11
90	6-6-5-5-6 5-14-13-11-12		Tr. @ 4582
4090-4100	12-16-13-12-12 15-14-14-8-7	4590-4600	12-18-12-14-18 15-15-18-16-16
	Circ. @ 4098	10	14-18-18-14-17 15-15-18-17-14
10	7-8-7-8-14 15-16-3-12-14	20	14-14-14-14-12 x-x-16-15-15
20	12-12-12-2-2 5-10-10-8-8		Strap Pipe. 2 foot corr.
30	5-5-11-8-7 9-7-13-11-7	30	12-12-11-10-11 14-8-7-7-9
40	7-6-6-6-6 7-9-10-8-10	40	16-12-13-20-11 13-8-10-5-8
50	10-13-9-7-10 14-12-8-7-10		Tr. @ 4634
60	7-7-8-7-7 7-8-7-6-3	50	13-13-14-15-20 25-20-20-24-20
70	8-8-9-7-10 8-9-13-10-12	60	18-23-20-20-23 23-30-12-11-16
80	9-5-10-10-9 10-11-11-11-12		Tr. @ 4657
90	14-11-6-5-4 10-10-12-5-7	70	18-20-9-7-6 9-20-12-21-19
4190-4200	9-9-7-10-10 9-6-5-5-4	80	14-16-16-15-17 17-16-19-20-14
10	5-8-5-14-14 14-13-14-14-18	90	8-12-11-12-26 13-26-12-8-7
20	18-17-11-15-15 11-14-12-8-4	4690-4700	9-11-23-14-17 22-20-25-25-17
30	8-8-10-11-7 5-5-5-5-5	10	18-12-7-9-16 15-11-13-12-12
40	6-8-6-6-6- 9-12-11-12-14		Tr. @ 4701
	Circ. @ 4240 Tr. @ 4247	20	12-14-14-13-12 10-5-11-15-15
50	11-11-11-12-24 14-15-8-5-2	30	15-15-10-14-10 11-13-16-18-16
60	3-3-2-3-3 4-3-3-3-3	40	12-15-20-20-15 12-15-20-20-15
70	3-3-3-3-4 6-4-3-3-3	50	10-9-9-12-15 6-14-5-4-2
80	6-4-3-3-3 3-3-4-6-8	60	3-3-3-8-6 5-3-2-1-2
90	8-5-5-4-4 5-3-3-3-3	70	1-1-2-2-2 4-2-7-7-4
4290-4300	3-2-3-3-3 3-3-2-3-4		Circ. @ 4770
10	4-4-5-5-4 4-5-6-7-5		RTD @ 4770
20	4-6-8-7-7 7-7-6-4-5		
30	5-5-5-6-8 7-6-6-4-8		
40	8-8-7-9-8 9-5-4-5-6		
50	6-7-8-8-8 7-4-5-5-3		
60	4-5-5-5-3 2-4-6-5-5		
70	7-5-4-5-5 5-5-5-4-7		
80	7-8-8-9-7 9-8-7-9-6		
	Circ. @ 4376		
90	9-8-7-4-6 4-3-3-3-3		
4390-4400	3-2-6-9-7 7-8-8-10-8		
10	3-4-4-3-5 4-4-12-14-13		
20	16-14-14-10-11 10-10-11-8-3		
30	5-4-5-5-7 8-8-12-14-13		
40	15-14-5-9-12 18-12-13-15-17		
50	15-20-12-15-15 5-5-5-5-4		
60	4-3-3-10-10 10-13-13-13-12		
70	12-13-10-5-4 5-4-5-4-4		
	Tr. @ 4462		
80	3-4-4-7-7 7-6-4-6-8		
90	10-10-10-8-5 8-10-7-5-3		
4490-4500	4-3-5-5-5 6-5-4-2-2		